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Implementation Guide for Fiori Application for EAM Solutions by Utopia

Release EAM 1909 SP01

Document History

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

Version	Date	Description	Name
1.0	06-04-2020	Initial version	Rashmi P/Lokeswar Reddy

Approval History

Version	Date	Description	Name
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Introduction

This document covers the requirements and the tasks necessary to implement Fiori App (application) on EAM 1909 Solutions for MDG by Utopia.

Purpose

This document describes the required backend 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.
- Users of EAM Solutions for MDG by Utopia.

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 104 SP00 MDG 804 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 backend 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.

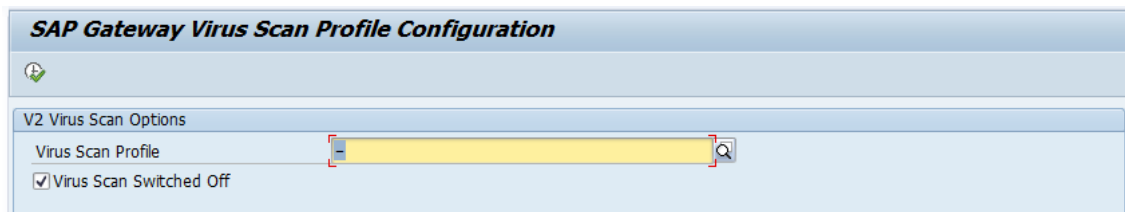
The required software components for the app are contained in the listed product instances:

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 MDGUX 804 SP 00 	UGIEAMUI – Utopia Software Component
Back-end components	SAP Master Data Governance 804 (Initial Shipment Stack)	<ul style="list-style-type: none"> • MDG UI Ext. on S4CORE 104 • Master Data Governance • SAP_GWFND 754 SP 00 	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

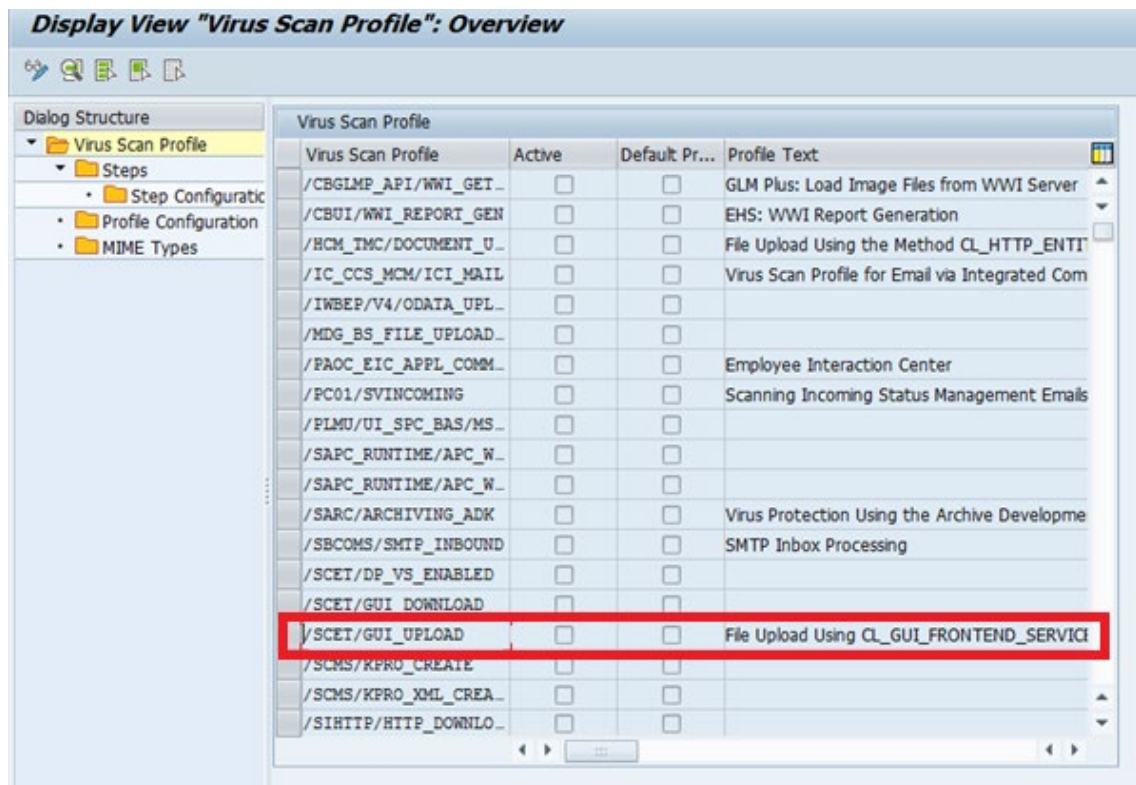
Virus Scanning can be switched off by using t-code /IWFND/VIRUS_SCAN.



Note

1. Standard Roles are assigned for Fiori
 - a. SAP_UI2_ADMIN_750
 - b. SAP_UI2_FIORI_CATALOGS_READ
 - c. SAP_UI2_NEWS_TILE
 - d. SAP_UI2_PAGEBUILDER_CONFIG
 - e. SAP_UI2_PAGEBUILDER_CUST
 - f. SAP_UI2_PAGEBUILDER_PERS
 - g. SAP_UI2_USER_700
 - h. SAP_UI2_USER_750

2. Virus Scan Profile - /SCET/GUI_UPLOAD must be disabled in VSCANPROFILE



3. 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 backend 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 804 EAM Solution 1909 SP01 by Utopia EAM solutions for MDG - Enhanced IDOC processing 1909 by Utopia
Support Package Stack	<ul style="list-style-type: none"> 00
Product Instance(s)	<ul style="list-style-type: none"> EAM SOLUTIONS MDG 1909 SP01 by UTOPIA
Software Component Version	<ul style="list-style-type: none"> UGIEAMUI – Utopia Fiori Software Component – 1909 SP01
Prerequisite for installation	EAM SOLUTION 1909 SP01 by UTOPIA is an add-on to: <ul style="list-style-type: none"> UIBAS001 500 SP00- UI for Basis Applications or SAP_GWFND 754 SP00 - SAP Gateway Foundation or S4HANA on Premise 1909 SP01 (02/2020) FP

Back-end components (ABAP)	
Product Version	<ul style="list-style-type: none"> SAP MASTER DATA GOVERNANCE 804 EAM SOLUTIONS MDG 1909 SP01 by UTOPIA EAM Solutions for MDG by Utopia - Enhanced IDOC processing 1909
Support Package Stack	<ul style="list-style-type: none"> 00
Product Instance(s)	<ul style="list-style-type: none"> MDG EAM Integration by Utopia 1909 SP01
Software Component Version	<ul style="list-style-type: none"> UGIOD01 – Utopia OData Software Component - SP01
Prerequisite for installation	EAM SOLUTION 1909 SP01 by UTOPIA is an add-on to: <ul style="list-style-type: none"> UIBAS001 500 SP00- UI for Basis Applications or SAP_GWFND 754 SP00 - SAP Gateway Foundation or S4HANA on Premise 1909 SP01 (02/2020) FP

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 if customization is required.

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

1. 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:

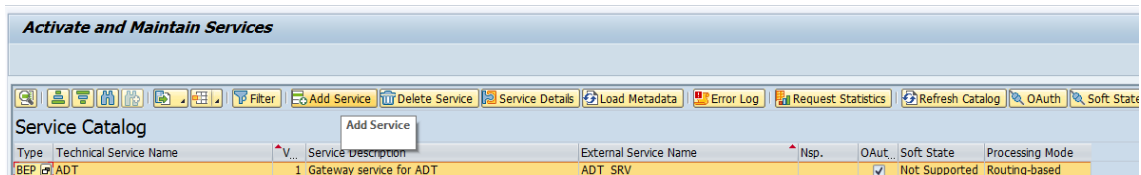
The following services need to be added with system alias using t-code `/IWFND/MAINT_SERVICES`.

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

Set System Alias

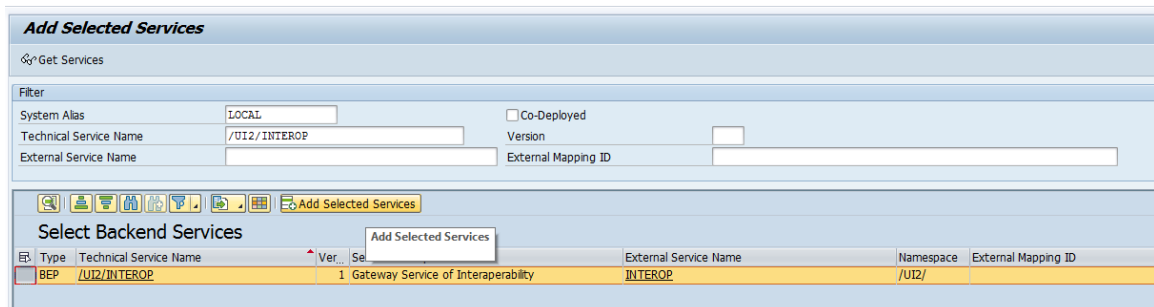
Use the following steps to set the system alias:

1. Add new service



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

2. Mark the backend service and “Add Selected Service”.
3. Select your Fiori server or in single instance select the system alias LOCAL.



Type	Technical Service Name	Ver.	Se	External Service Name	Namespace	External Mapping ID
BEP	/UI2/INTEROP	1		Gateway Service of Interoperability	/UI2/	

4. Add the service.

Add Service

Service	
Technical Service Name	ZTRANSPORT
Service Version	1
Description	UI2: Transport Service
External Service Name	TRANSPORT
Namespace	/UI2/
External Mapping ID	
External Data Source Type	C
Model	
Technical Model Name	ZTRANSPORT_MODEL
Model Version	1
Creation Information	
Package Assignment	Z001
	Local Object
ICF Node	
<input checked="" type="radio"/> Standard Mode <input type="radio"/> None	
<input checked="" type="checkbox"/> Set Current Client as Default Client in ICF Node	
OAuth enablement	
<input type="checkbox"/> Enable OAuth for Service	

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

5. Repeat steps a. to c. in [Configuring SAP EAM Fiori applications for MDG](#) for all the listed services.
6. 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

Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OAut.	Soft State	Status	Is SAP Service
BEP	/UGIEAMUJ/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMUJ/	<input type="checkbox"/>	Not Supported		
BEP	/UGIEAMUJ/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMUJ/	<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_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	EPH_LANES_DEMO_SRV	1	EPH: Gateway Service for Lanes Page Demo	EPH_LANES_DEMO_SRV		<input checked="" type="checkbox"/>			
BEP	EPH_OIA_APPS_GW_SERVICE_SRV	1	CL_EPM_OIA_APPS_GW_SER_DPC_EXT	EPH_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>			

ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
<input checked="" type="checkbox"/>	ODATA	00:00:00		Standard Mode

System Aliases

SAP System Alias	Description	Default	Metadata	User Role

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

Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Nsp.	OAut.	Soft State	Processing Mode
BEP	ZMDC_PROCESS_SRV_MDC_147	1	MDC Process Object For BP light	MDC_PROCESS_SRV_MDC_147		<input type="checkbox"/>	Inactive	Routing-based
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_APPROVE_SM_SRV	1	MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_EOBOM_SRV	1	MDG EAM - Equipment BOM	MDG_EAM_EOBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIGE00D/MDG_EAM_EQUIPMENT_S	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIGE00/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIGE00D/MDG_EAM_FLOC_SRV	1	MDG EAM GEF - Functional Location	MDG_EAM_FLOC_SRV	/UGIGE00/	<input type="checkbox"/>	Not Supported	Co-deployed only
BEP	/UGIOD01/MDG_EAM_FLOCBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_FLOCBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MSPPOINT_SRV	1	MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECT_LINK_S	1	MDG EAM - Object Link	MDG_EAM_OBJECT_LINK_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECTNETWORK	1	MDG EAM - Object Network	MDG_EAM_OBJECTNETWORK_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based

ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
<input checked="" type="checkbox"/>	ODATA	00:00:00		Standard Mode

System Aliases

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

3. Click on “Add System Alias” button.

Activate and Maintain Services

Service Catalog


Type	Technical Service Name	Ver.	Service Description	External Service Name	Nsp.	OAut.	Soft State	Processing Mode
BEP	ZMDC_PROCESS_SRV_MDC_147	1	MDC Process Object For BP light	MDC_PROCESS_SRV_MDC_147		<input type="checkbox"/>	Inactive	Routing-based
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_APPROVE_SM_SRV	1	MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_EOBOM_SRV	1	MDG EAM - Equipment BOM	MDG_EAM_EOBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIGE00D/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIGE00/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIGE00D/MDG_EAM_FLOC_SRV	1	MDG EAM GEF - Functional Location	MDG_EAM_FLOC_SRV	/UGIGE00/	<input type="checkbox"/>	Not Supported	Co-deployed only
BEP	/UGIOD01/MDG_EAM_FLOCBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_FLOCBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MSPPOINT_SRV	1	MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECT_LINK_S	1	MDG EAM - Object Link	MDG_EAM_OBJECT_LINK_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECTNETWORK	1	MDG EAM - Object Network	MDG_EAM_OBJECTNETWORK_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported	Routing-based

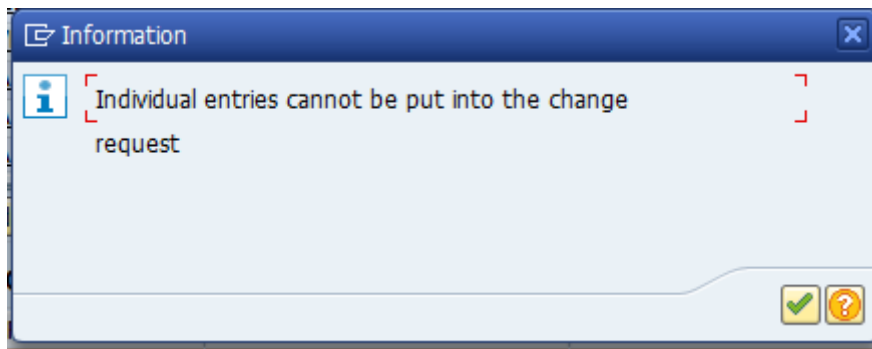
ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
<input checked="" type="checkbox"/>	ODATA	00:00:00		Standard Mode

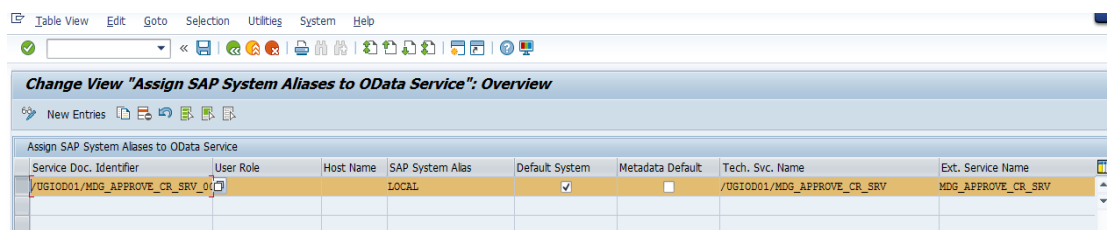
System Aliases

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

4. Click on  button on information pop-up.



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



6. Save your entries.

Note

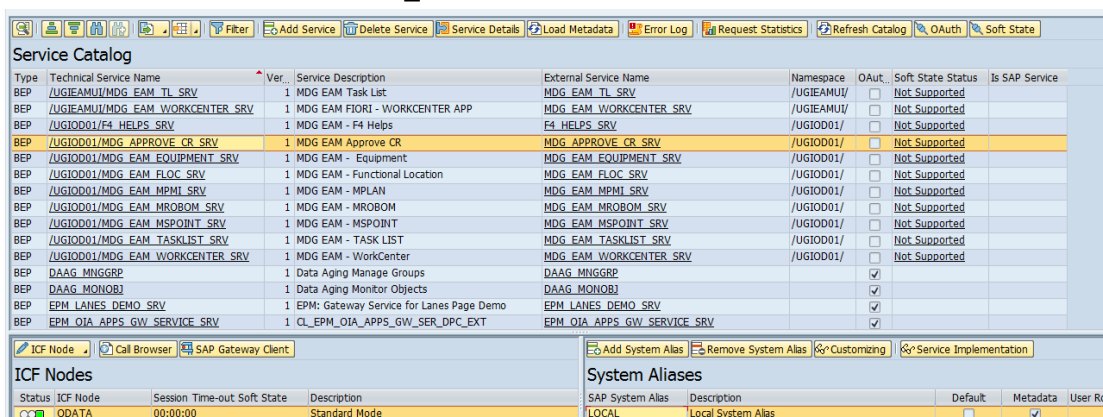
Repeat these steps for all the listed services in Section: [Activate ICF Nodes for OData Services Table 1: EAM FIORI NW OData services](#).

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



2. Select the service and click on ICF Node.

Activate and Maintain Services

Service Catalog

Type	Technical Service Name	Service Description	External Service Name	Nsp.	OAut.	Soft State	Processing Mode
BEP	ZMDC_PROCESS_SRV_MDC_147	1 MDC Process Object For BP light	MDC_PROCESS_SRV_MDC_147			Inactive	Routing-based
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1 MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_APPROVE_SM_SRV	1 MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_EQOBOM_SRV	1 MDG EAM - Equipment BOM	MDG_EAM_EQOBOM_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1 MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIGEO00/MDG_EAM_EQUIPMENT_S	1 MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIGEO00		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1 MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIGEO00/MDG_EAM_FLOC_SRV	1 MDG EAM GEF - Functional Location	MDG_EAM_FLOC_SRV	/UGIGEO00		Not Supported	Co-deployed only
BEP	/UGIOD01/MDG_EAM_FLOCBOM_SRV	1 MDG EAM - MROBOM	MDG_EAM_FLOCBOM_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1 MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1 MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_MSPOINT_SRV	1 MDG EAM - MSPOINT	MDG_EAM_MSPOINT_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECT_LINK_S	1 MDG EAM - Object Link	MDG_EAM_OBJECT_LINK_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECTNETWORK	1 MDG EAM - Object Network	MDG_EAM_OBJECTNETWORK_SRV	/UGIOD01		Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1 MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01		Not Supported	Routing-based

ICF Node **Activate** **Deactivate** **Delete** **Configure (SICF)**

Session Time-out Soft State Description
00:00:00 Standard Mode

System Aliases

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

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

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 Location Services are listed in the following table:

Scenario	Technical Service Name
Equipment	/UGIOD01/MDG_EAM_EQUIPMENT_SRV
Material BOM	/UGIOD01/MDG_EAM_MROBOM_SRV
Equipment BOM	/UGIOD01/MDG_EAM_EQBOM_SRV
Function Location BOM	/UGIOD01/MDG_EAM_FLOCBOM_SRV
WBS BOM	/UGIOD01/MDG_EAM_WSBOM_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_HELPERS_SRV
Object Link	/UGIOD01/MDG_EAM_OBJECT_LINK_SRV
Object Network	/UGIOD01/MDG_EAM_OBJECTNETWORK_SRV
Search	/UGIOD01/EQUI_DB_SRCH_SRV/
	/UGIOD01/EQUI_HA_SRCH_SRV/
	/UGIOD01/FUNCLOC_DB_SRCH_SRV/
	/UGIOD01/FUNCLOC_HA_SRCH_SRV/

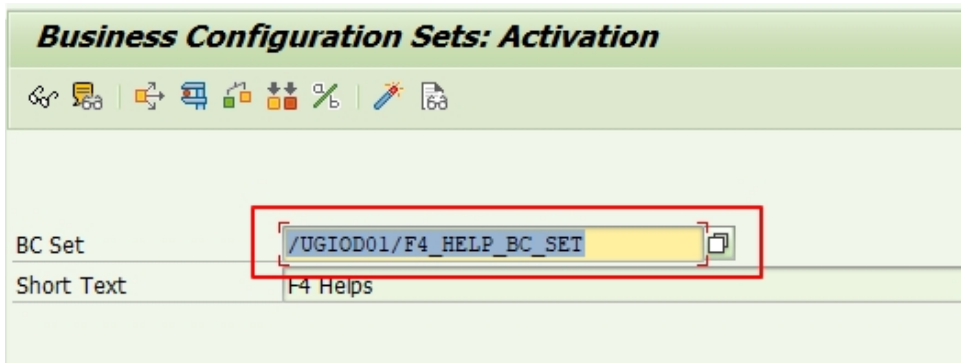
	/UGIOD01/PMBOMHDR_DB_SRCH_SRV/
	/UGIOD01/PMBOMHDR_HA_SRCH_SRV/
	/UGIOD01/EQBOMHDR_DB_SRCH_SRV/
	/UGIOD01/EQBOMHDR_HA_SRCH_SRV/
	/UGIOD01/WBSBOMHDR_DB_SRCH_SRV/
	/UGIOD01/WBSBOMHDR_HA_SRCH_SRV/
	/UGIOD01/FLBOMHDR_DB_SRCH_SRV/
	/UGIOD01/FLBOMHDR_HA_SRCH_SRV/
	/UGIOD01/MSPOINT_DB_SRCH_SRV/
	/UGIOD01/MSPOINT_HA_SRCH_SRV/
	/UGIOD01/MPLAN_DB_SRCH_SRV/
	/UGIOD01/MPLAN_HA_SRCH_SRV/
	/UGIOD01/OBJLINK_DB_SRCH_SRV/
	/UGIOD01/OBJLINK_HA_SRCH_SRV/
	/UGIOD01/OBJNETWRK_DB_SRCH_SRV/
	/UGIOD01/OBJNETWRK_HA_SRCH_SRV/
	/UGIOD01/TASKLIST_DB_SRCH_SRV/
	/UGIOD01/TASKLIST_HA_SRCH_SRV/
	/UGIOD01/WORKCNTR_DB_SRCH_SRV/
	/UGIOD01/WORKCNTR_HA_SRCH_SRV/
Service Master	/UGIOD04/MDG_PROC_SM_SRV

Table 1: EAM FIORI NW OData services

Activate EAM Fiori OData BC-SET

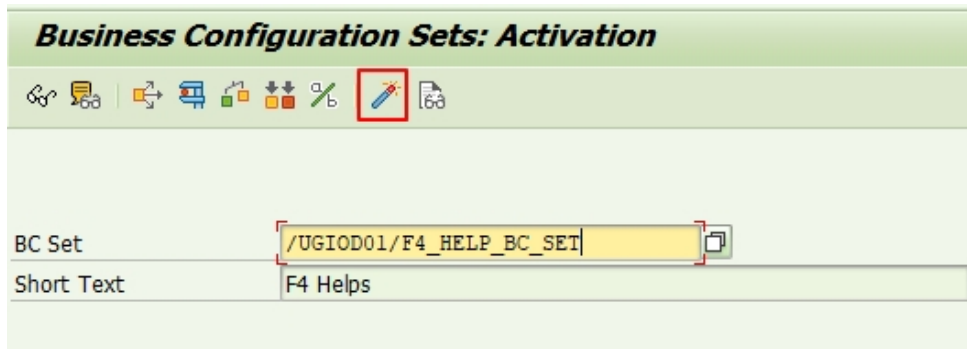
To activate BC Set, execute the below steps.

1. Go to t-code – SCRP20, enter AIW OData(/UGIOD01/F4_HELP_BC_SET) BC-Set as displayed in the following screen.



Business Configuration Sets: Activation	
BC Set	/UGIOD01/F4_HELP_BC_SET
Short Text	F4 Helps

2. Click on activate button to activate the BC-Set.



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 Material BOM](#)
- [Request New EQ BOM](#)
- [Request New FLOC BOM](#)
- [Request New WBS BOM](#)
- [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 Material BOM](#)
- [Change EQ BOM](#)
- [Change FLOC BOM](#)
- [Change WBS BOM](#)
- [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 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.

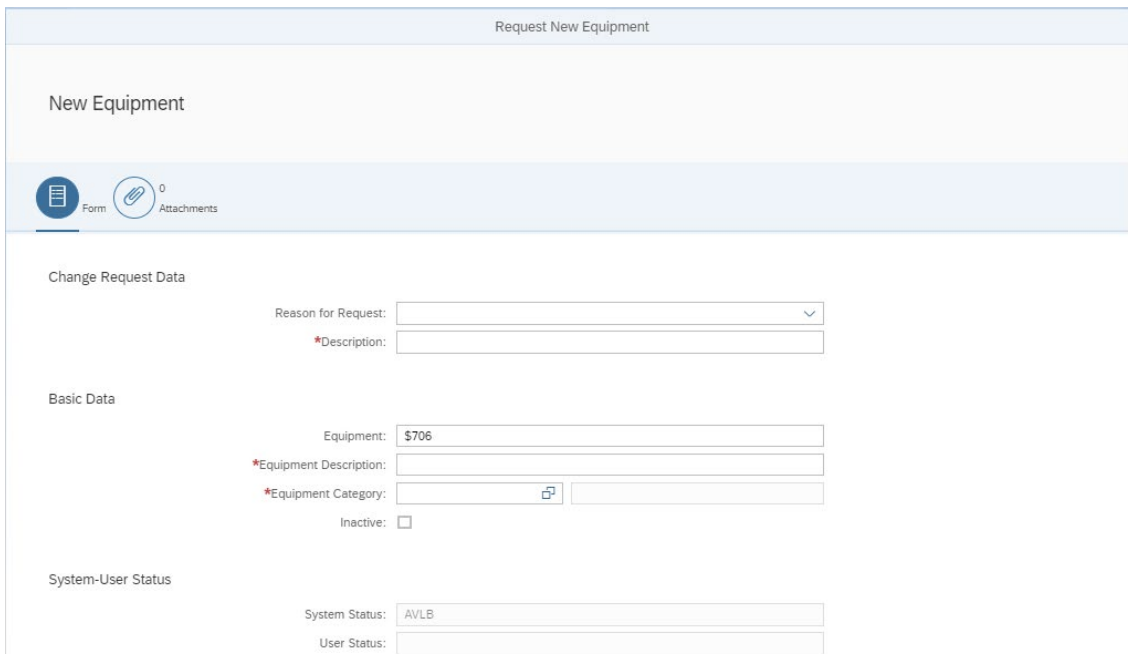
Note

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 shows the 'Request New Equipment' Fiori application interface. At the top, there is a header bar with the title 'Request New Equipment'. Below the header, the main content area is titled 'New Equipment'. A navigation bar below the title contains two icons: a document icon labeled 'Form' and a circular icon with a plus sign labeled 'Attachments' with a '0' next to it. The main form 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 '*Description:'. The 'Basic Data' section includes an 'Equipment' field with the value '\$706', a required field '*Equipment Description:', a required field '*Equipment Category:' with a selection icon, and an 'Inactive' checkbox. The 'System-User Status' section includes a 'System Status' field with the value 'AVLB' and a 'User Status' field.

Request New Equipment	
General Data	
Technical Object Type:	<input type="text" value=""/>
Manufacturer:	<input type="text" value=""/>
Model Number:	<input type="text" value=""/>
Manufacturer Serial No:	<input type="text" value=""/>
Manufacturer Part No:	<input type="text" value=""/>
Location Data	
Maintenance Plant:	<input type="text" value=""/>
Location:	<input type="text" value=""/>
ABC Indicator:	<input type="text" value=""/>
Organization-Account Assignment	
Company Code:	<input type="text" value=""/>
Cost Center:	<input type="text" value=""/>
Organization-Responsibilities	
Planning Plant:	<input type="text" value=""/>
Planner Group:	<input type="text" value=""/>
Main Work Center:	<input type="text" value=""/>

Request New Equipment	
Structure	
Functional Location:	<input type="text" value=""/>
Superord. Equipment:	<input type="text" value=""/>
Technical Identification No.:	<input type="text" value=""/>
Construction Type:	<input type="text" value=""/>
Configuration Control-Maintenance Object	
Function Identifier:	<input type="text" value=""/>
Force Installment:	<input type="checkbox"/>
Force Dismantling:	<input type="checkbox"/>
Configuration Control-Configuration	
ConstType:	<input type="text" value=""/>
PRT Information	
Task List Usage:	<input type="text" value=""/>
Control Key:	<input type="text" value=""/> <input type="checkbox"/> Cannot be changed
Standard Text Key:	<input type="text" value=""/> <input type="checkbox"/> Cannot be changed
Usage Value Formula:	<input type="text" value=""/> <input type="checkbox"/> Cannot be changed

Request New Equipment

AIN Data

Model Name:

AIN Model ID:

Description:

Manufacturer:

Template:

Global ID:

AIW Template Info

Indicator for AIW Template:

Copied from Equipment/Template:

AIN Equipment

AIN Equipment Create:

AIN Equipment:

Request New Equipment

Address Maintenance

Title:

Name:

Search Term 1/2:

C/O:

Postal Code/City:

Building/Floor:

Street 2:

Street 3:

Street 4:

Street 5:

Country Key:

Region:

Timezone:

International Version

Address Version	Name	Name 2	Street	City
No data				

International Version

Address Version	Name	Name 2	Street	City
No data				

Class Assignment

Class Type	Class Type Description	Class	Class Description
No data			

Characteristics

Characteristic Name	Characteristic Description	Characteristic Value	Value Description	Action
No data				

Check Save 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
	/UGIEAMUI/EAM_LIB

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	UtopiaEquipment
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.

 Note

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

OData Service	Version
/UGIOD01/MDG_EAM_EQUIPMENT_SRV	001
/UGIOD01/F4_HELPES_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)
	/ugiod01/f4_helps_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
	/UGIEAMUI/EAM_LIB

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 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

Form 0 Attachments

Change Request Data

Reason for Request:

*Description:

Basic Data

*Functional Location:

*Functional Location Description:

Edit Mask: XXXX-XXX-AA-NN

Hierarchy Levels: 1 2 3 4

*Functional Location Category:

*Structure Indicator: A Structure A

Default Values for superior functional location

Superior Functional Location:

Inactive: ☐

Request New Functional Location

System-User Status

System Status: CRTE

User Status:

General Data

Object Type:

Location Data

Maintenance Plant:

Location:

ABC Indicator:

Organization - Account Assignment

Company Code:

Cost Center:

Organization - Responsibilities

Planning Plant:

Maint. Planner Group:

Main Work Center:

Request New Functional Location

Address Maintenance

Title:

Name:

Search Term 1/2:

C/O:

Postal Code/City:

Building/Floor: Room:

Street 2:

Street 3:

Street 4:

Street 5:

Country Key:

Region:

Timezone:

International Version +

Address Version	Name	Name 2	Street	City
No data				

International Version +

Address Version	Name	Name 2	Street	City
No data				

Class Assignment +

<input type="checkbox"/> Class Type	Class Type Description	Class	Class Description
No data			

Characteristics

Characteristic Name	Characteristic Description	Characteristic Value	Value Description	Action
No data				

0 Check Save 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/FLOC
	/UGIEAMUI/EAM_LIB

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	UtopiaFunctionalLocation
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.

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_FLOC_SRV	001
/UGIOD01/F4_HELPES_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)
	/ugiod01/f4_helpes_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
	/UGIEAMUI/EAM_LIB

Request New Material BOM

This is a transactional application and is used for requesting a new Material BOM 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 Material BOM users.
- Option to upload attachments containing request details.
- Creates a Material 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.
- Supports MM integration – Material creation at BOM item level

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 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, 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 Material BOM.

Request New Material Bill of Material

New Material Bill of Material

Form

0 Attachments

Change Request Data

Reason for Request:

*Description:

Header Data

*Material:

*Plant:

*BOM Usage:

*Alternative BOM:

Technical Type:

Quantity Data

Base Quantity:

Request New Material Bill of Material

Quantity Data

Base Quantity:

Validity

Valid From:

Valid To:

BOM Status:

Material Bill of Material and Alternative Text

BOM Header Text:

Material Bill of Material Item Overview

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

0
Check Save Submit Cancel

Create Material – (specifically required for MBOM<>MATERIAL Integration scenario)

Request New Material

New Material

Form 0 Attachments

Change Request Data

Reason for Request:

*Description:

General Data

*Material:

*Base Unit of Measure:

*Material Type:

*Industry Sector:

Material Group:

Old Material Number:

Authorization Group:

Check Save Submit Cancel

Request New Material

Grouping

Ext. Material Group:

Product Hierarchy:

Configuration

Cross-Plant CM:

Design Data

Lab/Office:

Industry Std Description:

Basic Material:

Prod./Insp. Memo:

Descriptions

Language Key	Language	Material Description	Action
EN	English	<input type="text"/>	

Plants

Check Save Submit Cancel

Plants

Plant	Availability Check Group	Availability Check Description	MRP Type	MRP Type Description
0001	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Classification

Class Type	Class Type Description	Class	Class Description	Action
No data				

Characteristics

Characteristics Name	Characteristics Description	Characteristics Value	Value Description	Action
No data				

Check Save Submit Cancel

Figure 3: MDG EAM Fiori App – Request New Material BOM

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/BOM
	/UGIEAMUI/EAM_LIB
	/UGIEAMUI/MAT

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	MatBillOfMaterial
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

Change mat		
Business Catalog (Launchpad)	/UGIEAMUI/MDG_MAT_BC_REQ_T	Master Data Material Requestor (MDG) - Content
PFCG role for Business Catalog	/UGIEAMUI/MDG_MAT_BCR_REQ_T	Master Data Material Requestor (MDG) - App Content

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
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/ODATA_GEN_SRV	01

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)
	/ugiod01/fr_helpes_srv (001)
	/ugiod01/odata_gen_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/bom

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOM
	/UGIEAMUI/EAM_LIB
	/UGIEAMUI/MAT

Request New Equipment BOM

This is a transactional application and is used for requesting a new Equipment 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 Equipment BOM users.

- Option to upload attachments containing request details.
- Creates an EQ 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

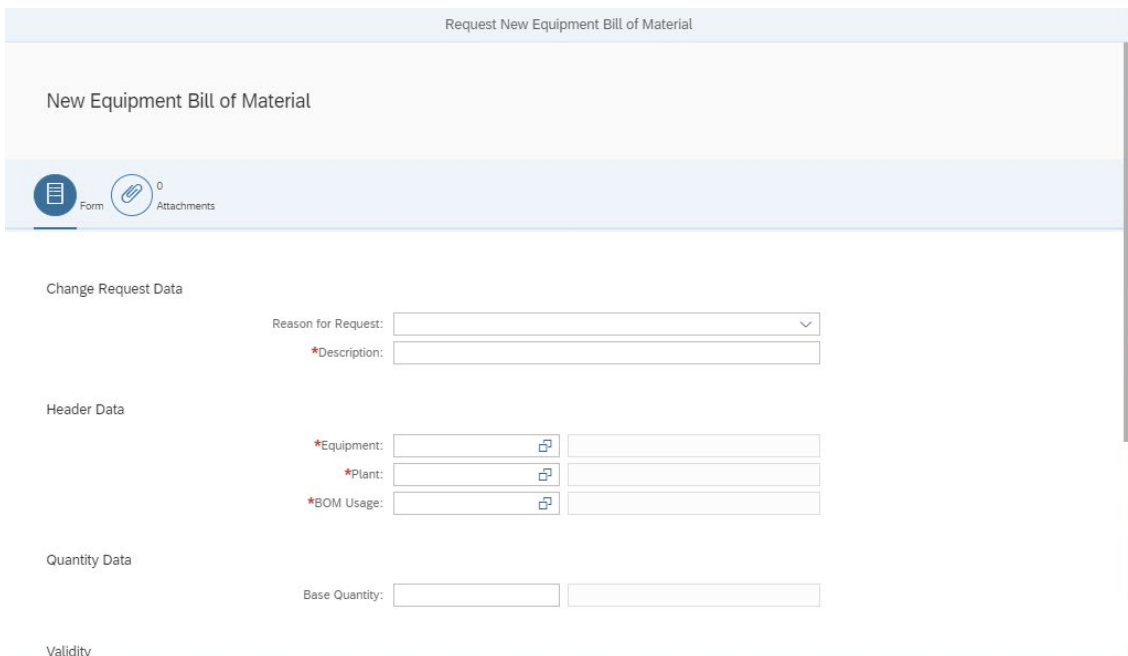
The technical features for the application can be listed as following:

- 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 EQ BOM.



The screenshot displays the 'Request New Equipment Bill of Material' Fiori app interface. The title bar at the top reads 'Request New Equipment Bill of Material'. Below the title bar, the main heading is 'New Equipment Bill of Material'. A navigation bar contains two icons: a document icon labeled 'Form' and a circular arrow icon labeled 'Attachments' with a '0' next to it. The main content area is divided into sections: 'Change Request Data' with a 'Reason for Request' dropdown and a '*Description' text field; 'Header Data' with fields for '*Equipment', '*Plant', and '*BOM Usage', each with a selection icon; 'Quantity Data' with a 'Base Quantity' field; and a 'Validity' section at the bottom.

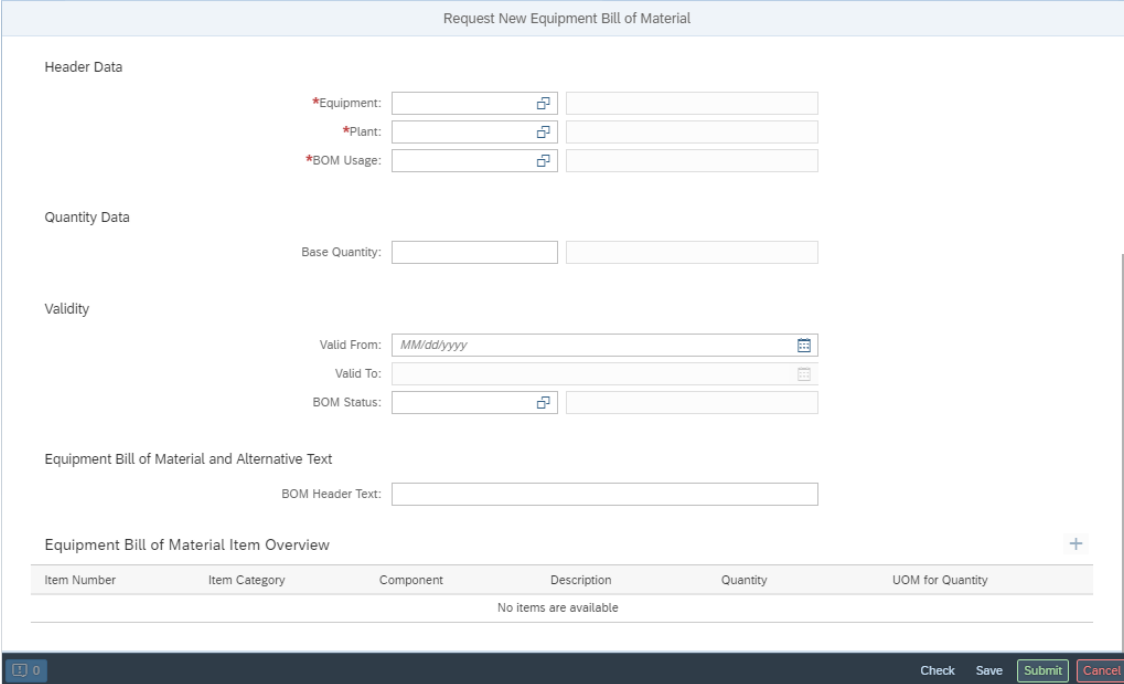


Figure 4: MDG EAM Fiori App – Request New Equipment Bill of Material

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/BOM
	/UGIEAMUI/EAM_LIB

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	UtopiaEquipBillOfMat
Action	requestEBOM
SAPUI5 Application	/UGIEAMUI/EBOM

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_EQBOM_SRV	001
/UGIOD01/F4_HELPES_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_eqbom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_eqbom_srv (001)
	/ugiod01/f4_helpes_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/bom

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOM
	/UGIEAMUI/EAM_LIB

Request New FLOC BOM

This is a transactional application and is used for requesting a new Functional Location 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 FLOC BOM users.
- Option to upload attachments containing request details.
- Creates a FLOC 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

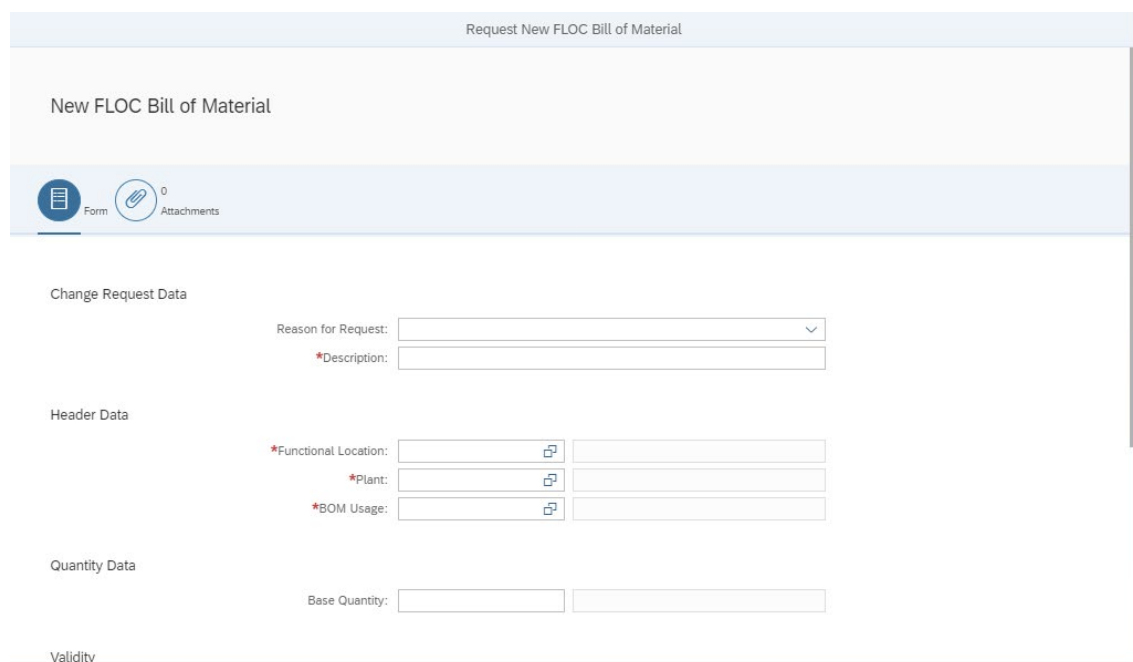
The technical features for the application can be listed as following:

- 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 FLOC BOM.



The screenshot shows the 'Request New FLOC Bill of Material' Fiori app interface. The title bar at the top reads 'Request New FLOC Bill of Material'. Below the title bar, the main heading is 'New FLOC Bill of Material'. A navigation bar contains two icons: a document icon labeled 'Form' and a circular arrow icon labeled 'Attachments'. The main content area is divided into sections for data entry:

- Change Request Data:** Includes a 'Reason for Request' dropdown menu and a 'Description' text field.
- Header Data:** Includes fields for '*Functional Location', '*Plant', and '*BOM Usage', each with a small square icon to its right.
- Quantity Data:** Includes a 'Base Quantity' text field.
- Validity:** A section at the bottom of the form.

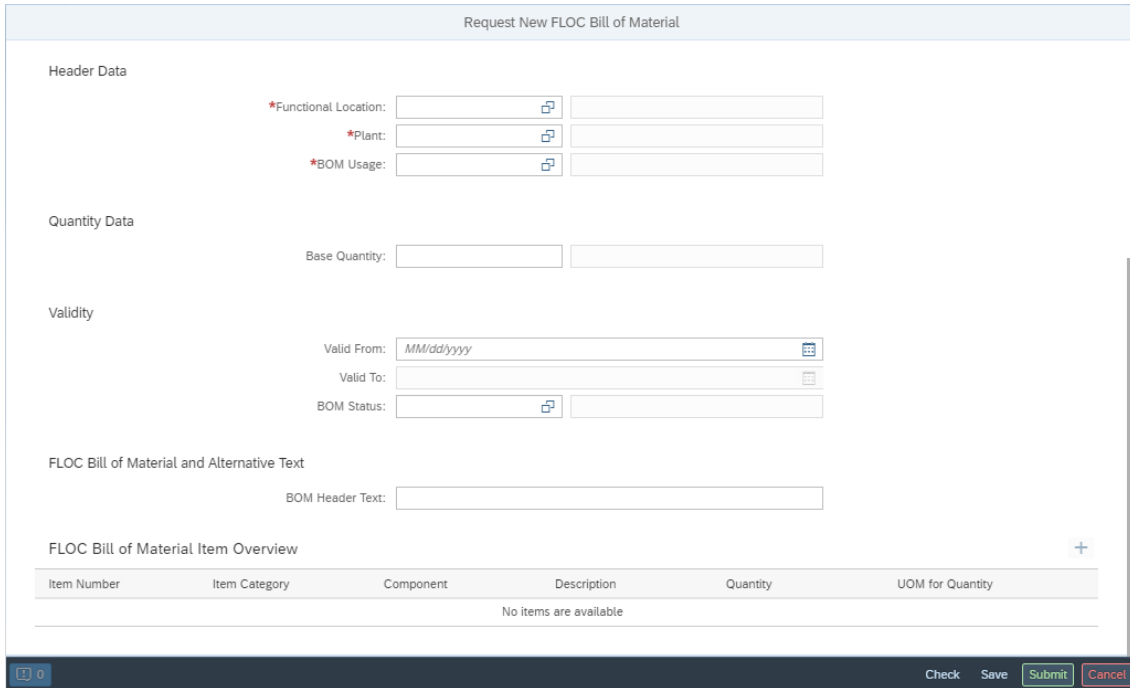


Figure 5: MDG EAM Fiori App – Request New Functional Location Bill of Material

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/BOM
	/UGIEAMUI/EAM_LIB

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	UtopiaFLOCBillOfMat
Action	requestFLBOM
SAPUI5 Application	/UGIEAMUI/FLBOM

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_FLOCBOM_SRV	001
/UGIOD01/F4_HELPERS_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_flocbom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_flocbom_srv (001)
	/ugiod01/f4_helpers_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/bom

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOM
	/UGIEAMUI/EAM_LIB

Request New WBS BOM

This is a transactional application and is used for requesting a new WBS 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 WBS BOM users.
- Option to upload attachments containing request details.
- Creates a WBS 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

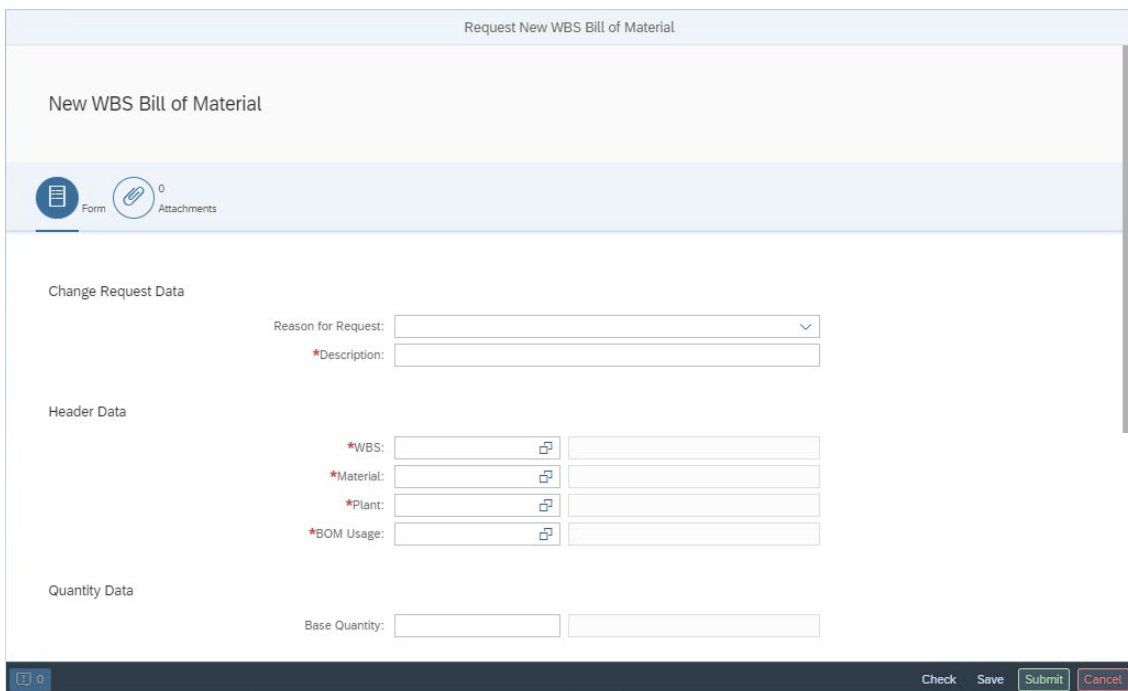
The technical features for the application can be listed as following:

- 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 WBS BOM.



The screenshot shows the 'Request New WBS Bill of Material' Fiori app interface. The title bar at the top reads 'Request New WBS Bill of Material'. Below the title bar, the main content area is titled 'New WBS Bill of Material'. A navigation bar below the title bar shows 'Form' and 'Attachments' (0). The main content area is divided into sections: 'Change Request Data' with a 'Reason for Request' dropdown and a '*Description' text field; 'Header Data' with fields for '*WBS', '*Material', '*Plant', and '*BOM Usage', each with a search icon; and 'Quantity Data' with a 'Base Quantity' text field. At the bottom, there is a footer bar with 'Check', 'Save', 'Submit', and 'Cancel' buttons.

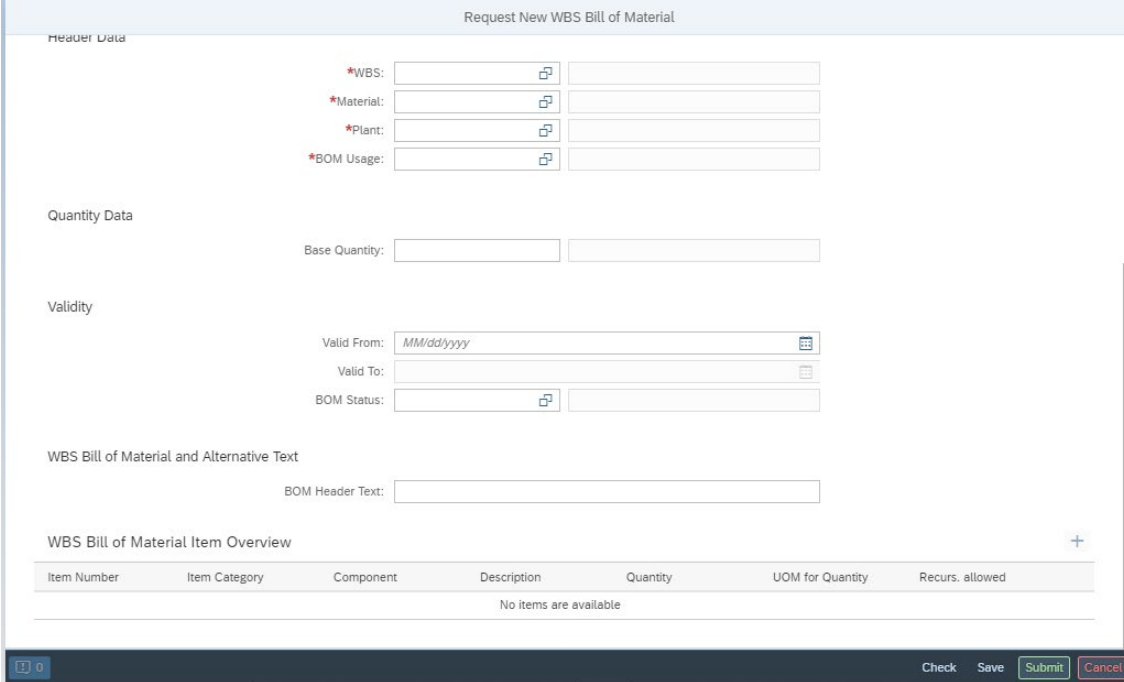


Figure 6: MDG EAM Fiori App – Request New WBS Bill of Material

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/BOM
	/UGIEAMUI/EAM_LIB

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	UtopiaWorkBreakBillOfMat
Action	requestWBSBOM
SAPUI5 Application	/UGIEAMUI/WBSBOM

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_WSBOM_SRV	001
/UGIOD01/F4_HELPES_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_wsbom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_wsbom_srv (001)
	/ugiod01/f4_helpes_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/bom

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOM

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 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

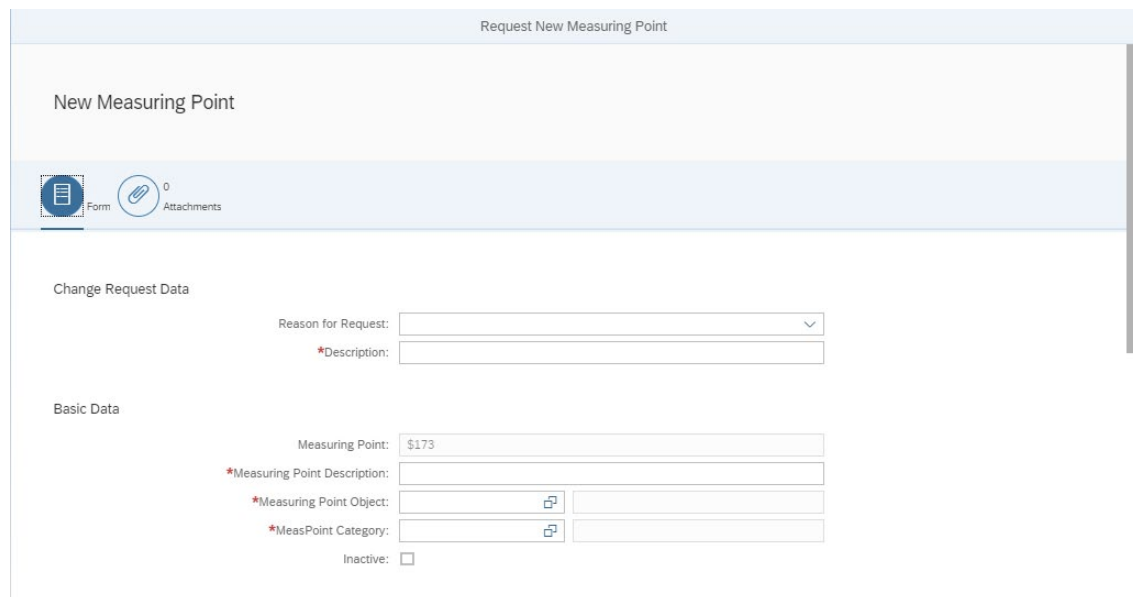
The technical features for the application can be listed as following:

- 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. At the top, there is a header bar with the title 'Request New Measuring Point'. Below the header, the main content area is titled 'New Measuring Point'. Under this title, there are two icons: a document icon labeled 'Form' and a paperclip icon labeled '0 Attachments'. The form is divided into two sections: 'Change Request Data' and 'Basic Data'. In the 'Change Request Data' section, there is a 'Reason for Request' dropdown menu and a required field for 'Description'. In the 'Basic Data' section, there is a 'Measuring Point' field with the value '\$173', a required field for 'Measuring Point Description', a required field for 'Measuring Point Object' with a search icon (F4 help), and a required field for 'Measuring Point Category' with a search icon (F4 help). At the bottom of the 'Basic Data' section, there is an 'Inactive' checkbox.

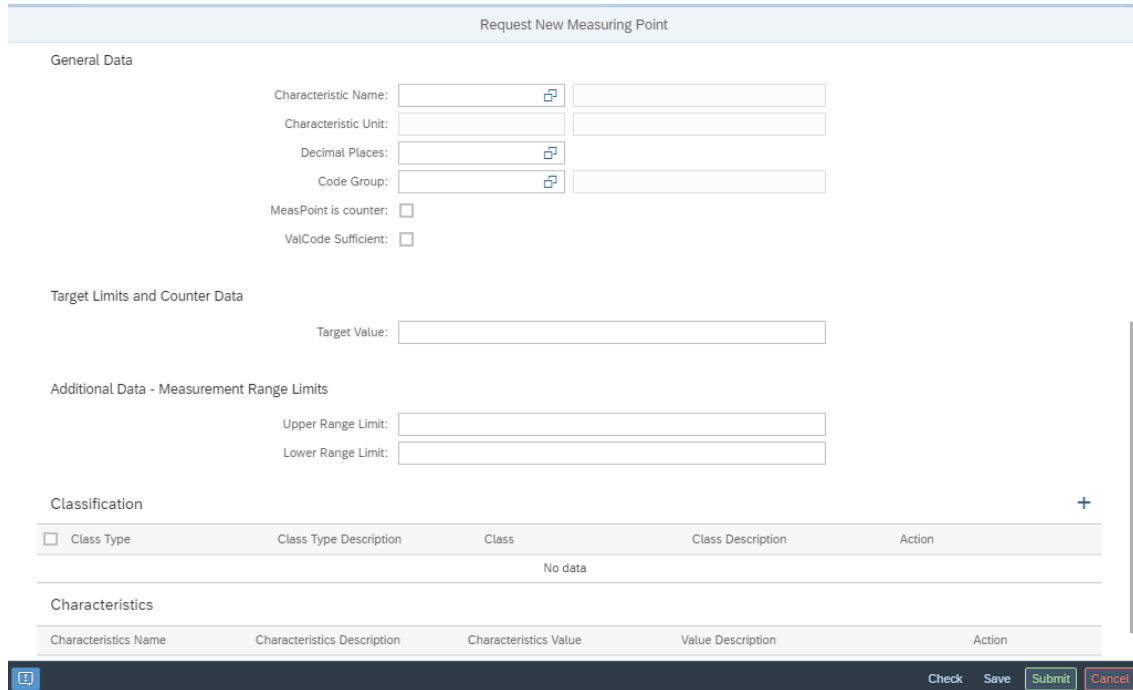


Figure 7: MDG EAM Fiori App – Request new Measuring Point.

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
	/UGIEAMUI/EAM_LIB

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	UtopiaMeasuringPoint
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.

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_MSPOINT_SRV	001
/UGIOD01/F4_HELPES_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)
	/ugiod01/f4_helpes_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
	/UGIEAMUI/EAM_LIB

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 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

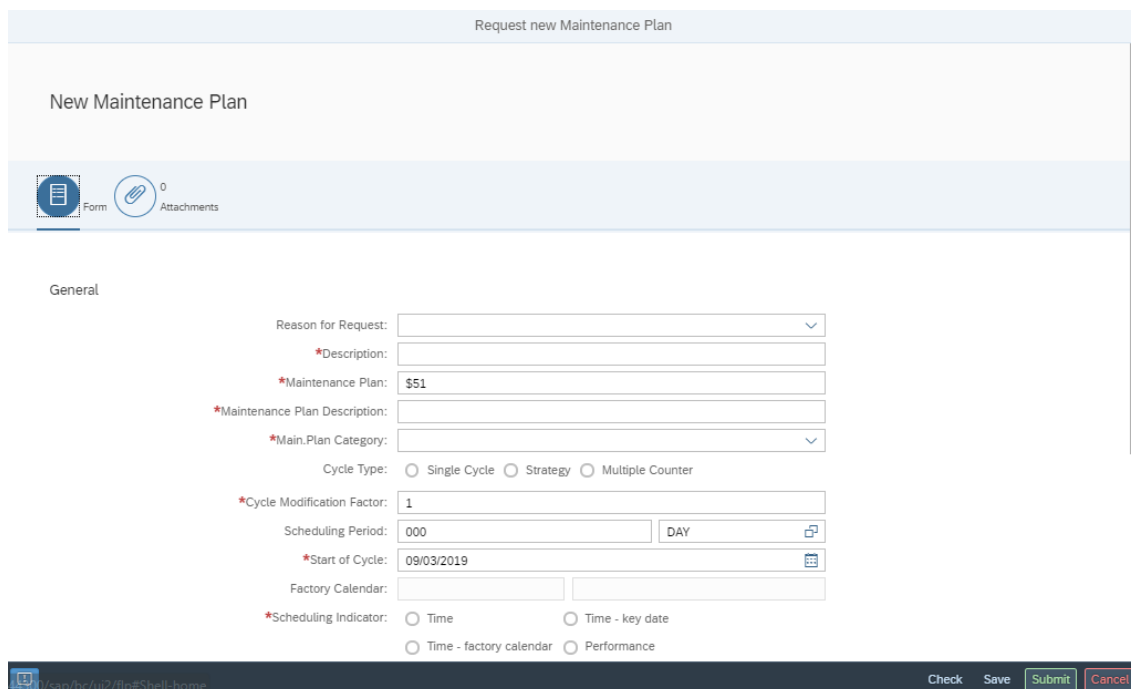
The technical features for the application can be listed as following:

- 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.



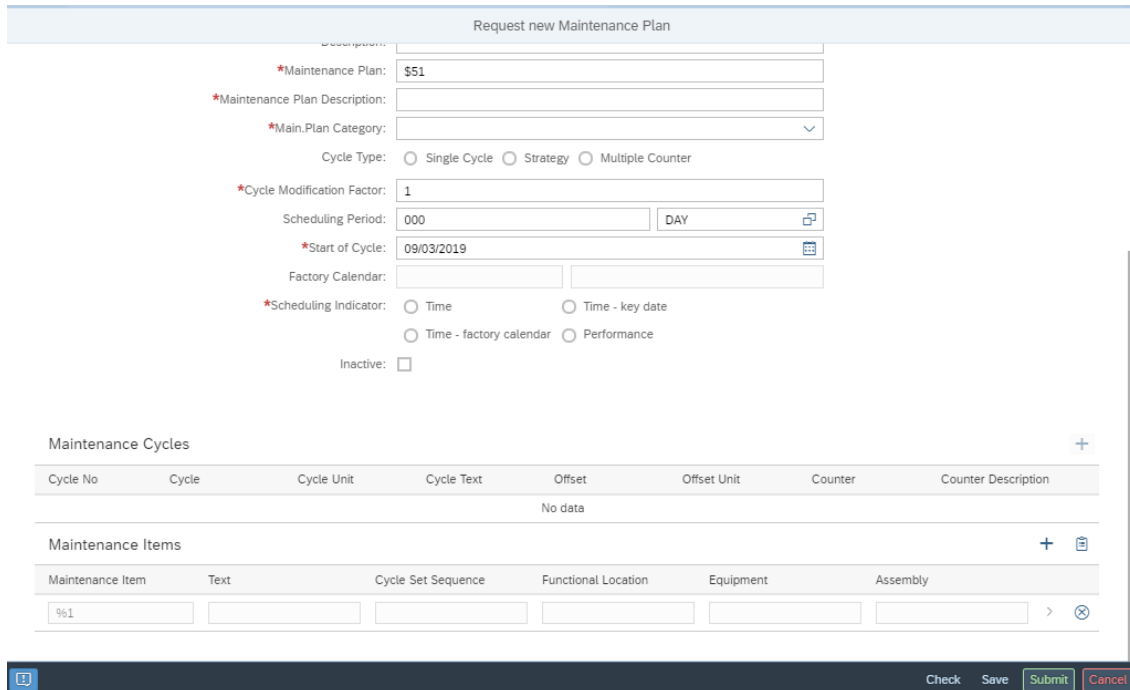


Figure 8: MDG EAM Fiori App – Request new Maintenance Plan

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
	/UGIEAMUI/EAM_LIB

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	UtopiaMaintenancePlanItem
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
/UGIOD01/F4_HELPES_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)
	/ugiod01/f4_helpes_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
	/UGIEAMUI/EAM_LIB

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 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

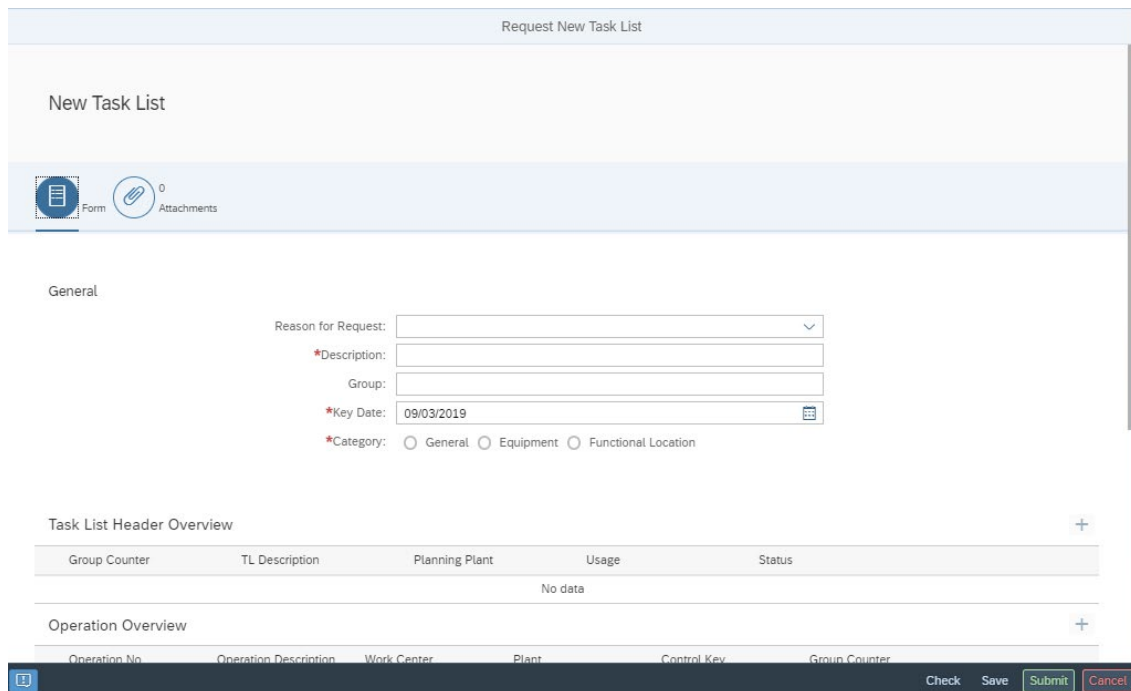
The technical features for the application can be listed as following:

- 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.

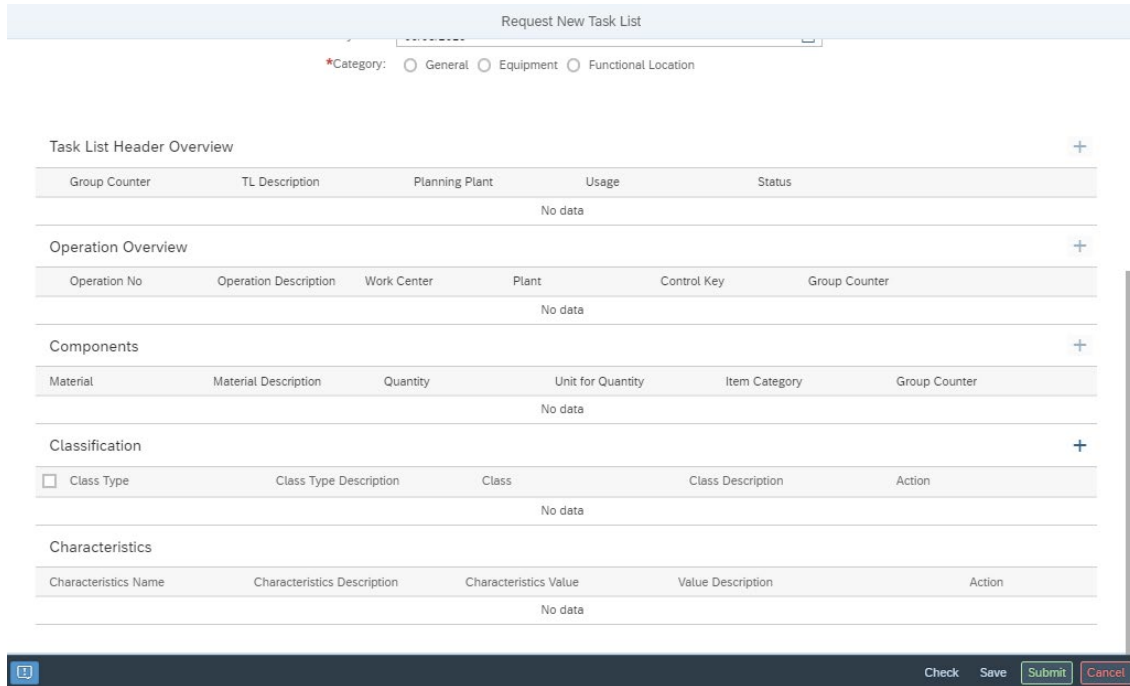
For more information about virus scanning and scan profiles for SAP Fiori apps, see [Virus Scanning](#).

Product Features

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



The screenshot shows the 'Request New Task List' Fiori application interface. At the top, there is a header bar with the title 'Request New Task List'. Below the header, the main content area is titled 'New Task List'. On the left side of the main content area, there are two icons: a document icon labeled 'Form' and a circular icon with a plus sign labeled 'Attachments'. The main content area is divided into sections. The first section is 'General', which contains several input fields: 'Reason for Request' (a dropdown menu), '*Description' (a text field), 'Group' (a text field), '*Key Date' (a date field with a calendar icon, showing '09/03/2019'), and '*Category' (radio buttons for 'General', 'Equipment', and 'Functional Location'). Below the 'General' section is a 'Task List Header Overview' section, which contains a table with columns: 'Group Counter', 'TL Description', 'Planning Plant', 'Usage', and 'Status'. The table is currently empty, showing 'No data'. Below the 'Task List Header Overview' section is an 'Operation Overview' section, which contains a table with columns: 'Operation No.', 'Operation Description', 'Work Center', 'Plant', 'Control Key', and 'Group Counter'. The table is also empty. At the bottom of the interface, there is a footer bar with buttons for 'Check', 'Save', 'Submit', and 'Cancel'.



Request New Task List

*Category: ☐ General ☐ Equipment ☐ Functional Location

Task List Header Overview

Group Counter	TL Description	Planning Plant	Usage	Status
No data				

Operation Overview

Operation No	Operation Description	Work Center	Plant	Control Key	Group Counter
No data					

Components

Material	Material Description	Quantity	Unit for Quantity	Item Category	Group Counter
No data					

Classification

<input type="checkbox"/> Class Type	Class Type Description	Class	Class Description	Action
No data				

Characteristics

Characteristics Name	Characteristics Description	Characteristics Value	Value Description	Action
No data				

Check Save Submit Cancel

Figure 9: 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
	/UGIEAMUI/EAM_LIB

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	UtopiaTaskList
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
/UGIOD01/F4_HELPERS_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)
	/ugiod01/f_helpers_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
	/UGIEAMUI/EAM_LIB

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 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

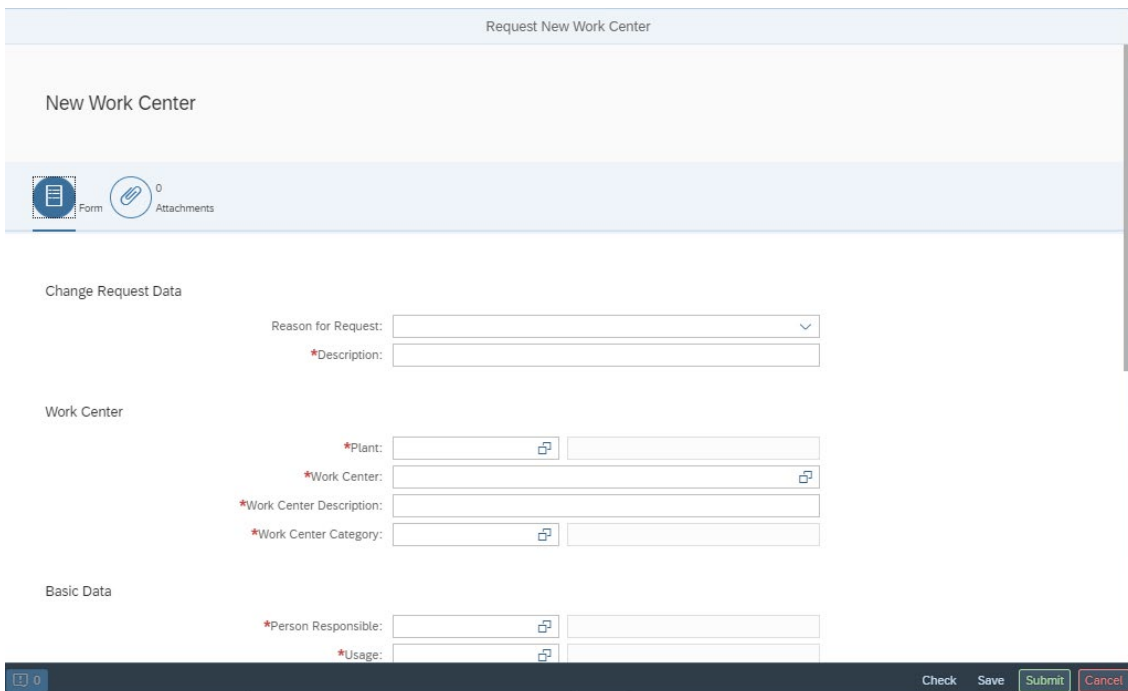
The technical features for the application can be listed as following:

- 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 application interface. The title bar at the top reads 'Request New Work Center'. Below the title bar, the main content area is titled 'New Work Center'. A navigation bar below the title contains two icons: a document icon labeled 'Form' and a circular arrow icon labeled 'Attachments' with a '0' next to it. The form is divided into three sections: 'Change Request Data', 'Work Center', and 'Basic Data'. The 'Change Request Data' section includes a 'Reason for Request' dropdown menu and a required field for '*Description:'. The 'Work Center' section includes required fields for '*Plant:', '*Work Center:', '*Work Center Description:', and '*Work Center Category:', each with a small square icon to its right. The 'Basic Data' section includes required fields for '*Person Responsible:' and '*Usage:', each with a small square icon to its right. At the bottom of the form, there is a dark blue bar with a small icon on the left and four buttons on the right: 'Check', 'Save', 'Submit', and 'Cancel'.

Request New Work Center


*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							

Classification 

<input type="checkbox"/> Class Type	Class Type Description	Class	Class Description	Action
No data				

Characteristics

Characteristics Name	Characteristics Description	Characteristics Value	Value Description	Action
No data				

Check Save **Submit** **Cancel**

Figure 10: 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
	/UGIEAMUI/EAM_LIB

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	UtopiaWorkCenter
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
/UGIOD01/F4_HELPES_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)
	/ugiod01/f4_helpes_srv

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
	/UGIEAMUI/EAM_LIB

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 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

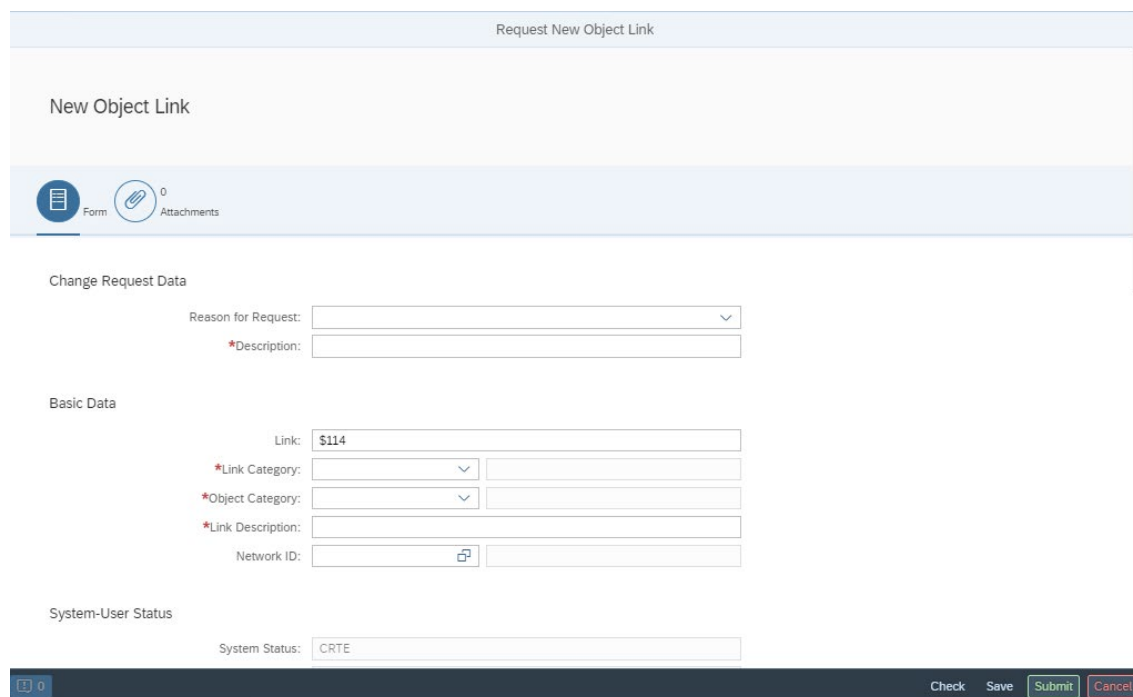
The technical features for the application can be listed as following:

- 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 application interface. The title bar at the top reads 'Request New Object Link'. Below the title bar, the main content area is titled 'New Object Link'. A navigation bar below the title contains a 'Form' icon and an 'Attachments' icon with a '0' next to it. The form is divided into several sections:

- Change Request Data:** Contains a 'Reason for Request:' dropdown menu and a required field '*Description:'.
- Basic Data:** Contains a 'Link:' field with the value '\$114', a required field '*Link Category:' with a dropdown, a required field '*Object Category:' with a dropdown, a required field '*Link Description:', and a 'Network ID:' field with a copy icon.
- System-User Status:** Contains a 'System Status:' field with the value 'CRTE'.

At the bottom of the form, there is a footer bar with icons for 'Check', 'Save', 'Submit', and 'Cancel'.

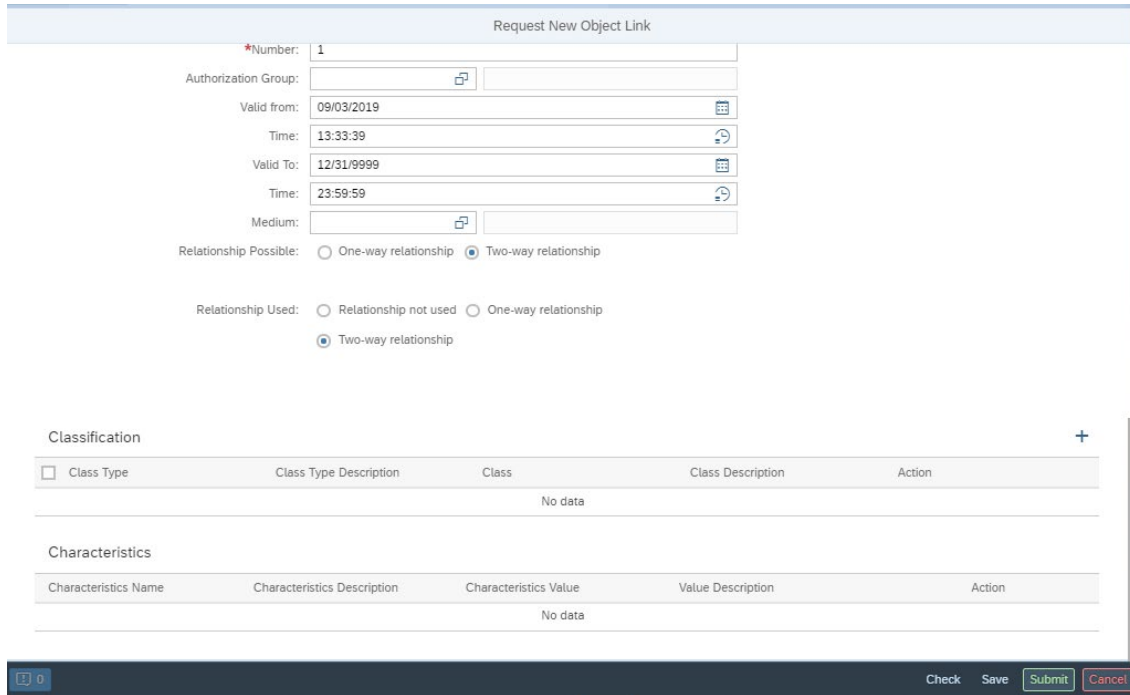


Figure 11: MDG EAM Fiori App – Request New Object Link

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
	/UGIEAMUI/EAM_LIB

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	ObjectLink
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
/UGIOD01/F4_HELPERS_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)
	/ugiod01/f4_helpers_srv

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
	/UGIEAMUI/EAM_LIB

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 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

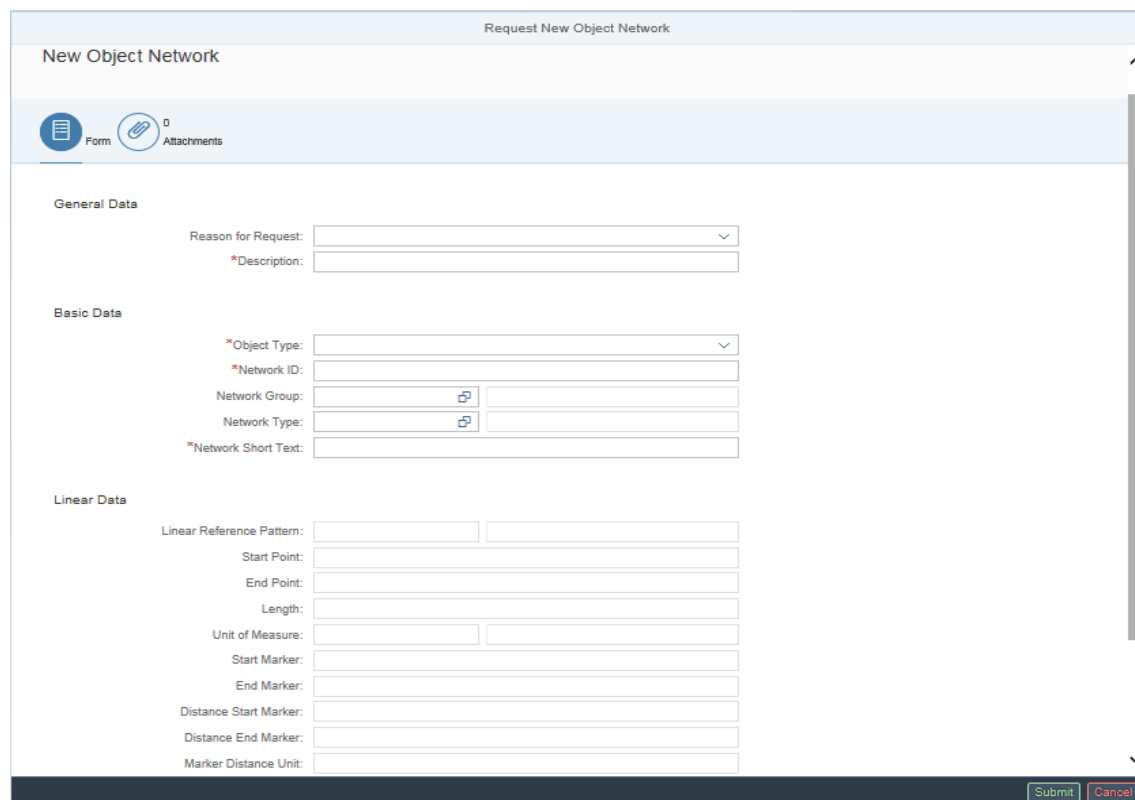
The technical features for the application can be listed as following:

- 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.



The screenshot shows the 'Request New Object Network' Fiori application interface. The title bar at the top reads 'Request New Object Network'. Below the title bar, there is a header section with 'New Object Network' and a tabbed interface showing 'Form' and 'Attachments' (with 0 attachments). The main form is divided into three sections: 'General Data', 'Basic Data', and 'Linear Data'. The 'General Data' section includes 'Reason for Request' (a dropdown menu) and '*Description' (a text field). The 'Basic Data' section includes '*Object Type' (a dropdown menu), '*Network ID' (a text field), 'Network Group' (a text field with a selection icon), 'Network Type' (a text field with a selection icon), and '*Network Short Text' (a text field). The 'Linear Data' section includes 'Linear Reference Pattern' (a text field), 'Start Point' (a text field), 'End Point' (a text field), 'Length' (a text field), 'Unit of Measure' (a text field), 'Start Marker' (a text field), 'End Marker' (a text field), 'Distance Start Marker' (a text field), 'Distance End Marker' (a text field), and 'Marker Distance Unit' (a text field). At the bottom right of the form, there are 'Submit' and 'Cancel' buttons.

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							

+ -

Submit Cancel

Figure 12: 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
	/UGIEAMUI/EAM_LIB

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	ObjectNetwork
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
/UGIOD01/F4_HELPES_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)
	/ugiod01/f4_helpes_srv

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
	/UGIEAMUI/EAM_LIB

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 Change MDG EAM Equipment 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.

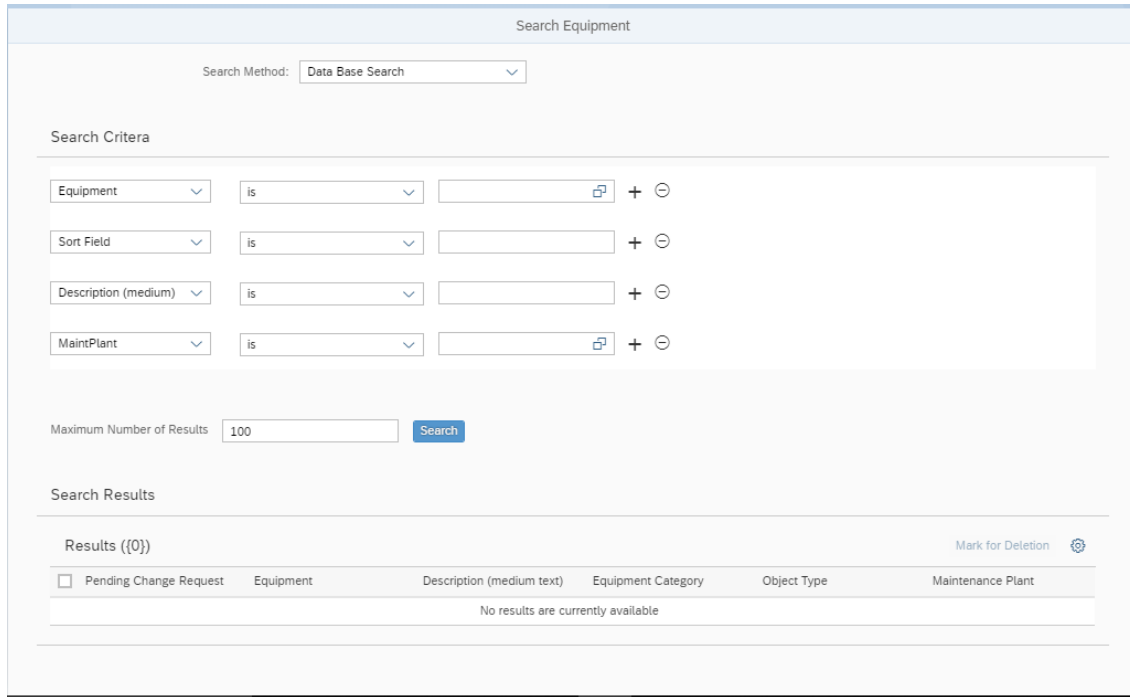


Figure 13: MDG EAM Fiori App – Change Equipment

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
	/UGIEAMUI/EAM_LIB

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	UtopiaEquipment
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
/UGIOD01/F4_HELPES_SRV/	001
/UGIOD01/EQUI_DB_SRCH_SRV	001
/UGIOD01/EQUI_HA_SRCH_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)
	/ugiod01/f4_helpes_srv (001)
	/ugiod01/equi_db_srch_srv (001)
	/ugiod01/equi_ha_srch_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
	/UGIEAMUI/EAM_LIB

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 Change MDG EAM Functional Location 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.

Search Functional Location


Search Method: Data Base Search

Search Criteria

Functional Location	is		+ -
Description (medium)	is		+ -
Planning Plant	is		+ -
MaintPlant	is		+ -

Maximum Number of Results Search

Search Results

Results ({0}) Mark for Deletion 

<input type="checkbox"/> Pending Change Request	Functional Location	Functional Location Description	Geometry Exists	Rank	FunctLocCategory
No results are currently available					

Figure 14: 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
	/UGIEAMUI/EAM_LIB

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	UtopiaFunctionalLocation
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.

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_FLOC_SRV	001
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/FUNCLOC_DB_SRCH_SRV	001
/UGIOD01/FUNCLOC_HA_SRCH_SRV	001
/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)
	/ugiod01/f4_helpes_srv (001)
	/ugiod01/funcloc_db_srch_srv (001)
	/ugiod01/funcloc_ha_srch_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
	/UGIEAMUI/EAM_LIB

Change Material BOM

This is a transactional application used for requesting a new change Material BOM 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 Change MDG EAM Material BOM users.
- Option to upload attachments containing request details.
- Creates a Material BOM 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.
- Support MM integration – create Material at BOM item level

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 Material BOM Change.

Search Material Bill of Material

Search Method: Data Base Search

Search Criteria

Material is + -

Alternative is + -

Usage is + -

Plant is + -

Maximum Number of Results 100 Search

Search Results

Results (0)

☐ Pending Change Request Bill of Material Material Plant BOM Usage Alternative BOM

No results are currently available

Figure 15: MDG EAM Fiori App – Change Material BOM

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/BOMCHG
	/UGIEAMUI/EAM_LIB
	/UGIEAMUI/MAT

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	MatBillOfMaterial
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

Change mat		
Business Catalog (Launchpad)	/UGIEAMUI/MDG_MAT_BC_REQ_T	Master Data Material Requestor (MDG) - Content
PFCG role for Business Catalog	/UGIEAMUI/MDG_MAT_BCR_REQ_T	Master Data Material Requestor (MDG) - App Content

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
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/PMBOMHDR_DB_SRCH_SRV	001
/UGIOD01/PMBOMHDR_HA_SRCH_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)
	/ugiod01/fr_helps_srv (001)
	/ugiod01/pmbomhdr_db_srch_srv (001)
	/ugiod01/pmbomhdr_ha_srch_srv (001)
	/ugiod01/odata_gen_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/bomchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOMCHG
	/UGIEAMUI/EAM_LIB
	/UGIEAMUI/MAT

Change EQ BOM

This is a transactional application used for requesting a new change EQ 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 Change MDG EAM EQ Bill of Material users.
- Option to upload attachments containing request details.
- Creates an EQ 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 EQ Bill of Material Change.

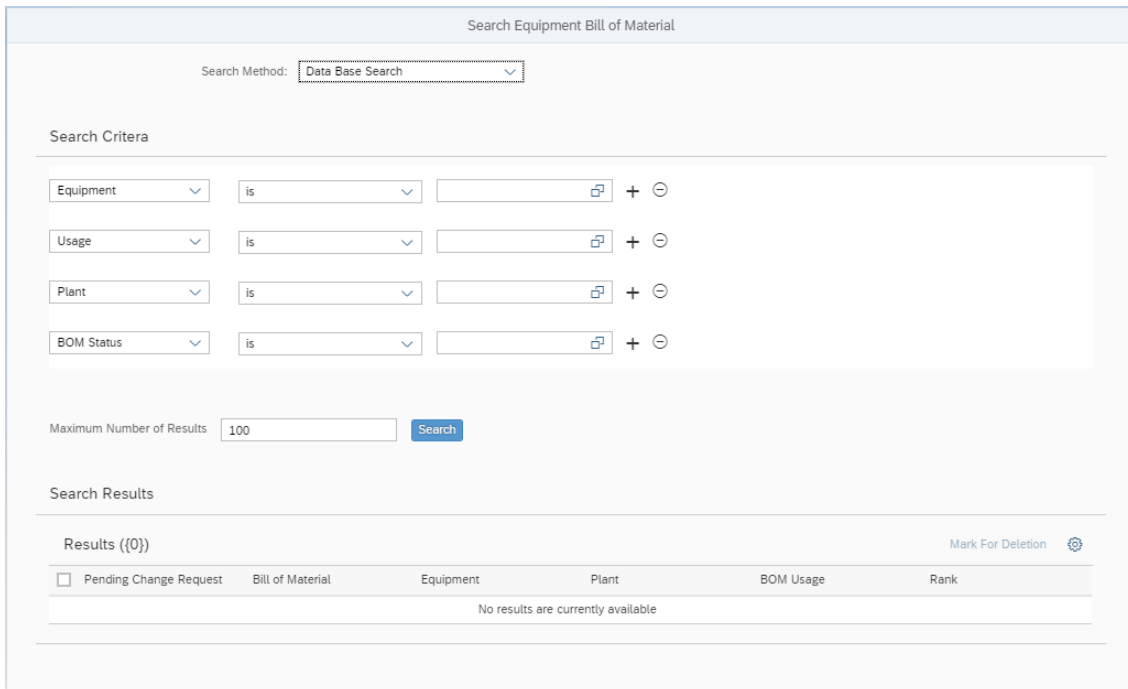


Figure 16: MDG EAM Fiori App – Change EQ Bill of Material

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/BOMCHG
	/UGIEAMUI/EAM_LIB

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	UtopiaEquipBillOfMat
Action	changeEBOM

SAPUI5 Application	/UGIEAMUI/EBOMCHG
---------------------------	-------------------

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_EQBOM_SRV	001
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/EQBOMHDR_DB_SRCH_SRV	001
/UGIOD01/EQBOMHDR_HA_SRCH_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_eqbom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_eqbom_srv (001)
	/ugiod01/f4_helpes_srv (001)
	/ugiod01/eqbomhdr_db_srch_srv (001)
	/ugiod01/eqbomhdr_ha_srch_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/bomchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOMCHG
	/UGIEAMUI/EAM_LIB

Change FLOC BOM

This is a transactional application used for requesting a new change FLOC 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 Change MDG EAM FLOC Bill of Material users.
- Option to upload attachments containing request details.
- Creates a FLOC 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 FLOC Bill of Material Change.

Search FLOC Bill of Material

Search Method: Data Base Search

Search Criteria

Usage is + -

Functional Loc. is + -

Plant is + -

BOM Status is + -

Maximum Number of Results 100 Search

Search Results

Results (0)

☐ Pending Change Request Bill of Material Functional Location Plant BOM Usage Rank

No results are currently available

Figure 17: MDG EAM Fiori App – Change FLOC 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/BOMCHG
	/UGIEAMUI/EAM_LIB

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	UtopiaFLOCBillOfMat
Action	changeFLBOM
SAPUI5 Application	/UGIEAMUI/FLBOMCHG

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_FLOCBOM_SRV	001
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/FLBOMHDR_DB_SRCH_SRV	001
/UGIOD01/FLBOMHDR_HA_SRCH_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_flocbom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_flocbom_srv (001)
	/ugiod01/f4_helpes_srv (001)
	/ugiod01/flbomhdr_db_srch_srv (001)
	/ugiod01/flbomhdr_db_srch_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/flbomchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/BOMCHG

Change WBS BOM

This is a transactional application used for requesting a new change WBS 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 Change MDG EAM WBS Bill of Material users.
- Option to upload attachments containing request details.
- Creates a WBS 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 WBS Bill of Material Change.

Search WBS Bill of Material

Search Method: Data Base Search

Search Criteria

Material	is		+ -
WBS Element	is		+ -
Usage	is		+ -
Plant	is		+ -

Maximum Number of Results 100 Search

Search Results

Results (0)

<input type="checkbox"/>	Pending Change Request	Bill of Material	WBS Element	Material	Plant	BOM Usage
No results are currently available						

Mark For Deletion

Figure 18: MDG EAM Fiori App – Change WBS 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/BOMCHG
	/UGIEAMUI/EAM_LIB

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	UtopiaWorkBreakBillOfMat
Action	changeWBSBOM
SAPUI5 Application	/UGIEAMUI/WBSBOMCHG

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_WSBOM_SRV	001
/UGIOD01/F4_HELPERS_SRV	001
/UGIOD01/WBSBOMHDR_DB_SEARCH_SRV	001
/UGIOD01/WBSBOMHDR_HA_SEARCH_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_wsbom_srv

Component	Technical Name
OData Service (Version Number)	/ugiod01/mdg_eam_wsbom_srv (001)
	/ugiod01/f4_helpers_srv (001)
	/ugiod01/wbsbomhdr_db_search_srv (001)
	/ugiod01/wbsbomhdr_db_search_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/bomchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/WBSBOMCHG

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 Change MDG EAM Measuring Point 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.

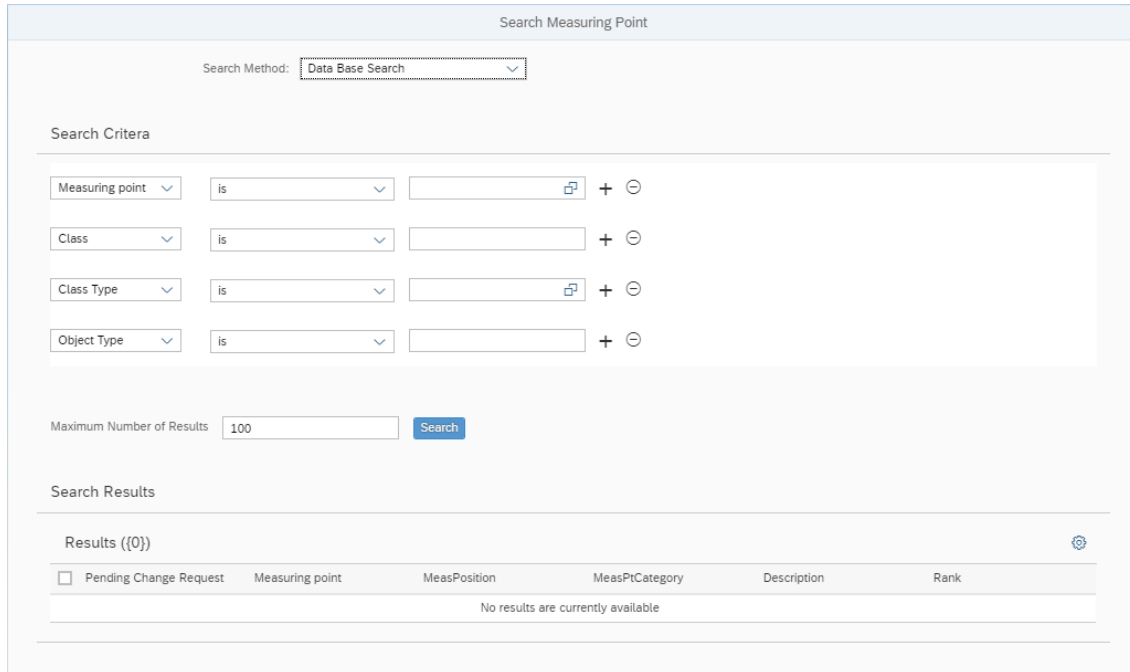


Figure 19: MDG EAM Fiori App – Change Measuring Point

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
	/UGIEAMUI/EAM_LIB

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	UtopiaMeasuringPoint
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
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/MSPOINT_DB_SRCH_SRV	001
/UGIOD01/MSPOINT_HA_SRCH_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)
	/ugiod01/f4_helpes_srv (001)
	/ugiod01/mspoint_db_srch_srv (001)
	/ugiod01/mspoint_ha_srch_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 Change MDG EAM Maintenance Plan 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.

Search Maintenance Plan

Search Method: Data Base Search

Search Criteria

MaintenancePlan	is		+	-
MPlan cat.	is		+	-
MaintPlanText	is		+	-
Sort field	is		+	-

Maximum Number of Results 100 Search

Search Results

Results ({0}) Mark For Deletion ⚙

	Pending Change Request	MaintenancePlan	MPlan category	MaintPlanText	AuthorizGroup	Sort field
No results are currently available						

Figure 20: 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
	/UGIEAMUI/EAM_LIB

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	UtopiaMaintenancePlanItem
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
/UGIOD01/F4_HELPES_SRV	001
/UGIOD01/MPLAN_DB_SRCH_SRV	001
/UGIOD01/MPLAN_HA_SRCH_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)
	/ugiod01/f4_helpes_srv (001)
	/ugiod01/mplan_db_srch_srv
	/ugiod01/mplan_ha_srch_srv

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
	/UGIEAMUI/EAM_LIB

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 Change MDG EAM Task List 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:

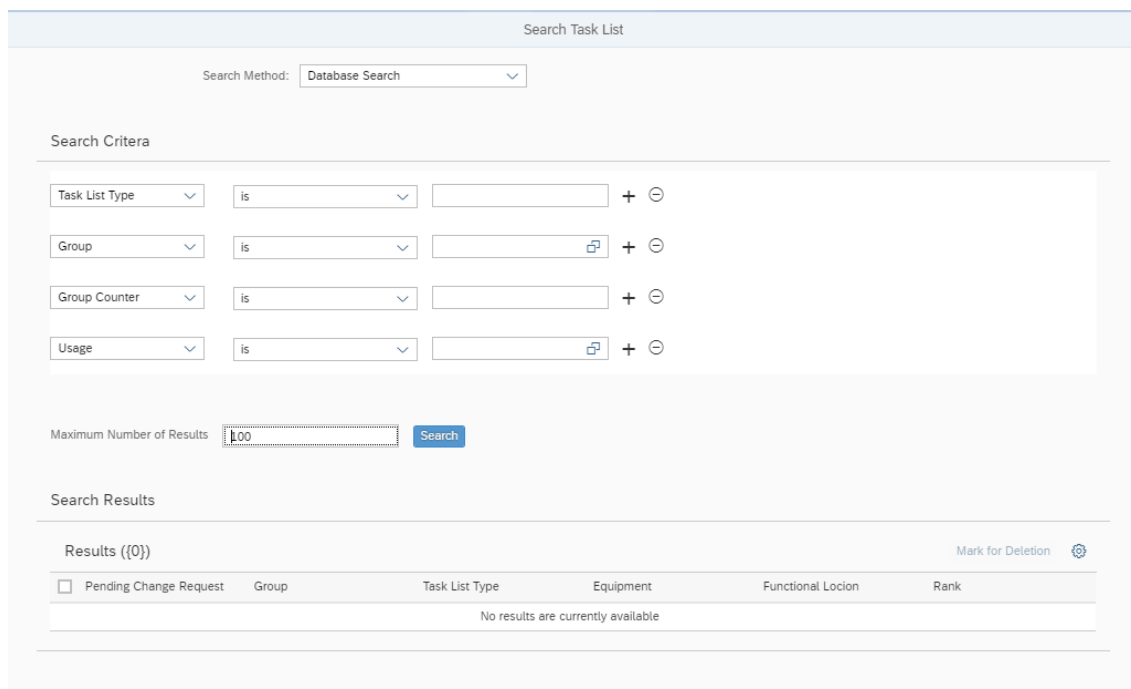
- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate **virus scanner** in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

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.



Search Task List

Search Method: Database Search

Search Criteria

Task List Type	is		+	⊖
Group	is		+	⊖
Group Counter	is		+	⊖
Usage	is		+	⊖

Maximum Number of Results: 100 Search

Search Results

Results (0)

Pending Change Request	Group	Task List Type	Equipment	Functional Locion	Rank
No results are currently available					

Figure 21: 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
	/UGIEAMUI/EAM_LIB

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	UtopiaTaskList
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.

i Note

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

OData Service	Version
---------------	---------

/UGIOD01/MDG_EAM_TASKLIST_SRV	001
/UGIOD01/F4_HELPERS_SRV	001
/UGIOD01/TASKLIST_DB_SRCH_SRV	001
/UGIOD01/TASKLIST_HA_SRCH_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)
	/ugiod01/f4_helpers_srv (001)
	/ugiod01/tasklist_db_srch_srv (001)
	/ugiod01/tasklist_ha_srch_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
	/UGIEAMUI/EAM_LIB

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 Change MDG EAM Work Center 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.

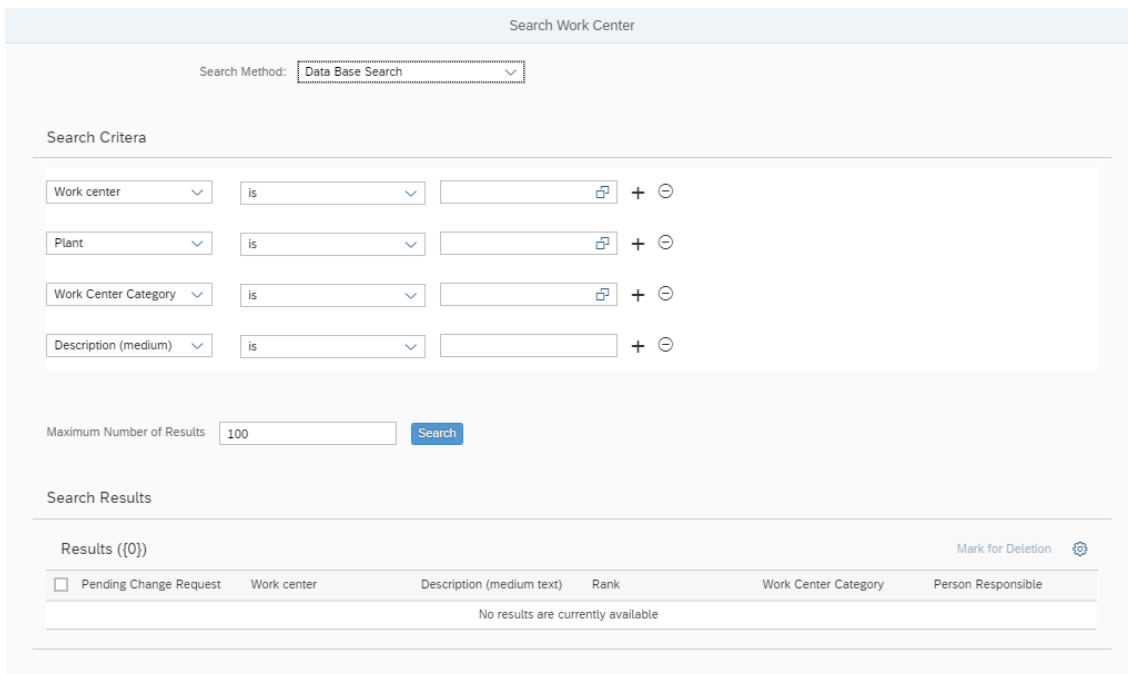


Figure 22: MDG EAM Fiori App – Change Work Center

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
	/UGIEAMUI/EAM_LIB

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	UtopiaWorkCenter
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
/UGIOD01/F4_HELPERS_SRV	001
/UGIOD01/WORKCNTR_DB_SRCH_SRV	001
/UGIOD01/WORKCNTR_HA_SRCH_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)
	/ugiod01/f4_helps_srv (001)
	/ugiod01/workcntr_db_srch_srv (001)
	/ugiod01/ workcntr_ha_srch_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
	/UGIEAMUI/EAM_LIB

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 Change MDG EAM Object Link 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.

Search Object Link

Search Method: Data Base Search

Search Criteria

Object Link is + -

Class is + -

Class Type is + -

Object Type is + -

Maximum Number of Results 100 Search

Search Results

Results ({0}) Mark for Deletion

<input type="checkbox"/> Pending Change Request	Object Link	Link description	Rank	Object Category	Network ID
No results are currently available					

Figure 23: 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
	/UGIEAMUI/EAM_LIB

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	ObjectLink
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
/UGIOD01/F4_HELPERS_SRV	001
/UGIOD01/OBJLINK_DB_SRCH_SRV	001
/UGIOD01/OBJLINK_HA_SRCH_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)
	/ugiod01/f4_helpers_srv (001)
	/ugiod01/objlink_db_srch_srv (001)
	/ugiod01/objlink_ha_srch_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
	/UGIEAMUI/EAM_LIB

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 Change MDG EAM Object Network 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 Method: Data Base Search

Search Criteria

Network ID is + ⊖

Class is + ⊖

Class Type is + ⊖

Object Link is + ⊖

Maximum Number of Results 100 Search

Search Results

Results ({0}) Mark for Deletion

<input type="checkbox"/>	Pending Change Request	Network ID	Rank	Network Group	Network Type	Deletion Indicator
No results are currently available						

Figure 24: 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
	/UGIEAMUI/EAM_LIB

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	ObjectNetwork
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
/UGIOD01/F4_HELPERS_SRV	001
/UGIOD01/OBJNETWORK_DB_SRCH_SRV	001
/UGIOD01/OBJNETWORK_HA_SRCH_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)
	/ugiod01/f4_helpers_srv (001)
	/ugiod01/objnetwork_db_srch_srv (001)
	/ugiod01/objnetwork_ha_srch_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
	/UGIEAMUI/EAM_LIB

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.

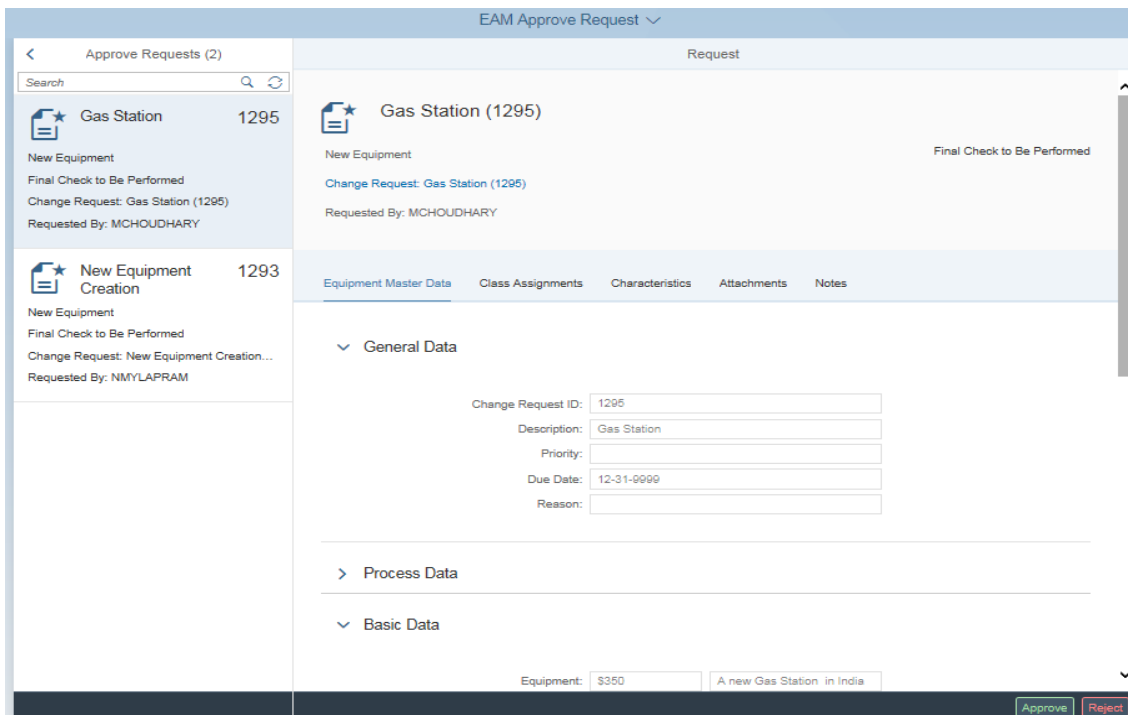
Technical Features

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.



EAM Approve Request

Approve Requests (2)

- Gas Station 1295**
New Equipment
Final Check to Be Performed
Change Request: Gas Station (1295)
Requested By: MCHOUDHARY
- New Equipment Creation 1293**
New Equipment
Final Check to Be Performed
Change Request: New Equipment Creation...
Requested By: NMYLAPRAM

Request

Gas Station (1295)
New Equipment
Final Check to Be Performed
Change Request: Gas Station (1295)
Requested By: MCHOUDHARY

Equipment Master Data | Class Assignments | Characteristics | Attachments | Notes

General Data

Change Request ID: 1295
Description: Gas Station
Priority:
Due Date: 12-31-9999
Reason:

Process Data

Basic Data

Equipment: \$350 | A new Gas Station in India

Approve **Reject**

Figure 25: 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	UtopiaEAMChangeRequest
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.

Note

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 subdivided into multiple objects.

The following screen displays the MDG Fiori App Launchpad:

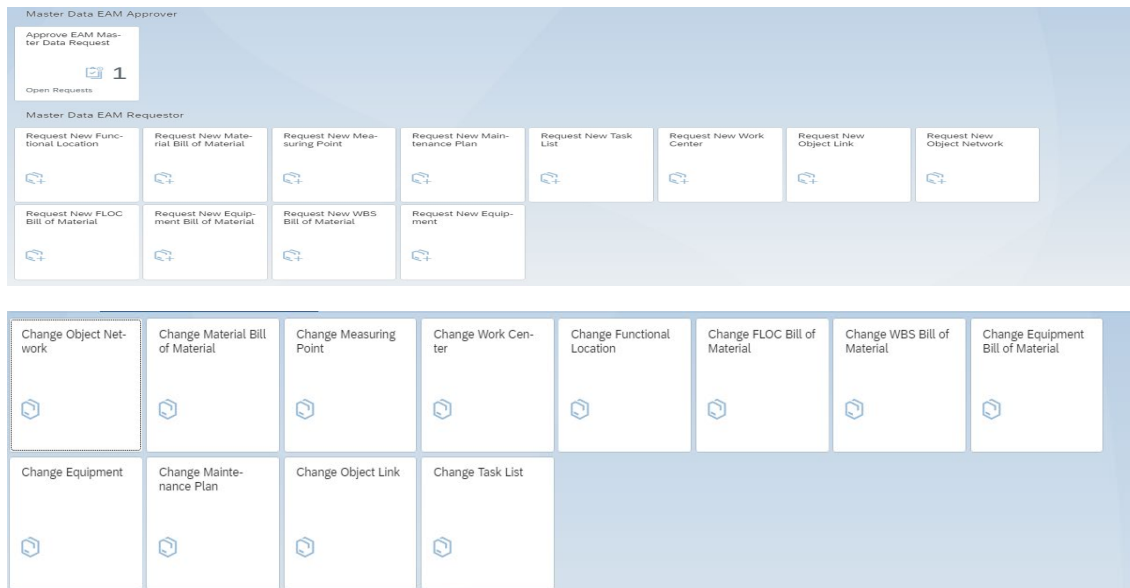


Figure 26: MDG EAM Fiori App Launchpad

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

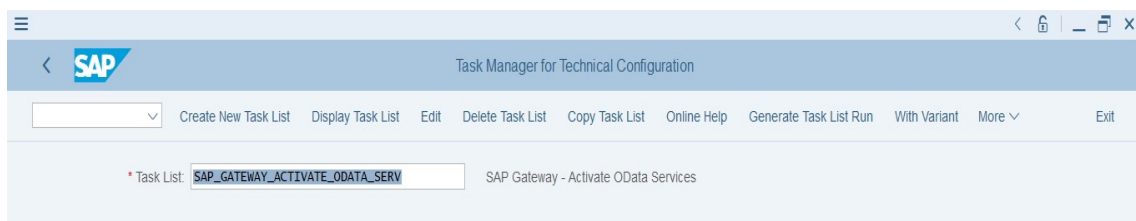
Assigning OData Service Authorizations to Users. You must assign OData service authorizations for the app to your users.

Mass OData service configuration

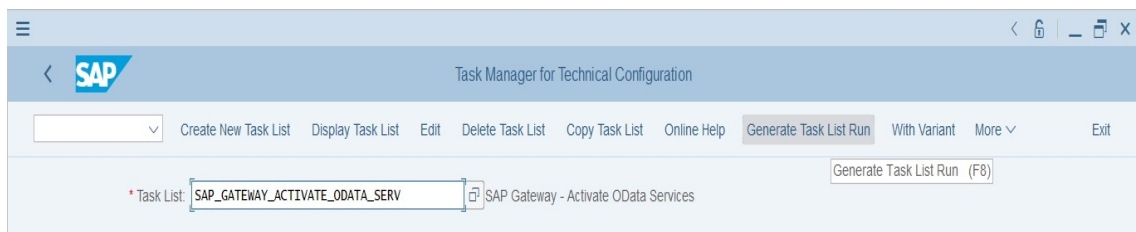
Assigning system alias and activation of OData service - SICF node for multiple OData service using sap T-code STC01.

Steps:

1. Go to T-code STC01.
2. Enter T-code - SAP_GATEWAY_ACTIVATE_ODATA_SERV.



3. Click on 'Generate Task List Run' as below –



4. Now, User has a choice of passing the Package or the names of OData Services to be activated.

SAP Maintain Task List Run SAP_GATEWAY_ACTIVATE_ODATA_SERV_201909041339081

Task List: SAP_GATEWAY_ACTIVATE_ODATA_SERV SAP Gateway - Activate OData Services

Task List Run: SAP_GATEWAY_ACTIVATE_ODATA_SERV_20190904133908149

Ex.	C.	St.	Log Phase	Comp.	Task Description	H...	P...	Parameter Description
✓	⌂	⌂	Prepare	CTS	Set transport options for to be activated OData Services	⌂	⌂	Prefix: Z / Package: \$TMP
☐	⌂	⌂	Configuration	GATEWA	Define OData Services for Activation	⌂	⌂	
☐	⌂	⌂	Configuration	GATEWA	Select Processing Mode / System Alias for Activation	⌂	⌂	
☐	⌂	⌂	Configuration	GATEWA	Select OData Services for Activation	⌂	⌂	

Log for Task 'Set transport options for to be activated OData Services' - Application Component BC-INS-TC-CNT

Execution Identifier Type Message Text LTxt Date Time User

Save Cancel

Select 'Define OData Services for Activation' and click on 'Fill Parameters' as below

SAP Maintain Task List Run SAP_GATEWAY_ACTIVATE_ODATA_SERV_201909041339081

Task List: SAP_GATEWAY_ACTIVATE_ODATA_SERV SAP Gateway - Activate OData Services

Task List Run: SAP_GATEWAY_ACTIVATE_ODATA_SERV_20190904133908149

Ex.	C.	St.	Log Phase	Comp.	Task Description	H...	P...	Parameter Description
✓	⌂	⌂	Prepare	CTS	Set transport options for to be activated OData Services	⌂	⌂	Prefix: Z / Package: \$TMP
✓	⌂	⌂	Configuration	GATEWA	Define OData Services for Activation	⌂	⌂	Fill Parameters
☐	⌂	⌂	Configuration	GATEWA	Select Processing Mode / System Alias for Activation	⌂	⌂	
☐	⌂	⌂	Configuration	GATEWA	Select OData Services for Activation	⌂	⌂	

Log for Task 'Define OData Services for Activation' - Application Component BC-INS-TC-CNT

Execution Identifier Type Message Text LTxt Act Date Time User

Task 'Define OData Services for Activation' set in scope

Save Cancel

- New popup would appear – fill the names of OData services to be activated

≡
Define OData Services
✕

Enter list of OData Services

(for service version use <SPACE> as delimiter)

✂ 📄 📁 ↶ ↷ 🔍 🔍' ⬆ ⬇

```

/UGIOD01/F4_HELPES_SRV 01
/UGIOD01/MDG_APPROVE_CR_SRV 01
/UGIOD01/MDG_EAM_EQBOM_SRV 01

```

Continue Cancel Information

*Note: - Fill the names followed by <SPACE> version Number, as shown above, alternatively, Enter as per list (as in '**List of EAM ODATA Services**' below) as required to activate all OData Services in one go.*

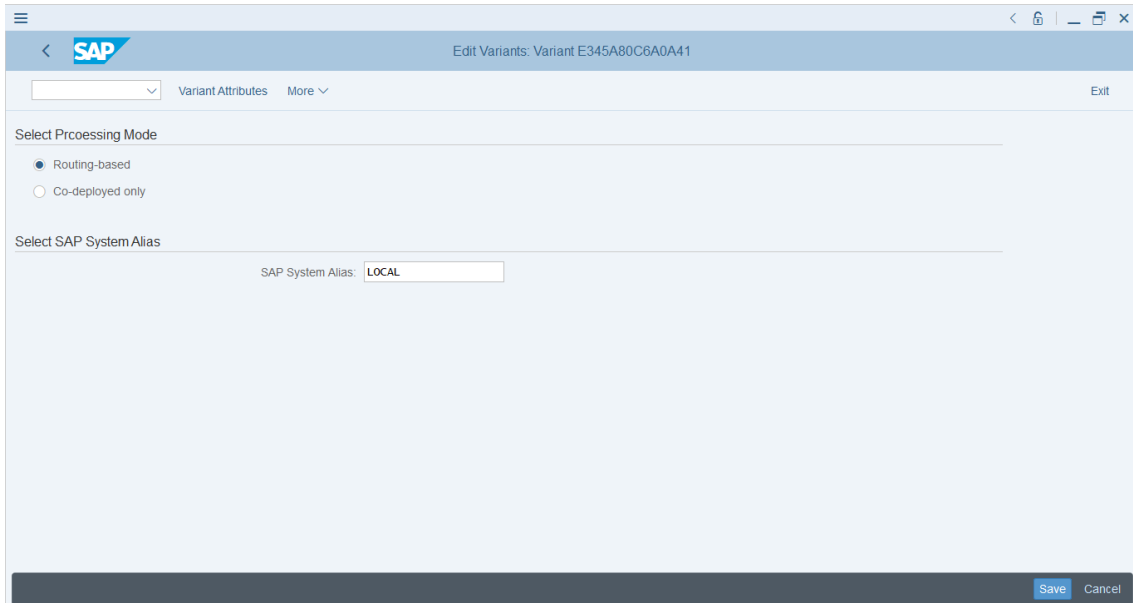
The below are the list of EAM ODATA Services.

/UGIOD01/EQBOMHDR_DB_SRCH_SRV 01
/UGIOD01/EQBOMHDR_HA_SRCH_SRV 01
/UGIOD01/EQUI_DB_SRCH_SRV 01
/UGIOD01/EQUI_HA_SRCH_SRV 01
/UGIOD01/F4_HELPES_SRV 01
/UGIOD01/FLBOMHDR_DB_SRCH_SRV 01
/UGIOD01/FLBOMHDR_HA_SRCH_SRV 01
/UGIOD01/FUNCLOC_DB_SRCH_SRV 01
/UGIOD01/FUNCLOC_HA_SRCH_SRV 01
/UGIOD01/MDG_APPROVE_CR_SRV 01
/UGIOD01/MDG_EAM_EQBOM_SRV 01
/UGIOD01/MDG_EAM_EQUIPMENT_SRV 01
/UGIOD01/MDG_EAM_FLOC_SRV 01

/UGIOD01/MDG_EAM_FLOCBOM_SRV 01
/UGIOD01/MDG_EAM_MPMI_SRV 01
/UGIOD01/MDG_EAM_MROBOM_SRV 01
/UGIOD01/MDG_EAM_MSPOINT_SRV 01
/UGIOD01/MDG_EAM_OBJECT_LINK_SRV 01
/UGIOD01/MDG_EAM_OBJECTNETWORK_SRV 01
/UGIOD01/MDG_EAM_TASKLIST_SRV 01
/UGIOD01/MDG_EAM_WORKCENTER_SRV 01
/UGIOD01/MDG_EAM_WSBOM_SRV 01
/UGIOD01/MPLAN_DB_SRCH_SRV 01
/UGIOD01/MPLAN_HA_SRCH_SRV 01
/UGIOD01/MSPOINT_DB_SRCH_SRV 01
/UGIOD01/MSPOINT_HA_SRCH_SRV 01
/UGIOD01/OBJLINK_DB_SRCH_SRV 01
/UGIOD01/OBJLINK_HA_SRCH_SRV 01
/UGIOD01/OBJNETWRK_DB_SRCH_SRV 01
/UGIOD01/OBJNETWRK_HA_SRCH_SRV 01
/UGIOD01/PMBOMHDR_DB_SRCH_SRV 01
/UGIOD01/PMBOMHDR_HA_SRCH_SRV 01
/UGIOD01/TASKLIST_DB_SRCH_SRV 01
/UGIOD01/TASKLIST_HA_SEARCH_SRV 01
/UGIOD01/TLEQHDR_DB_SRCH_SRV 01
/UGIOD01/TLEQHDR_HA_SRCH_SRV 01
/UGIOD01/TLFLHDR_DB_SRCH_SRV 01
/UGIOD01/TLFLHDR_HA_SRCH_SRV 01
/UGIOD01/TLGNHDR_DB_SRCH_SRV 01
/UGIOD01/TLGNHDR_HA_SRCH_SRV 01
/UGIOD01/WBSBOMHDR_DB_SEARCH_SRV 01
/UGIOD01/WBSBOMHDR_HA_SRCH_SRV 01
/UGIOD01/WORKCNTR_DB_SRCH_SRV 01
/UGIOD01/WORKCNTR_HA_SRCH_SRV 01
/UGIOD01/ODATA_GEN_SRV 01

b. Click Continue

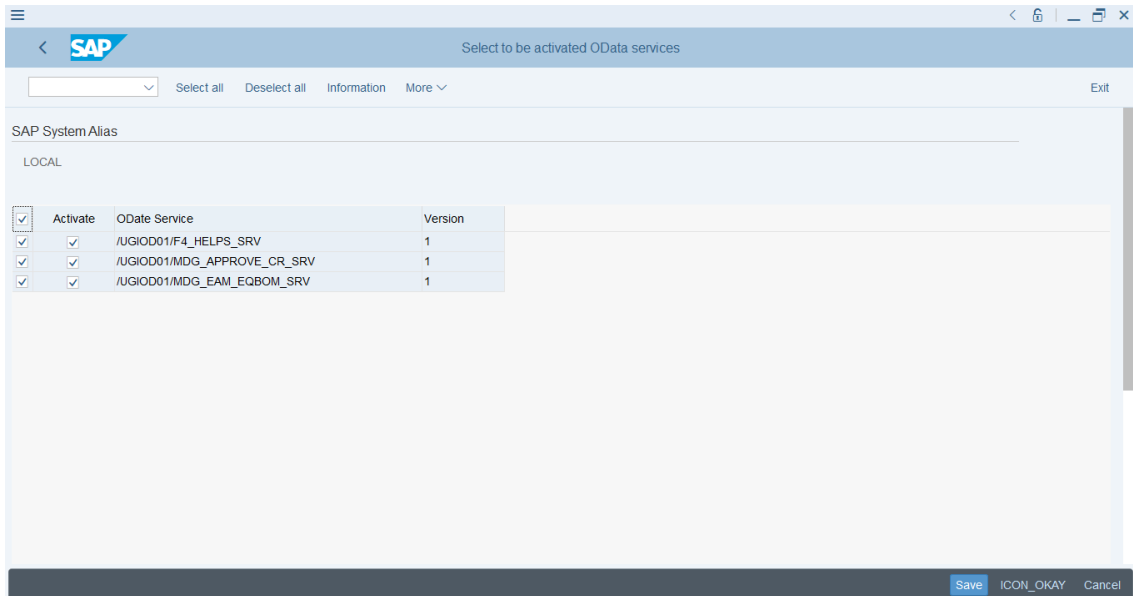
5. Select 'Select Processing Mode / System Alias for Activation' for adding System Alias and click on 'Fill Parameters'



Note: - Enter System Alias as required (ex.- LOCAL, as shown above)

- a. Click SAVE
- b. Click EXIT

6. Select 'Select OData Services for Activation' for confirming the names of services and click on 'Fill Parameters'



Activate	OData Service	Version
<input checked="" type="checkbox"/>	/UGIOD01/F4_HELP_SSRV	1
<input checked="" type="checkbox"/>	/UGIOD01/MDG_APPROVE_CR_SSRV	1
<input checked="" type="checkbox"/>	/UGIOD01/MDG_EAM_EQBOM_SSRV	1

Note: - Select All as shown above

- a. Click SAVE
- b. Click EXIT

Click on 'Start/Resume Task List Run in Dialog' – this completes the steps and all services selected are activated with System Alias properly.

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 Material BOM](#)
- [Request New EQ BOM](#)
- [Request New FLOC BOM](#)
- [Request New WBS BOM](#)
- [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 Material BOM](#)
- [Change EQ BOM](#)
- [Change FLOC BOM](#)
- [Change WBS BOM](#)
- [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_9 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

Applications	Business Functions	Change Request Types	Business Activities
Functional Location		FUNCLO01	UFL1
Material BOM		MATBOM01	UMB1
EQ BOM		EQBOM01	UEB1
FLOC BOM		FLBOM01	UFB1
WBS BOM		WBSBOM01	UWB1
Measuring Point		MEASPT01	UMS1
Maintenance Plan		MPLAN01	UMP1
Task List		TSLIST01 TLFL01 TLEQ01	UTL1, FTL1, ETL1
Work Center		WRKCTR01	UWC1
Object Link		OBJLNK01	UOL1
Material		UMAT01	MAT1
Object Network		OBJNET01	UON1
Change Equipment		EQMAST02	UEQ2
Change Functional Location		FUNCLO02	UFL2
Change Material BOM		MATBOM02	UMB2
Change EQ BOM		EQBOM02	UEB2
Change FLOC BOM		FLBOM02	UFB2
Change WBS BOM		WBSBOM02	UWB2
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

Analytics Configuration

The section explains the app-specific data required to configure Analytics.



Analytics Fiori EAM
Configuration Guide

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

Term / Abbreviation	Description
t-code	SAP Transaction Code
UI	User Interface
NW	NetWeaver