



Implementation Guide for Fiori Application for EAM Solutions by Utopia

Release EAM 9.2

Document History

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

Version	Date	Description	Name
1.0	22-10-2018	Initial version	Saurabh Parikh/ Rashmi P

Approval History

Version	Date	Description	Name
1.0	22-10-2018	Final version	Kumar Saurav

Table of Contents

Introduction.....	10
Purpose	10
Audience.....	10
Prerequisite	10
System Landscape Requirements	10
EAM Fiori App Implementation	12
Required Back-End Product.....	12
Line of Business	12
Application Type	12
Database	13
Implementation Information.....	13
Installation.....	13
Configuration	13
Configuring SAP EAM Fiori Applications for MDG.....	14
Set System Alias	14
Assigning System Alias for OData Services.....	15
Activate ICF Nodes for OData Services	17
Appendix 1: Application Details	19
Request New Equipment.....	19
Key Features.....	20
Technical Features	20
Product Features	20
Configuration Details.....	22
Technical Configuration	22
OData Services	23
Implementation Tasks.....	23
Request New Functional Location.....	23
Key Features.....	24
Technical Features	24
Product Features	24
Configuration Details.....	26
Technical Configuration	26
OData Services	26

Implementation Tasks	27
Request New Material BOM	27
Key Features	27
Technical Features	27
Product Features	27
Configuration Details	28
Technical Configuration	29
OData Services	29
Implementation Tasks	29
Request New Equipment BOM	30
Key Features	30
Technical Features	30
Product Features	30
Configuration Details	31
Technical Configuration	32
OData Services	32
Implementation Tasks	32
Request New FLOC BOM	33
Key Features	33
Technical Features	33
Product Features	33
Configuration Details	34
Technical Configuration	35
OData Services	35
Implementation Tasks	35
Request New WBS BOM	36
Key Features	36
Technical Features	36
Product Features	36
Configuration Details	37
Technical Configuration	38
OData Services	38
Implementation Tasks	38
Request New Measuring Point	39

Key Features.....	39
Technical Features	39
Product Features	39
Configuration Details.....	40
Technical Configuration	41
OData Services	41
Implementation Tasks.....	41
Request New Maintenance Plan	42
Key Features.....	42
Technical Features	42
Product Features	42
Configuration Details.....	43
Technical Configuration	44
OData Services	44
Implementation Tasks.....	44
Request New Task List.....	45
Key Features.....	45
Technical Features	45
Product Features	45
Configuration Details.....	46
Technical Configuration	47
OData Services	47
Implementation Tasks.....	47
Request New Work Center	48
Key Features.....	48
Technical Features	48
Product Features	48
Configuration Details.....	49
Technical Configuration	50
OData Services	50
Implementation Tasks.....	50
Request New Object Links	51
Key Features.....	51
Technical Features	51

Product Features	51
Configuration Details.....	53
Technical Configuration	53
OData Services	54
Implementation Tasks	54
Request New Object Networks.....	54
Key Features.....	54
Technical Features	55
Product Features	55
Configuration Details.....	56
Technical Configuration	56
OData Services	57
Implementation Tasks	57
Change Equipment.....	58
Key Features.....	58
Technical Features	58
Product Features	58
Configuration Details.....	59
Technical Configuration	59
OData Services	60
Implementation Tasks	60
Change Functional Location.....	60
Key Features.....	60
Technical Features	61
Product Features	61
Configuration Details.....	61
Technical Configuration	62
Implementation Tasks	62
Change Material BOM	63
Key Features.....	63
Technical Features	63
Product Features	63
Configuration Details.....	64
Technical Configuration	64

OData Services	65
Implementation Tasks	65
Change EQ BOM	65
Key Features	65
Technical Features	66
Product Features	66
Configuration Details	66
Technical Configuration	67
OData Services	67
Implementation Tasks	67
Change FLOC BOM	68
Key Features	68
Technical Features	68
Product Features	68
Configuration Details	69
Technical Configuration	69
OData Services	70
Implementation Tasks	70
Change WBS BOM	70
Key Features	70
Technical Features	71
Product Features	71
Configuration Details	71
Technical Configuration	72
OData Services	72
Implementation Tasks	72
Change Measuring Point	73
Key Features	73
Technical Features	73
Product Features	73
Configuration Details	74
Technical Configuration	74
OData Services	75
Implementation Tasks	75

Change Maintenance Plan	75
Key Features.....	75
Technical Features	76
Product Features	76
Configuration Details.....	76
Technical Configuration	77
OData Services	77
Change Task List.....	78
Key Features.....	78
Technical Features	78
Product Features	78
Configuration Details.....	79
Technical Configuration	79
OData Services	80
Implementation Tasks.....	80
Change Work Center.....	80
Key Features.....	81
Technical Features	81
Product Features	81
Configuration Details.....	81
Technical Configuration	82
OData Services	82
Implementation Tasks.....	82
Change Object Links	83
Key Features.....	83
Technical Features	83
Product Features	83
Configuration Details.....	84
Technical Configuration	84
OData Services	85
Implementation Tasks.....	85
Change Object Networks.....	85
Key Features.....	86
Technical Features	86

Product Features	86
Configuration Details.....	86
OData Services	87
Implementation Tasks.....	87
Approve EAM Master Data	88
Key Features.....	88
Technical Features	88
Product Features	88
Configuration Details.....	89
Technical Configuration	89
OData Services	90
Implementation Tasks.....	90
MDG EAM Fiori App Launchpad.....	90
Additional Steps	91
Front-End Server and Back-End Server.....	91
Implementing Lean Request Apps in Master Data Governance EAM (MDG EAM)	91
Prerequisites.....	92
Appendix 2: Glossary and Abbreviations	93

Introduction

This document covers the requirements and the tasks necessary to implement Fiori App (application) on EAM 9.2 Solutions for MDG by Utopia.

Purpose

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

Audience

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

The primary audience comprises of the following:

- System administrators responsible for installing and configuring SAP Fiori App on Utopia EAM Solutions for MDG by Utopia.
- 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 103 SP00 MDG 803 SP00.

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

- Front-end components

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

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

- Back-end components

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

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

Note

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

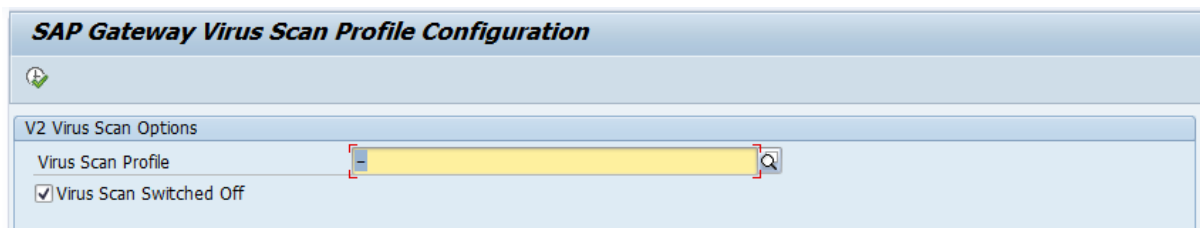
The required software components for the app are contained in the listed product instances:

App Component	Required SAP Product Version (Support Package Stack)	Available Instances Containing Software Component	Software Component Required for App (Support Package)
Front-end components	UI for Utopia EAM	<ul style="list-style-type: none"> • UI for MDG NW752 SP 00 	UGIEAMUI – Utopia Software Component
Back-end components	SAP Master Data Governance 802 (Initial Shipment Stack)	<ul style="list-style-type: none"> • MDG UI Ext. on S4CORE 102 • Master Data Governance • SAPGWFND 753 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.



The screenshot shows the 'SAP Gateway Virus Scan Profile Configuration' window. Under the 'V2 Virus Scan Options' section, there is a 'Virus Scan Profile' field with a dropdown menu and a search icon. Below it, the checkbox 'Virus Scan Switched Off' is checked.

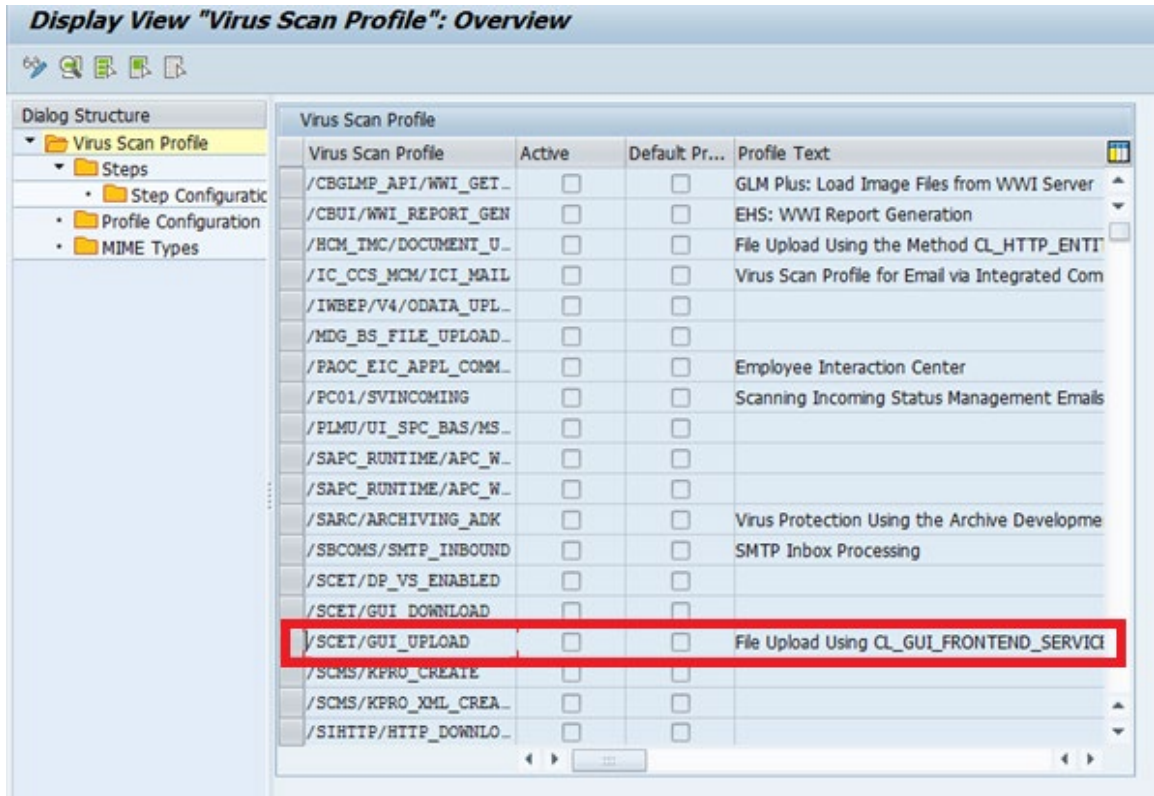
Note

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

Display View "Virus Scan Profile": Overview



Virus Scan Profile	Active	Default Pr...	Profile Text
/CBGLMP_API/WWI_GET_	<input type="checkbox"/>	<input type="checkbox"/>	GLM Plus: Load Image Files from WWI Server
/CBUI/WWI_REPORT_GEN	<input type="checkbox"/>	<input type="checkbox"/>	EHS: WWI Report Generation
/HCM_TMC/DOCUMENT_U_	<input type="checkbox"/>	<input type="checkbox"/>	File Upload Using the Method CL_HTTP_ENTI
/IC_CCS_MCM/ICI_MAIL	<input type="checkbox"/>	<input type="checkbox"/>	Virus Scan Profile for Email via Integrated Com
/IWBEP/V4/ODATA_UPL_	<input type="checkbox"/>	<input type="checkbox"/>	
/MDG_BS_FILE_UPLOAD_	<input type="checkbox"/>	<input type="checkbox"/>	
/PAOC_EIC_APPL_COMM_	<input type="checkbox"/>	<input type="checkbox"/>	Employee Interaction Center
/PC01/SVINCOMING	<input type="checkbox"/>	<input type="checkbox"/>	Scanning Incoming Status Management Emails
/PLMU/UI_SPC_BAS/MS_	<input type="checkbox"/>	<input type="checkbox"/>	
/SAPC_RUNTIME/APC_W_	<input type="checkbox"/>	<input type="checkbox"/>	
/SAPC_RUNTIME/APC_W_	<input type="checkbox"/>	<input type="checkbox"/>	
/SARC/ARCHIVING_ADK	<input type="checkbox"/>	<input type="checkbox"/>	Virus Protection Using the Archive Developme
/SBCOMS/SMTP_INBOUND	<input type="checkbox"/>	<input type="checkbox"/>	SMTP Inbox Processing
/SCET/DP_VS_ENABLED	<input type="checkbox"/>	<input type="checkbox"/>	
/SCET/GUI_DOWNLOAD	<input type="checkbox"/>	<input type="checkbox"/>	
/SCET/GUI_UPLOAD	<input type="checkbox"/>	<input type="checkbox"/>	File Upload Using CL_GUI_FRONTEND_SERVICI
/SCMS/KPRO_CREATE	<input type="checkbox"/>	<input type="checkbox"/>	
/SCMS/KPRO_XML_CREA_	<input type="checkbox"/>	<input type="checkbox"/>	
/SIHTTP/HTTP_DOWNLO_	<input type="checkbox"/>	<input type="checkbox"/>	

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 back-end and front-end components are delivered with separate products and to be installed in a system landscape, which is enabled for SAP Fiori.

Front-end components	
Product Version	<ul style="list-style-type: none"> SAP MASTER DATA GOVERNANCE 802 EAM Solution 9.2 by Utopia EAM solutions for MDG - Enhanced IDOC processing 9.2 by Utopia
Support Package Stack	<ul style="list-style-type: none"> 00
Product Instance(s)	<ul style="list-style-type: none"> EAM SOLUTIONS MDG 9.2 by UTOPIA
Software Component Version	<ul style="list-style-type: none"> UGIEAMUI – Utopia Fiori Software Component – 9.2
Prerequisite for installation	EAM SOLUTION 9.2 by UTOPIA is an add-on to: <ul style="list-style-type: none"> SAP FIORI FRONT-END SERVER 5.0 - SPS Initial Shipment Stack, or SAP GATEWAY 2.0 - SPS 10 (03/2015), or S4HANA on Premise 1809

Back-end components (ABAP)	
Product Version	<ul style="list-style-type: none"> SAP MASTER DATA GOVERNANCE 802 EAM SOLUTIONS MDG 9.2 by UTOPIA EAM Solutions for MDG by Utopia - Enhanced IDOC processing 9.2
Support Package Stack	<ul style="list-style-type: none"> 00
Product Instance(s)	<ul style="list-style-type: none"> Master Data Governance – Enterprise Asset Management
Software Component Version	<ul style="list-style-type: none"> UGIOD01 – Utopia OData Software Component - SP00
Prerequisite for installation	UTOPIA EAM SOLUTIONS MDG 9.2 is an add-on to <ul style="list-style-type: none"> SAP FIORI FRONT-END SERVER 5.0 - SPS Initial Shipment Stack, or SAP GATEWAY 2.0 - SPS 10 (03/2015), or S4HANA on Premise 1809

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:

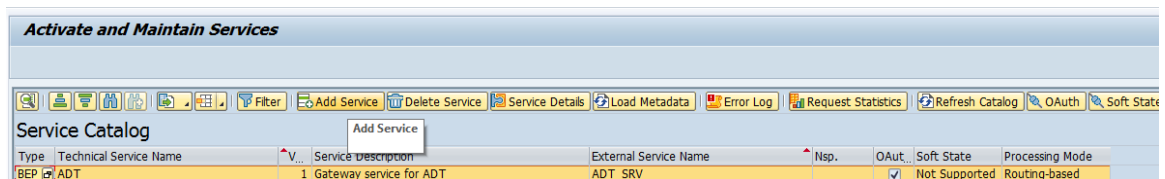
The following services need to be added with system alias using t-code `/IWFND/MAINT_SERVICES`.

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

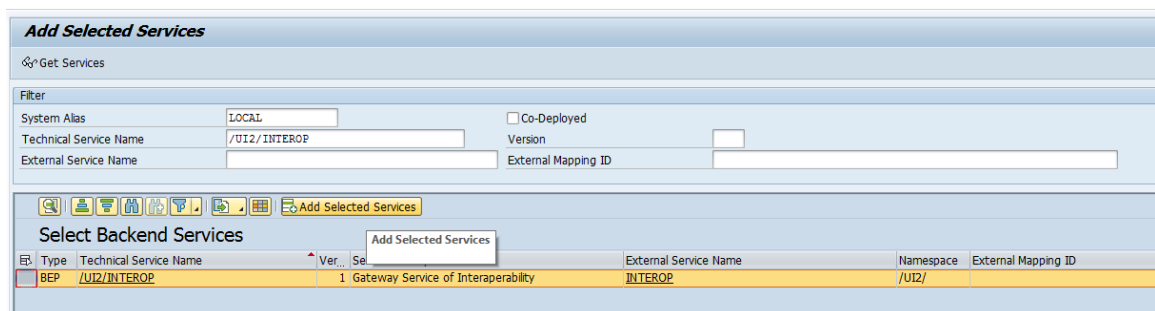
Set System Alias

Use the following steps to set the system alias:

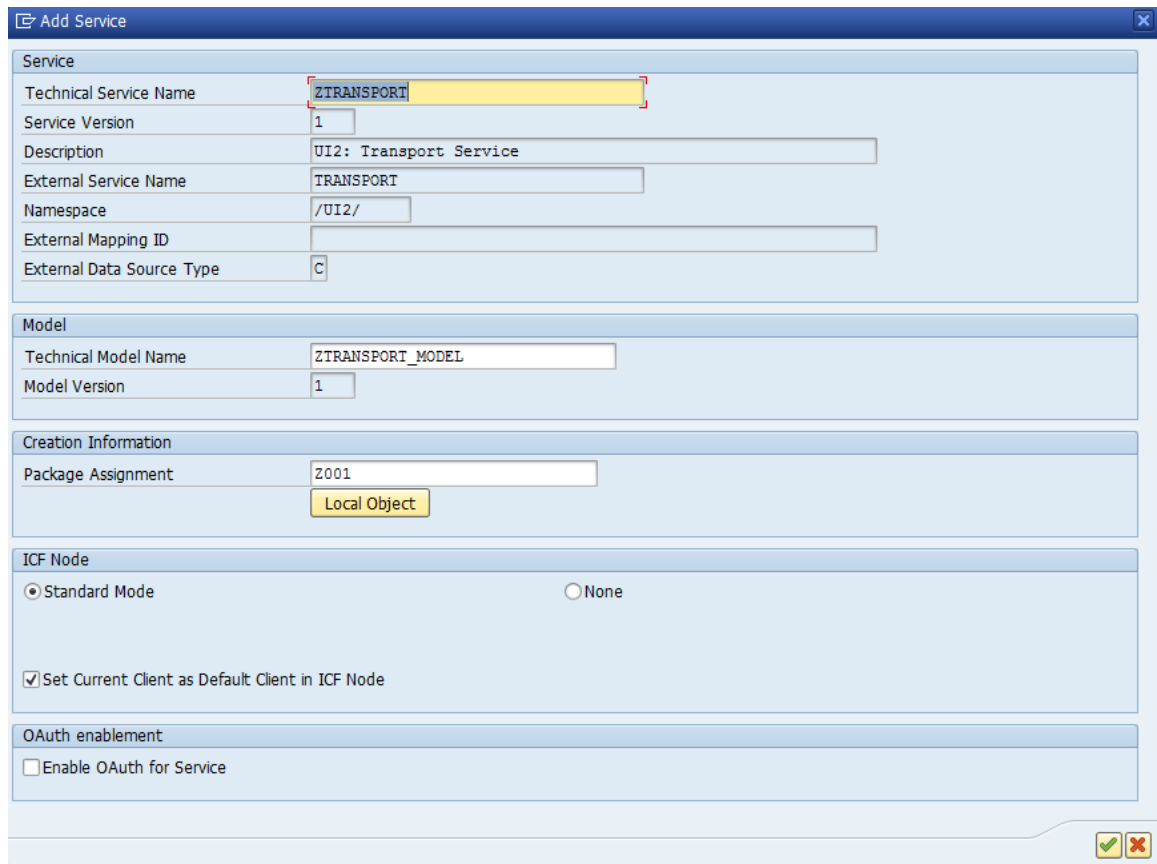
1. Add new service



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



4. Add the 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

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

Service Catalog

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

ICF Node Call Browser SAP Gateway Client

ICF Nodes

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

Add System Alias Remove System Alias Customizing Service Implementation

System Aliases

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

- Select the respective service (for all the listed services in Section: [Activate ICF Nodes for OData Services](#) Table 1: [EAM FIORI NW OData services](#).

Activate and Maintain Services

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

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	/UGIOD04/MDG_APPROVE_SM_SRV	1	MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGIOD04/	<input type="checkbox"/>	Not Supported	Routing-based
BEP	/UGIOD01/MDG_EAM_EQBOM_SRV	1	MDG EAM - Equipment BOM	MDG_EAM_EQBOM_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	/UGIGEO01/MDG_EAM_EQUIPMENT_S	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIGEO01/	<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	/UGIGEO01/MDG_EAM_FLOC_SRV	1	MDG EAM GEF - Functional Location	MDG_EAM_FLOC_SRV	/UGIGEO01/	<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 Node Call Browser SAP Gateway Client

ICF Nodes

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

Add System Alias Remove System Alias Customizing Service Implementation

System Aliases

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

- Click on “Add System Alias” button.

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	/UGI001/MDG_APPROVE_CR_SRV	1 MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI004/MDG_APPROVE_SM_SRV	1 MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_EOBOM_SRV	1 MDG EAM - Equipment BOM	MDG_EAM_EOBOM_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_EQUIPMENT_SRV	1 MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_EQUIPMENT_S	1 MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_FLOC_SRV	1 MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_FLOC_SRV	1 MDG EAM GEF - Functional Location	MDG_EAM_FLOC_SRV	/UGI000...		Not Supported	Co-deployed only
BEP	/UGI001/MDG_EAM_FLOCBOM_SRV	1 MDG EAM - MROBOM	MDG_EAM_FLOCBOM_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_MPMI_SRV	1 MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_MROBOM_SRV	1 MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_MSPPOINT_SRV	1 MDG EAM - MSPPOINT	MDG_EAM_MSPPOINT_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_OBJECT_LINK_S	1 MDG EAM - Object Link	MDG_EAM_OBJECT_LINK_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_OBJECTNETWORK	1 MDG EAM - Object Network	MDG_EAM_OBJECTNETWORK_SRV	/UGI000...		Not Supported	Routing-based
BEP	/UGI001/MDG_EAM_TASKLIST_SRV	1 MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGI000...		Not Supported	Routing-based

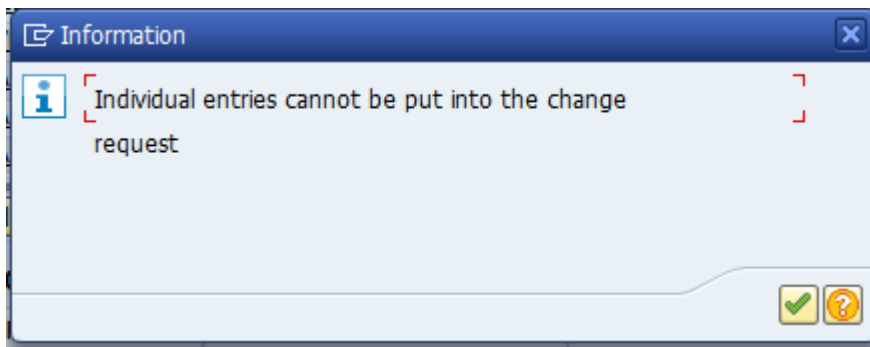
ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
CC	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.

Change View "Assign SAP System Aliases to OData Service": Overview

Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name
/UGI001/MDG_APPROVE_CR_SRV_01			LOCAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	/UGI001/MDG_APPROVE_CR_SRV	MDG_APPROVE_CR_SRV

6. Save your entries.

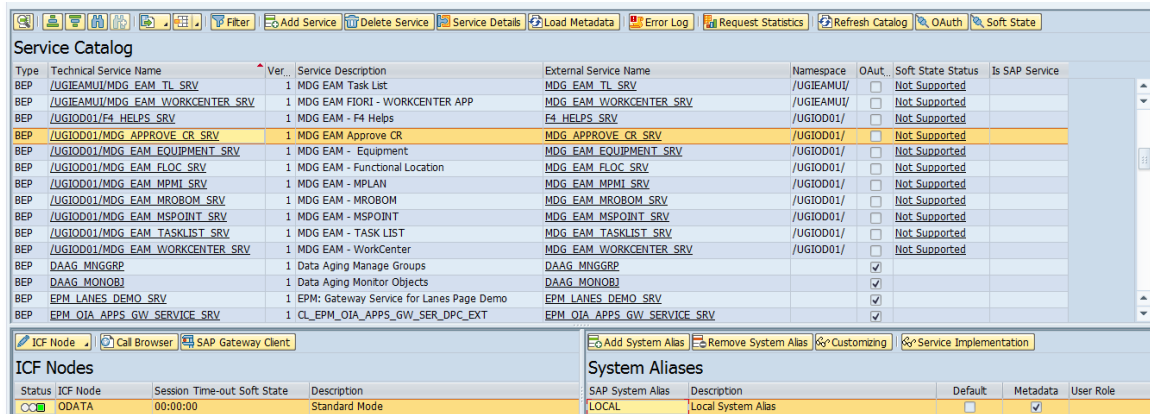
Note

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

Activate ICF Nodes for OData Services

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

- Select OData service:
Go to t-code - /N/IWFND/MAINT_SERVICE



Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Namespace	OA...	Soft State	Status	Is SAP Service
BEP	/UGIEAMU/MDG_EAM_TL_SRV	1	MDG EAM Task List	MDG_EAM_TL_SRV	/UGIEAMU/	<input type="checkbox"/>	Not Supported		
BEP	/UGIEAMU/MDG_EAM_WORKCENTER_SRV	1	MDG EAM FIORI - WORKCENTER APP	MDG_EAM_WORKCENTER_SRV	/UGIEAMU/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/F4_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_MSPOINT_SRV	1	MDG EAM - MSPOINT	MDG_EAM_MSPOINT_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	/UGIOD01/MDG_EAM_WORKCENTER_SRV	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01/	<input type="checkbox"/>	Not Supported		
BEP	DAAG_MNGGRP	1	Data Aging Manage Groups	DAAG_MNGGRP		<input checked="" type="checkbox"/>			
BEP	DAAG_MONOBJ	1	Data Aging Monitor Objects	DAAG_MONOBJ		<input checked="" type="checkbox"/>			
BEP	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"/>			

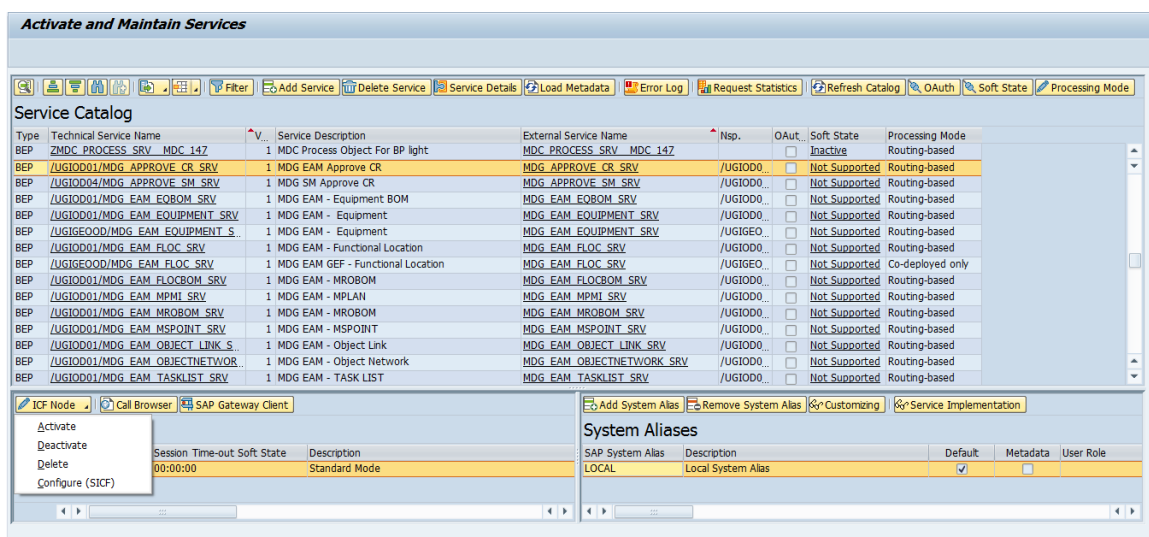
ICF Nodes

Status	ICF Node	Session Time-out	Soft State	Description
Standard Mode	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 type="checkbox"/>	

2. Select the service and click on ICF Node.



Service Catalog

Type	Technical Service Name	Ver.	Service Description	External Service Name	Nsp.	OA...	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 SM 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_EQBOM_SRV	1	MDG EAM - Equipment BOM	MDG_EAM_EQBOM_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	/UGIOD01/MDG_EAM_EQUIPMENT_S	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01/	<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	/UGIOD01/MDG_EAM_FLOCBOM_SRV	1	MDG EAM GEF - Functional Location	MDG_EAM_FLOCBOM_SRV	/UGIOD01/	<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_MSPOINT_SRV	1	MDG EAM - MSPOINT	MDG_EAM_MSPOINT_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_OBJECTNETWOR	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
Standard Mode	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 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: [EAM FIORI NW OData services](#).

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

Scenario	Technical Service Name
Equipment	/UGIOD01/MDG_EAM_EQUIPMENT_SRV
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

Scenario	Technical Service Name
Work Center	/UGIOD01/MDG_EAM_WORKCENTER_SRV
Approve EAM	/UGIOD01/MDG_APPROVE_CR_SRV
F4 Help for Create/Change Apps	/UGIOD01/F4_HELPES_SRV
Object Link	/UGIOD01/MDG_EAM_OBJECT_LINK_SRV
Object Network	/UGIOD01/MDG_EAM_OBJECTNETWORK_SRV
Service Master	/UGIOD04/MDG_PROC_SM_SRV

Table: EAM FIORI NW OData services

Appendix 1: Application Details

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

- [Request New Equipment](#)
- [Request New Functional Location](#)
- [Request New 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.

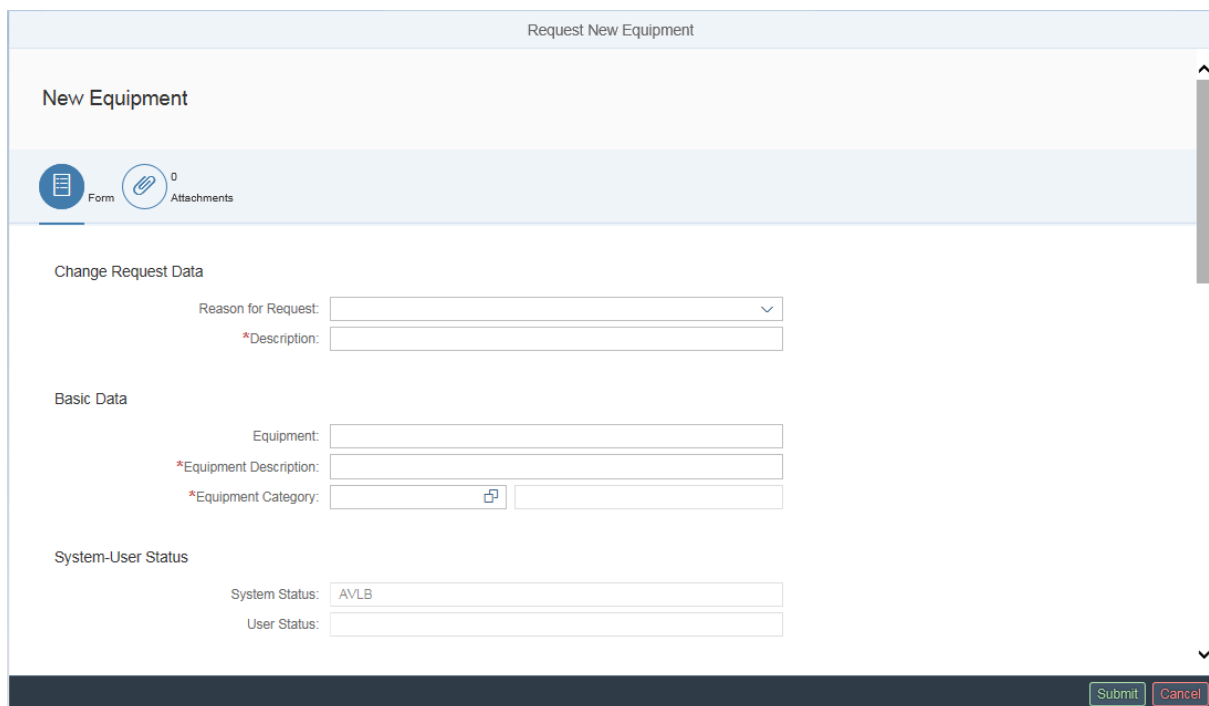
Note

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. The title bar at the top reads 'Request New Equipment'. Below it, the main header area contains the text 'New Equipment' and 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', 'Basic Data', and 'System-User Status'. In the 'Change Request Data' section, there is a 'Reason for Request' dropdown menu and a required field '*Description:'. The 'Basic Data' section includes an 'Equipment:' field, a required field '*Equipment Description:', and a required field '*Equipment Category:' with a small icon next to it. The 'System-User Status' section has a 'System Status:' field with the value 'AVLB' and a 'User Status:' field. At the bottom right of the form, there are 'Submit' and 'Cancel' buttons.

Request New Equipment

General Data

Technical Object Type:

Manufacturer:

Model Number:

Manufacturer Serial No:

Manufacturer Part No:

Location Data

Maintenance Plant:

Location:

ABC Indicator:

Organization-Account Assignment

Company Code:

Cost Center:

Organization-Responsibilities

Planning Plant:

Planner Group:

Main Work Center:

Submit

Cancel

Address Maintenance

Search Term 1/2:

C/O:

Postal Code/City:

Building/Floor:

Room:

Street 2:

Street 3:

Street 4:

Street 5:

Country Key:

Language Key:

Request New Equipment

Organization-Responsibilities

Planning Plant:

Planner Group:

Main Work Center:

Structure

Functional Location:

Superord. Equipment:

Technical Identification No.:

Construction Type:

Class Assignment +

Class Type	Class Type Description	Class	Status
No data			

Characteristics +

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Figure 1: MDG EAM Fiori App – Request New Equipment

Configuration Details

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

SAPUI5 Application

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

Component	Technical Name
SAPUI5 Application	/UGIEAMUI/EQ

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_EQUIPMENT_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/EQ

Request New Functional Location

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

Key Features

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

- Lean requestor form for MDG EAM Functional Location 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

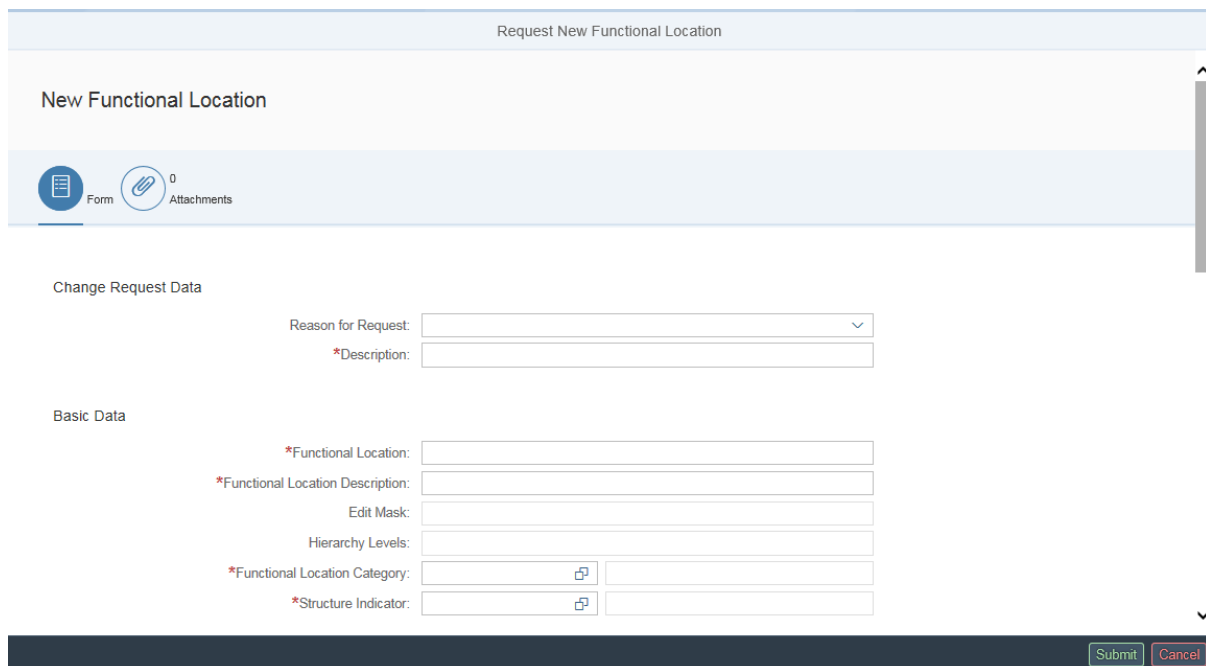
The technical features for the application can be listed as following:

- 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.



The screenshot shows the 'Request New Functional Location' Fiori app interface. At the top, there is a header bar with the title 'Request New Functional Location'. Below the header, the main content area is titled 'New Functional Location'. On the left side of the main content area, there are two icons: a document icon labeled 'Form' and a paperclip icon labeled 'Attachments' with a '0' next to it. The main content area is divided into two sections: 'Change Request Data' and 'Basic Data'. The 'Change Request Data' section contains a 'Reason for Request' dropdown menu and a '*Description' text field. The 'Basic Data' section contains several text fields: '*Functional Location', '*Functional Location Description', 'Edit Mask', 'Hierarchy Levels', '*Functional Location Category' (with a small square icon to its right), and '*Structure Indicator' (with a small square icon to its right). At the bottom right of the main content area, there are two buttons: 'Submit' and 'Cancel'.

Request New Functional Location

Default Values for superior functional location

Superior Functional Location:

System-User Status

System Status:

User Status:

General Data

Object Type:

Location Data

Maintenance Plant:

Location:

ABC Indicator:

Organization - Account Assignment

Company Code:

Cost Center:

Submit

Cancel

Address Maintenance

Search Term 1/2:

C/O:

Postal Code/City:

Building/Floor:

Room:

Street 2:

Street 3:

Street 4:

Street 5:

Country Key:

Language Key:

Request New Functional Location

ABC Indicator:

Organization - Account Assignment

Company Code:

Cost Center:

Organization - Responsibilities

Planning Plant:

Planner Group:

Work Center:

Class Assignment

Class Type	Class Type Description	Class	Status
No data			

Characteristics

Characteristic Name	Characteristic Description	Characteristic Value
No data		

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 Applic SAPUI5 Application	/U/UGIEAMUI/FLOCGIEAMUIFLOC

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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



Note

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

OData Service	Version
/UGIOD01/MDG_EAM_FLOC_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/FLOC

Request New 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.

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 Material BOM.

Request New Material BOM

New Material BOM

Form Attachments 0

Change Request Data

Reason for Request:

*Description:

Header Data

*Material:

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Submit Cancel

Request New Material BOM

*Plant:

*BOM Usage:

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
No items are available					

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/MBOM

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_MROBOM_SRV	001

Implementation Tasks

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

Front-end Server: Activate OData Services

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

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

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MBOM

Request New 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.

Request New Equipment Bill of Material

New Equipment Bill of Material

Form

0 Attachments

Change Request Data

Reason for Request:

▼

*Description:

Header Data

*Equipment:

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Submit

Cancel

Request New Equipment Bill of Material

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Validity

Valid From:

Valid To:

BOM Status:

Equipment Bill of Material and Alternative Text

BOM Header Text:

Equipment Bill of Material Item Overview

+

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

Submit

Cancel

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/EBOM

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	UGIEAMEBOM
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

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)

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/EBOM

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.

Request New FLOC Bill of Material

New FLOC Bill of Material

Form Attachments 0

Change Request Data

Reason for Request:

*Description:

Header Data

*Functional Location:

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Request New FLOC Bill of Material

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Validity

Valid From:

Valid To:

BOM Status:

FLOC Bill of Material and Alternative Text

BOM Header Text:

FLOC Bill of Material Item Overview

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

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/FLBOM

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	UGIEAMFLBOM
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

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)

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/FLBOM

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.

Request New WBS Bill of Material

New WBS Bill of Material

Form Attachments 0

Change Request Data

Reason for Request:

*Description:

Header Data

*WBS Element:

*Material:

*Plant:

*BOM Usage:

Quantity Data

Submit Cancel

Request New WBS Bill of Material

*Plant:

*BOM Usage:

Quantity Data

Base Quantity:

Validity

Valid From:

Valid To:

BOM Status:

WBS Bill of Material and Alternative Text

BOM Header Text:

WBS Bill of Material Item Overview

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

Submit Cancel

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/WBSBOM

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	UGIEAMWBSBOM
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

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)

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/WBSBOM

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.

Request New Measuring Point

New Measuring Point

Form

Attachments

Change Request Data

Reason for Request:

*Description:

Basic Data

Measuring Point:

*Measuring Point Description:

*Measuring Point Object:

*MeasPoint Category:

General Data

Characteristic Name:

Code Group:

MeasPoint is counter: ☐

ValCode Sufficient: ☐

Submit Cancel

Request New Measuring Point

General Data

Characteristic Name:

Code Group:

MeasPoint is counter: ☐

ValCode Sufficient: ☐

Target Limits and Counter Data

Target Value:

Additional Data - Measurement Range Limits

Upper Range Limit:

Lower Range Limit:

Class Assignment

Class Type	Class Type Description	Class	Status
No data			

Characteristics

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Submit Cancel

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

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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



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

OData Service	Version
/UGIOD01/MDG_EAM_MSPOINT_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MSPT

Request New Maintenance Plan

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

Key Features

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

- Lean requestor form for MDG EAM Maintenance Plan 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.

Request new Maintenance Plan

New Maintenance Plan

Form Attachments 0

General

Reason for Request:

*Description:

Maintenance Plan:

*Maintenance Plan Description:

*Main Plan Category:

Cycle Type: ☐ Single Cycle ☐ Strategy ☐ Multiple Counter

*Cycle Modification Factor:

Scheduling Period:

*Start of Cycle:

Factory Calendar:

*Scheduling Indicator: ☐ Time ☐ Time - key date
☐ Time - factory calendar ☐ Performance

Request new Maintenance Plan

Maintenance Plan Description:

*Main Plan Category:

Cycle Type: ☐ Single Cycle ☐ Strategy ☐ Multiple Counter

*Cycle Modification Factor:

Scheduling Period:

*Start of Cycle:

Factory Calendar:

*Scheduling Indicator: ☐ Time ☐ Time - key date
☐ Time - factory calendar ☐ Performance

Maintenance Cycles

Cycle No	Cycle	Cycle Unit	Cycle Text	Offset	Offset Unit	Counter	Counter Description
No data							

Maintenance Items

Maintenance Item	Text	Cycle Set Sequence	Functional Location	Equipment	Assembly
%1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_MPMI_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MPMI

Request New Task List

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

Key Features

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

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

Technical Features

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

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

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

Product Features

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

Request New Task List

New Task List

Form Attachments 0

General

Reason for Request:

*Description:

Group:

*Key Date: 10/09/2017

*Category: ☐ General ☐ Equipment ☐ Functional Location

Task List Header Overview +

Group Counter	TL Description	Planning Plant	Usage	Status
No data				

Operation Header +

Operation No	Operation Description	Work Center	Plant	Control Key
No data				

Submit Cancel

Request New Task List

*Key Date: 10/09/2017

*Category: ☐ General ☐ Equipment ☐ Functional Location

Task List Header Overview +

Group Counter	TL Description	Planning Plant	Usage	Status
No data				

Operation Header +

Operation No	Operation Description	Work Center	Plant	Control Key
No data				

Components +

Material	Material Description	Quantity	Unit for Quantity	Item Category
No data				

Class Assignment +

Class Type	Class Type Description	Class	Status
No data			

Characteristics +

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Submit Cancel

Figure 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

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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



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

OData Service	Version
/UGIOD01/MDG_EAM_TASKLIST_SRV	001

Implementation Tasks

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

Front-end Server: Activate OData Services

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

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

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/TL

Request New Work Center

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

Key Features

The significant features for the application can be listed as following

- Lean requestor form for MDG EAM Work Center 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.

Request New Work Center

New Work Center

Form

Attachments

0

Change Request Data

Reason for Request:

*Description:

Work Center

*Plant:

*Work Center:

*Work Center Description:

*Work Center Category:

Basic Data

*Person Responsible:

*Usage:

Submit

Cancel

Request New Work Center

Work Center

*Plant:

*Work Center:

*Work Center Description:

*Work Center Category:

Basic Data

*Person Responsible:

*Usage:

Default Values

Control Key:

Standard Value Maintenance

*Standard Value Key:

Cost Center Assignment

+

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

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

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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



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

OData Service	Version
/UGIOD01/MDG_EAM_WORKCENTER_SRV	001

Implementation Tasks

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

Front-end Server: Activate OData Services

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

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

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/WC

Request New Object Links

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

Key Features

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

- Lean requestor form for MDG EAM Object Link 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.

Request New Object Link

New Object Link

Form

0 Attachments

Change Request Data

Reason for Request:

*Description:

Basic Data

Link:

*Link Category:

*Object Category:

*Link Description:

Network ID:

System-User Status

System Status:

User Status:

Submit Cancel

Request New Object Link

Objects Linked

Link from Equipment:
Link to Equipment:
Link Object:
Link from FLoc:
Link to FLoc:
Link Object:

Link Description

Number:

Authorization Group:

Valid from:

Time:

Valid To:

Time:

Medium:

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

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

Submit Cancel

Request New Object Link

Number:

Authorization Group:

Valid from:

Time:

Valid To:

Time:

Medium:

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

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

Class Assignment

+

Class Type	Class Type Description	Class	Status
No data			

Characteristics

+

Characteristic Name	Characteristic Description	Characteristic Value
No data		

Figure 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

SAP Fiori Launchpad

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

Technical Configuration

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

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_OBJECT_LINK_SRV/	001

Implementation Tasks

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

Front-end Server: Activate OData Services

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

/default_host/sap/opu/odata/ugiod01/mdg_eam_object_link_srv

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

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/OL

Request New Object Networks

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

Key Features

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

- Lean requestor form for MDG EAM Object Network 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

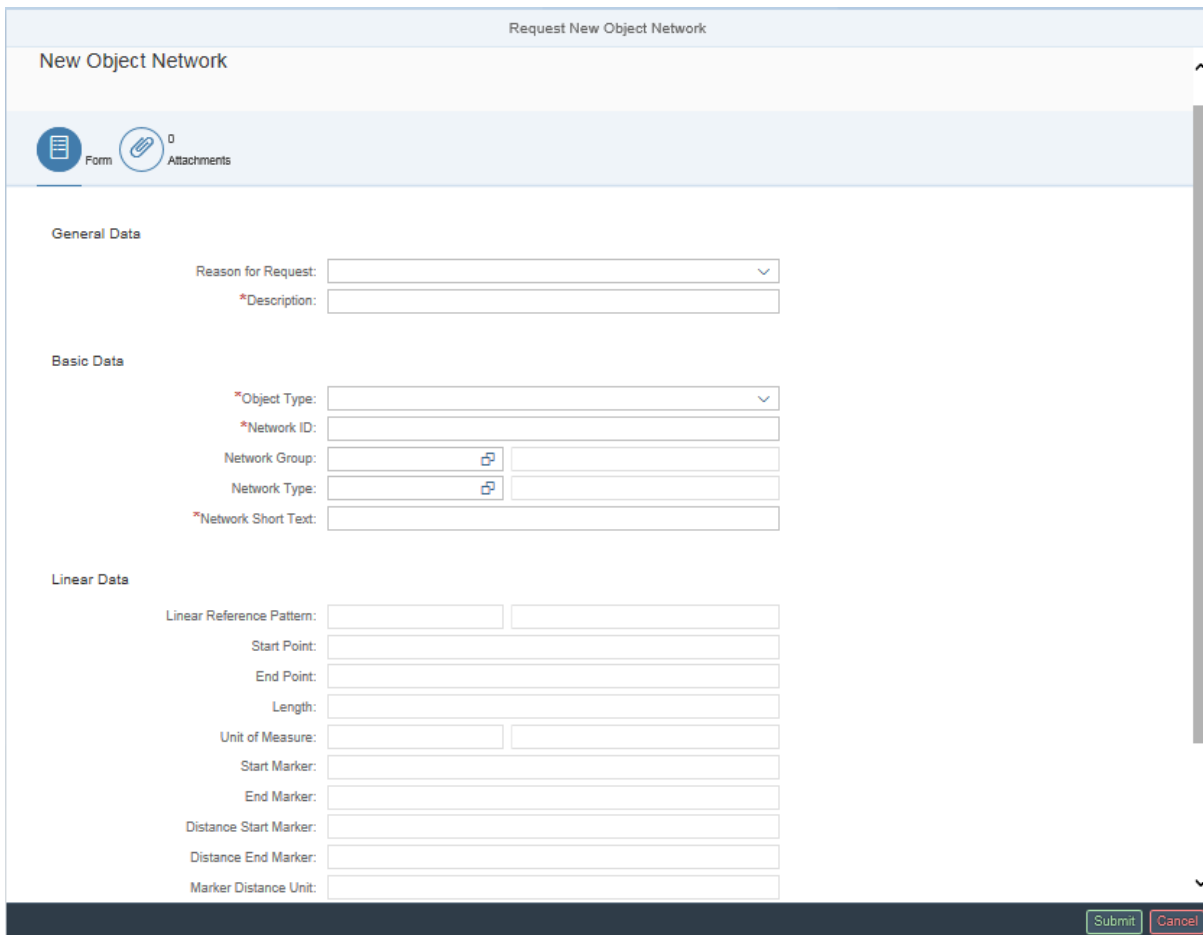
The technical features for the application can be listed as following:

- 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 app interface. The title bar at the top reads 'Request New Object Network'. Below it, the main header is 'New Object Network'. There are two tabs: 'Form' (active) and 'Attachments'. The form is divided into three sections: 'General Data', 'Basic Data', and 'Linear Data'. The 'General Data' section contains 'Reason for Request' (a dropdown menu) and '*Description' (a text field). The 'Basic Data' section contains '*Object Type' (a dropdown menu), '*Network ID' (a text field), 'Network Group' (a text field with a copy icon), 'Network Type' (a text field with a copy icon), and '*Network Short Text' (a text field). The 'Linear Data' section contains '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, 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							

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T

Semantic Object	UGIEAMObjectNetwork
Action	requestObjectNetwork
SAPUI5 Application	/UGIEAMUI/ON

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/ MDG_EAM_OBJECTNETWORK_SRV/	001

Implementation Tasks

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

Front-end Server: Activate OData Services

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

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

Front-end Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/ON

Change Equipment

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

Key Features

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

- Lean requestor form for 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:

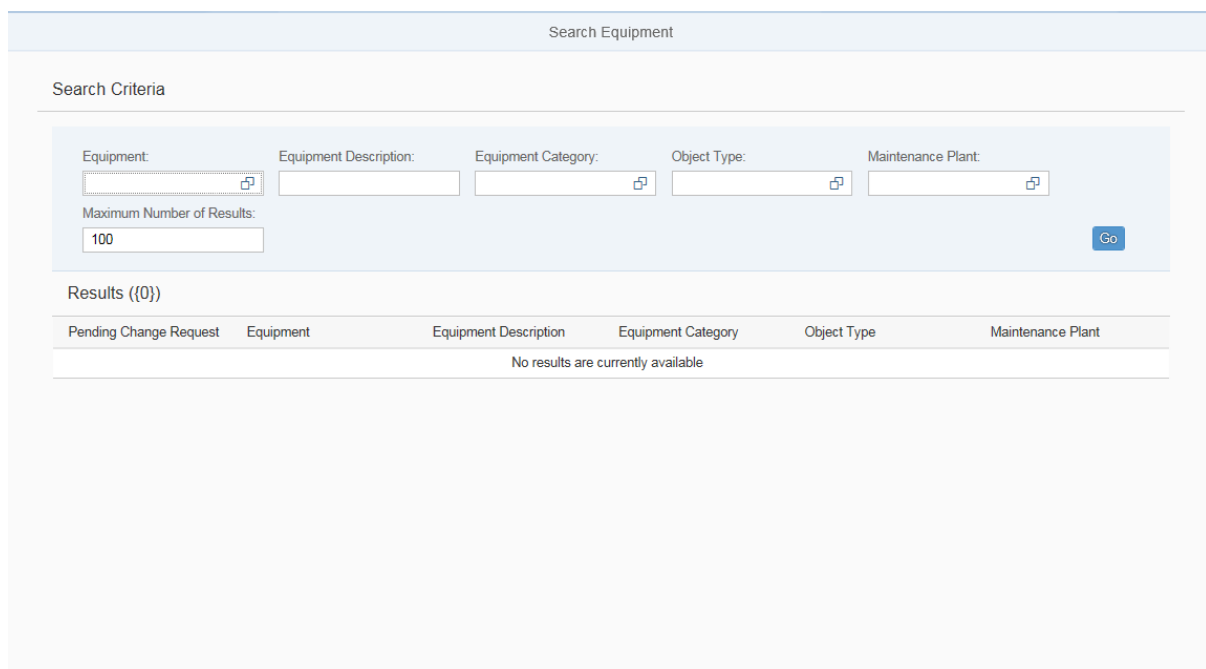
- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

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.



The screenshot shows the 'Search Equipment' Fiori app interface. At the top, there is a header bar with the title 'Search Equipment'. Below this is a section titled 'Search Criteria' which contains several input fields: 'Equipment:', 'Equipment Description:', 'Equipment Category:', 'Object Type:', and 'Maintenance Plant:'. Each field has a small icon to its right, likely for F4 help. Below these fields is a 'Maximum Number of Results:' field with the value '100' and a 'Go' button. Below the search criteria section, there is a 'Results ({0})' section. This section contains a table with the following columns: 'Pending Change Request', 'Equipment', 'Equipment Description', 'Equipment Category', 'Object Type', and 'Maintenance Plant'. The table is currently empty, and a message 'No results are currently available' is displayed below the table.

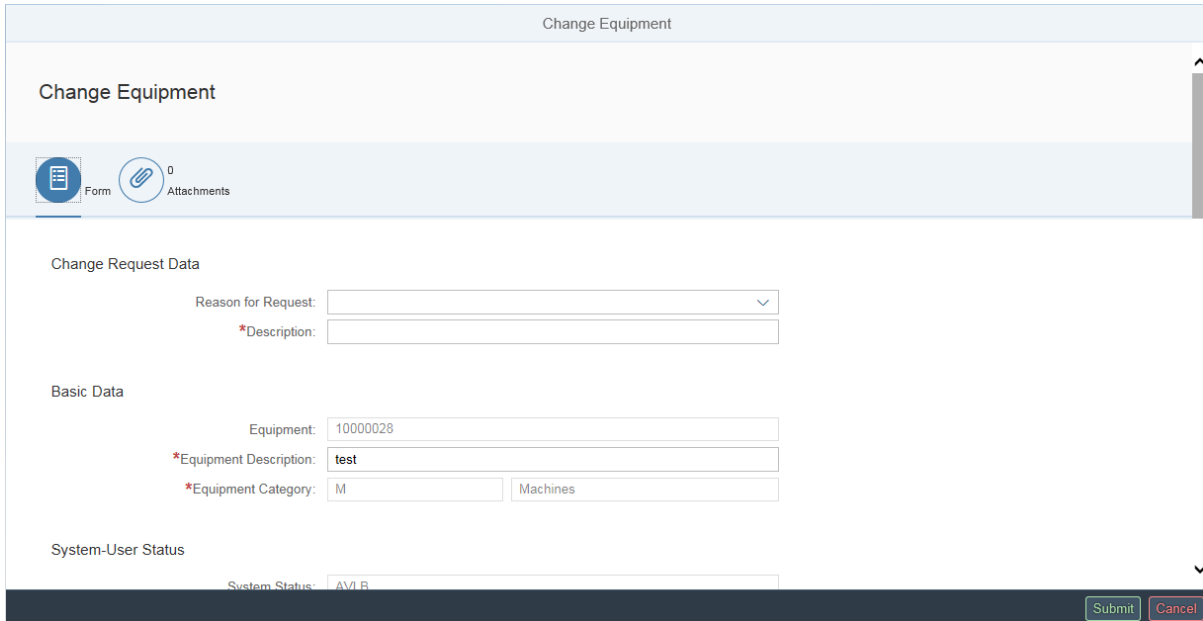


Figure 13: MDG EAM Fiori App – Change Equipment

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMEquipmentChange
Action	changeEquipment
SAPUI5 Application	/UGIEAMUI/EQC

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_EQUIPMENT_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

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

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/EQC

Change Functional Location

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

Key Features

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

- Lean requestor form for 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.

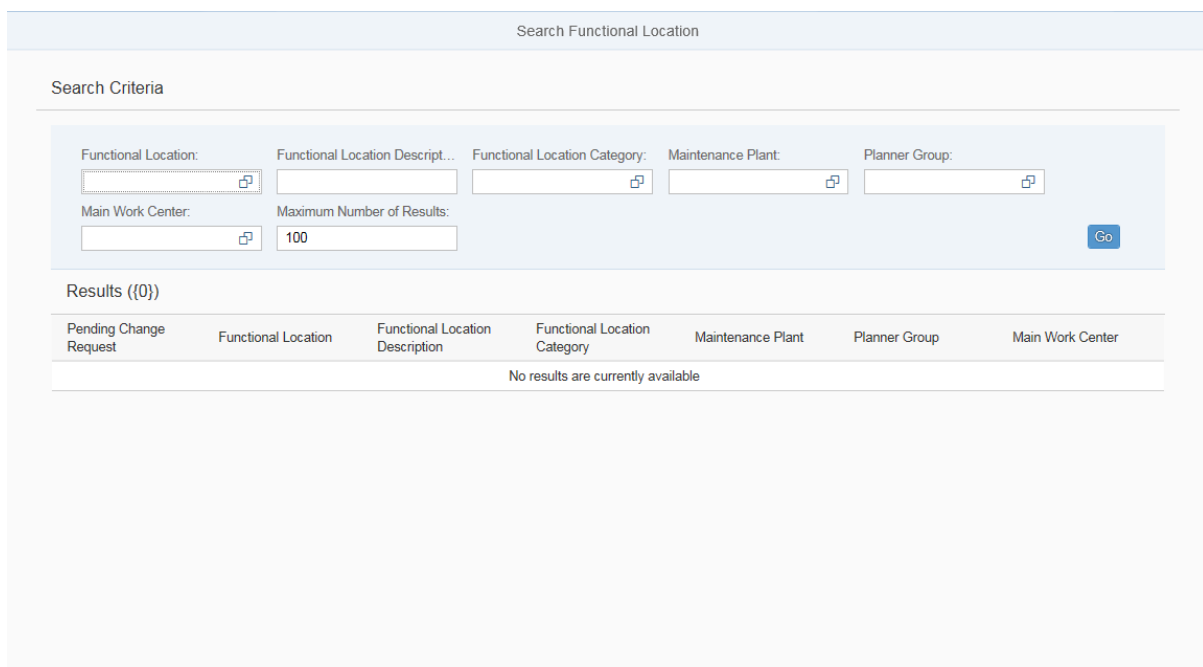


Figure 14: MDG EAM Fiori App – Change Functional Location

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMFlocChange
Action	changeFloc
SAPUI5 Application	/UGIEAMUI/FLOCCHG

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

OData Services

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



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

OData Service	Version
/UGIOD01/MDG_EAM_FLOC_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/FLOCCHG

Change 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.

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 BOM

Search Criteria

Material:

BOM Description:

BOM Status:

Plant:

BOM Usage:

Maximum Number of Results:

Results ({0})

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

Figure 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/MBOMCH

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMMBOMChange
Action	changeMROBOM
SAPUI5 Application	/UGIEAMUI/MBOMCH

Business Catalog (Launchpad)	/UGIEAMUI/SAP_MDG_BCG_CH_REQUESTOR_T	Master Data EAM Change Requestor (MDG) - Content
------------------------------	--------------------------------------	--

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_MROBOM_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

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

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MBOMCH

Change 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 a 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.

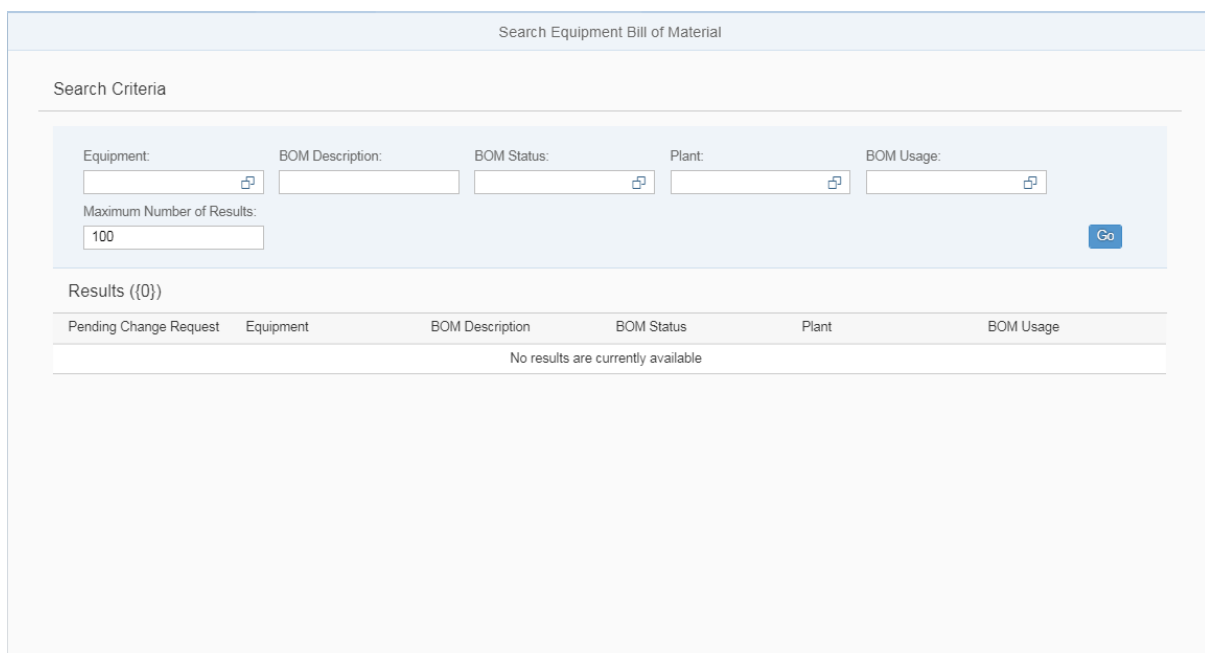


Figure 16: MDG EAM Fiori App – Change EQ Bill of Material

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/EBOMCHG

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	UGIEAMEBOMChange
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.



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

OData Service	Version
/UGIOD01/MDG_EAM_EQBOM_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)

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/EBOMCH

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 Criteria

Functional Location:

BOM Description:

BOM Status:

Plant:

BOM Usage:

Maximum Number of Results:

Results ({0})

Pending Change Request	Functional Location	BOM Description	BOM Status	Plant	BOM Usage
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/FLBOMCHG

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	UGIEAMFLBOMCHG
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

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)

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/FLBOMCHG

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:

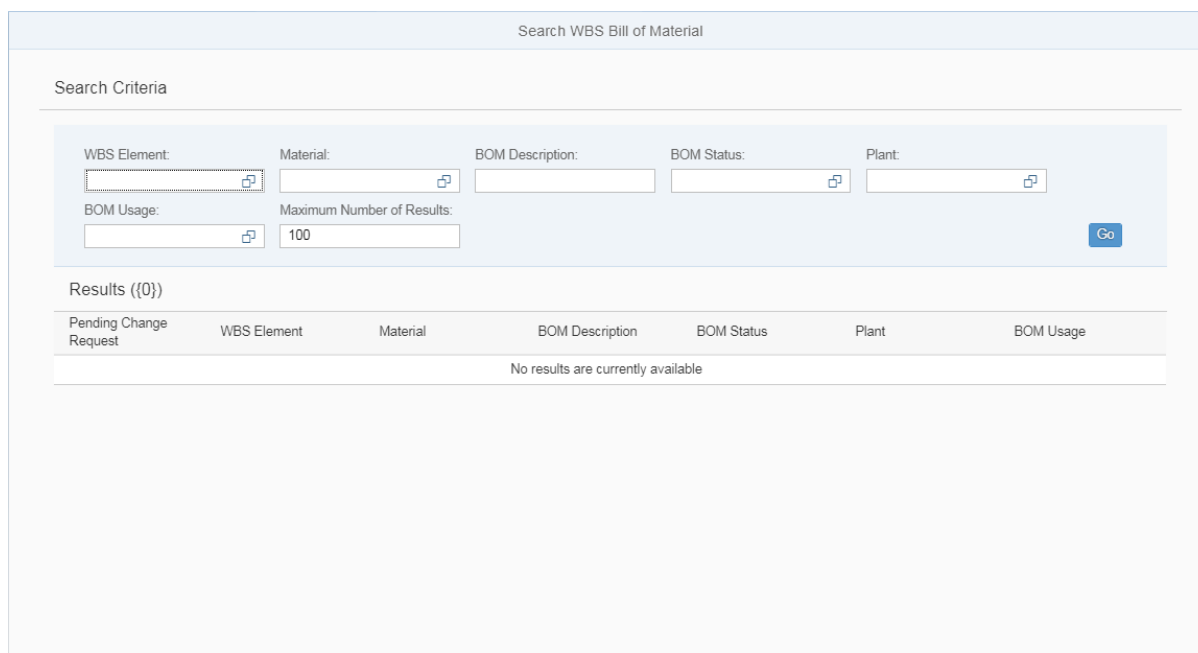
- This application enables you to upload documents.
- For the security reasons, SAP recommends you install the appropriate virus scanner in the respective back-end system and define sufficiently restrictive scan profiles to prevent the upload of malicious content.

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.



The screenshot shows the 'Search WBS Bill of Material' interface. It includes a 'Search Criteria' section with input fields for 'WBS Element', 'Material', 'BOM Description', 'BOM Status', 'Plant', 'BOM Usage', and 'Maximum Number of Results' (set to 100). A 'Go' button is present. Below the search criteria, the 'Results (0)' section shows a table with columns: 'Pending Change Request', 'WBS Element', 'Material', 'BOM Description', 'BOM Status', 'Plant', and 'BOM Usage'. The table is currently empty, displaying the message 'No results are currently available'.

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/WBSBOMCHG

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	UGIEAMWbsBomChange
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

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_ws_bom_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/wbsbomchg

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.

Search Measuring Point

Search Criteria

Measuring Point: Description: Equipment: Functional Location: MeasPoint Category:

Maximum Number of Results:

Go

Results ({0})

Pending Change Request	Measuring Point	Description	Equipment	Functional Location	MeasPoint Category
No results are currently available					

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMMSPTChange
Action	changeMeasPoint
SAPUI5 Application	/UGIEAMUI/MSPTCHG

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_MSPOINT_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

/default_host/sap/opu/odata/ugiod01/mdg_eam_mspoint_srv

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

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

/default_host/sap/bc/ui5_ui5/ugieamui/msptchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MSPTCHG

Change Maintenance Plan

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

Key Features

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

- Lean requestor form for 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.

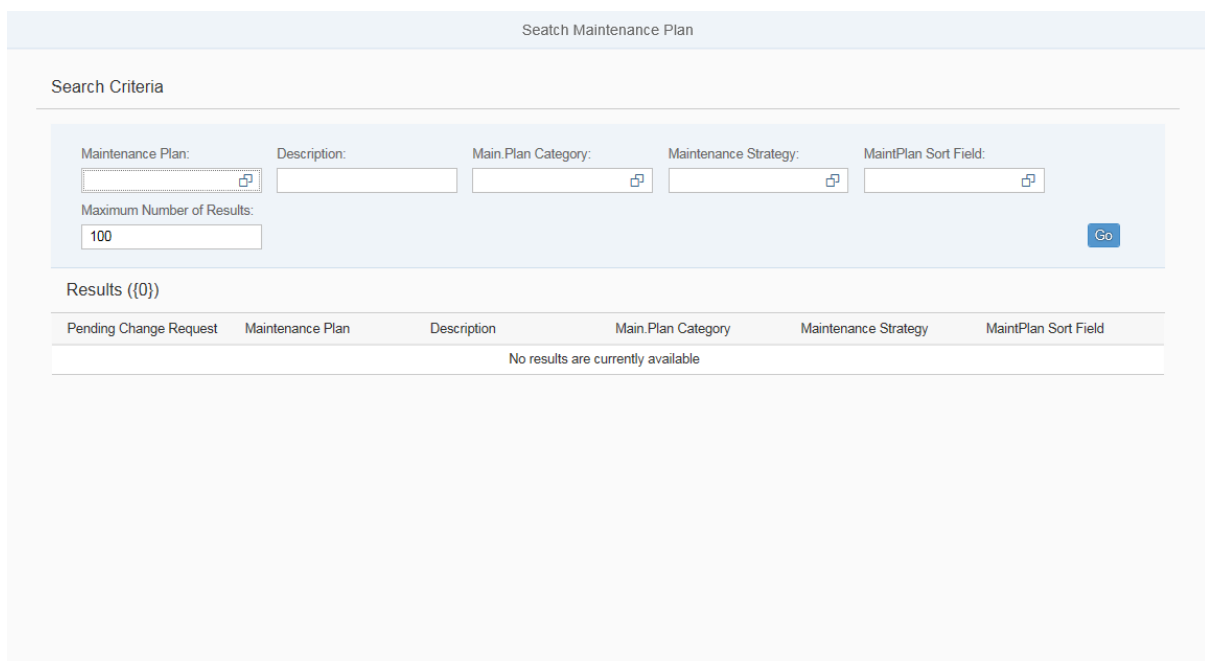


Figure 20: MDG EAM Fiori App – Change Maintenance Plan

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMMPMIChange
Action	changeMPMI
SAPUI5 Application	/UGIEAMUI/MPCHG

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_MPMI_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/MPCHG

Change Task List

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

Key Features

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

- Lean requestor form for 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 Criteria

Task List Type:

Group:

Equipment:

Functional Location:

Planning Plant:

Short Text:

Maximum Number of Results:

Results ({0})

Group	Equipment	Functional Location	Planning Plant	Short Text	Group Counter	Work Center	Assembly	Maintenance Strategy
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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMTaskListChange
Action	changeTaskList
SAPUI5 Application	/UGIEAMUI/TLCHG

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_TASKLIST_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/TLCHG

Change Work Center

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

Key Features

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

- Lean requestor form for 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.

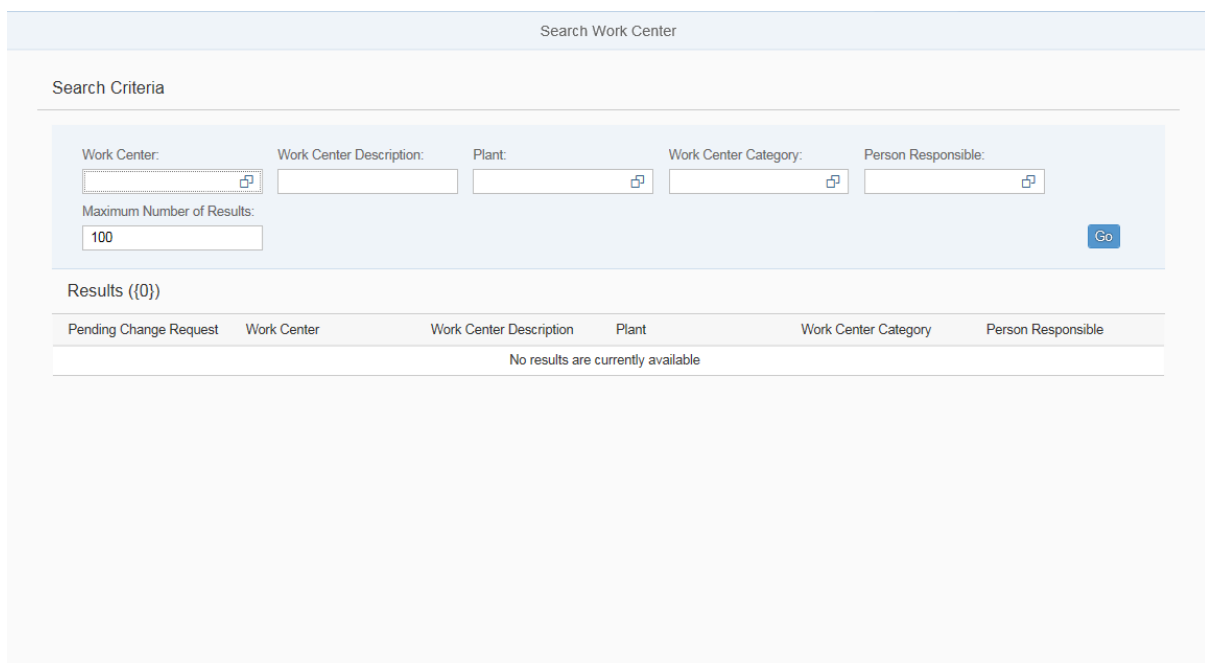


Figure 22: MDG EAM Fiori App – Change Work Center

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMWorkCenterChange
Action	changeWorkCenter
SAPUI5 Application	/UGIEAMUI/WCCHG

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

OData Services

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

i Note

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

OData Service	Version
/UGIOD01/MDG_EAM_WORKCENTER_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/WCCHG

Change Object Links

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

Key Features

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

- Lean requestor form for 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 Criteria

Link:

Link Description:

Object Category:

Network ID:

Maximum Number of Results:

Go

Results ({0})

Pending Change Request	Link	Link Description	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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMObjectLinkChange
Action	changeObjectLink
SAPUI5 Application	/UGIEAMUI/OLCHG

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

OData Services

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

Note

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

OData Service	Version
/UGIOD01/MDG_EAM_OBJECT_LINK_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

/default_host/sap/opu/odata/ugiod01/mdg_eam_object_link_srv

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

Front-End Server: Activate SAP UI5 Application

The MDG EAM UI5 Application is available under ICF node:

/default_host/sap/bc/ui5_ui5/ugieamui/olchg

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/OLCHG

Change Object Networks

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

Key Features

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

- Lean requestor form for 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.

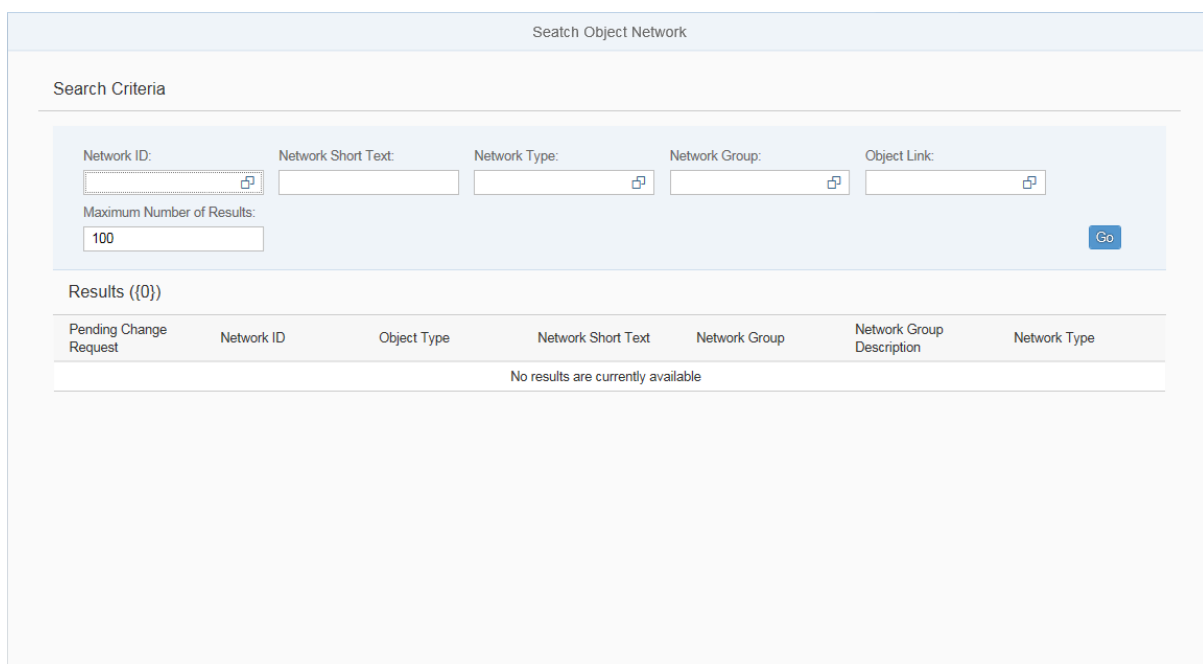


Figure 24: MDG EAM Fiori App – Change Object Networks

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

SAP Fiori Launchpad

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

Technical Configuration

Technical Catalog	/UGIEAMUI/SAP_MDG_CH_TC_T
TECHNICAL_PFCG_ROLE	/UGIEAMUI/SAP_MDG_TCR_T
Semantic Object	UGIEAMObjectNetworkChange
Action	changeObjectNetwork
SAPUI5 Application	/UGIEAMUI/ONCHG

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

OData Services

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



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

OData Service	Version
/UGIOD01/MDG_EAM_OBJECTNETWORK_SRV	001

Implementation Tasks

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

Front-End Server: Activate OData Services

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

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

Front-End Server: Activate SAP UI5 Application

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

Component	Technical Name
SAP UI5 Application	/UGIEAMUI/ONCHG

Approve EAM Master Data

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

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

Key Features

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

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

Technical Features

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

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

Product Features

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

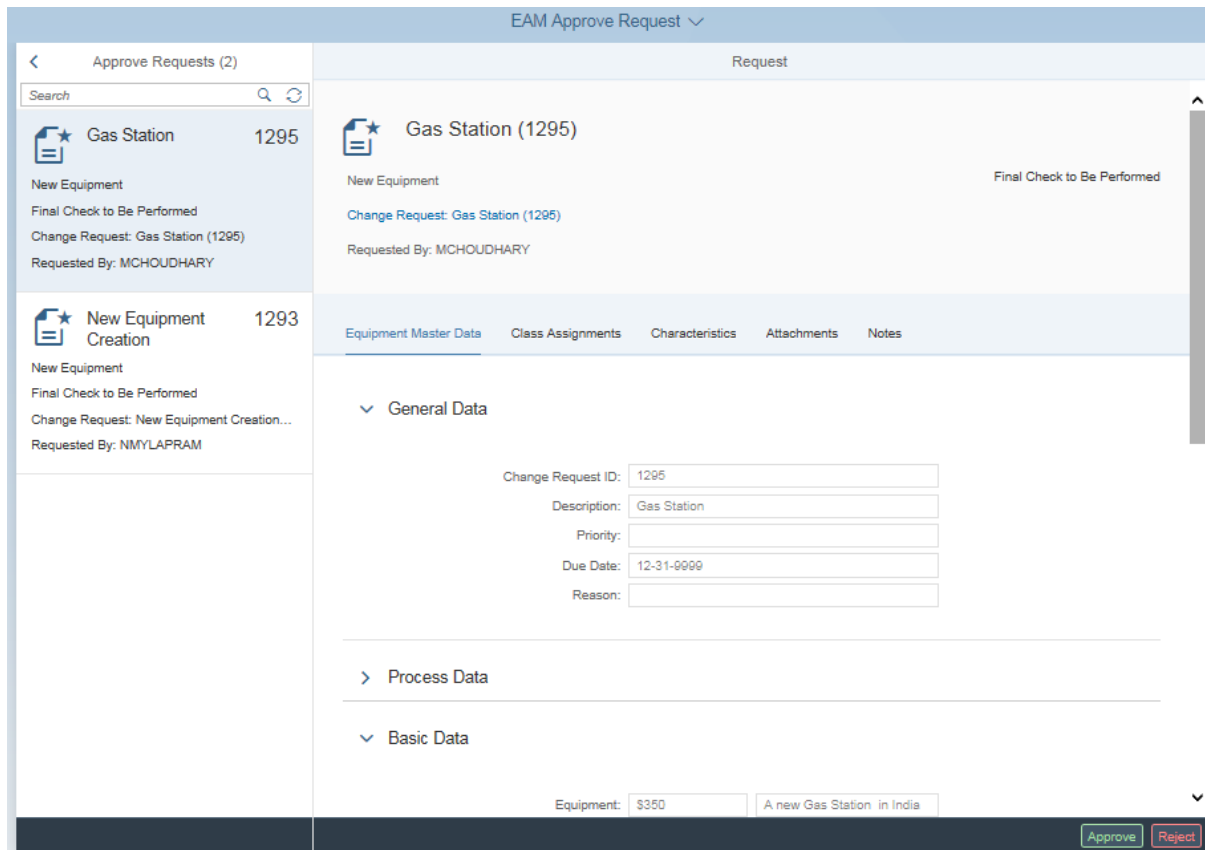


Figure 25: MDG EAM Fiori Approval App

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	UGIEAMApproveEAMCR
Action	approveChangeRequest
SAPUI5 Application	/UGIEAMUI/APPR

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

OData Services

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

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 sub divided into multiple objects.

The following screen displays the MDG Fiori App Launchpad:

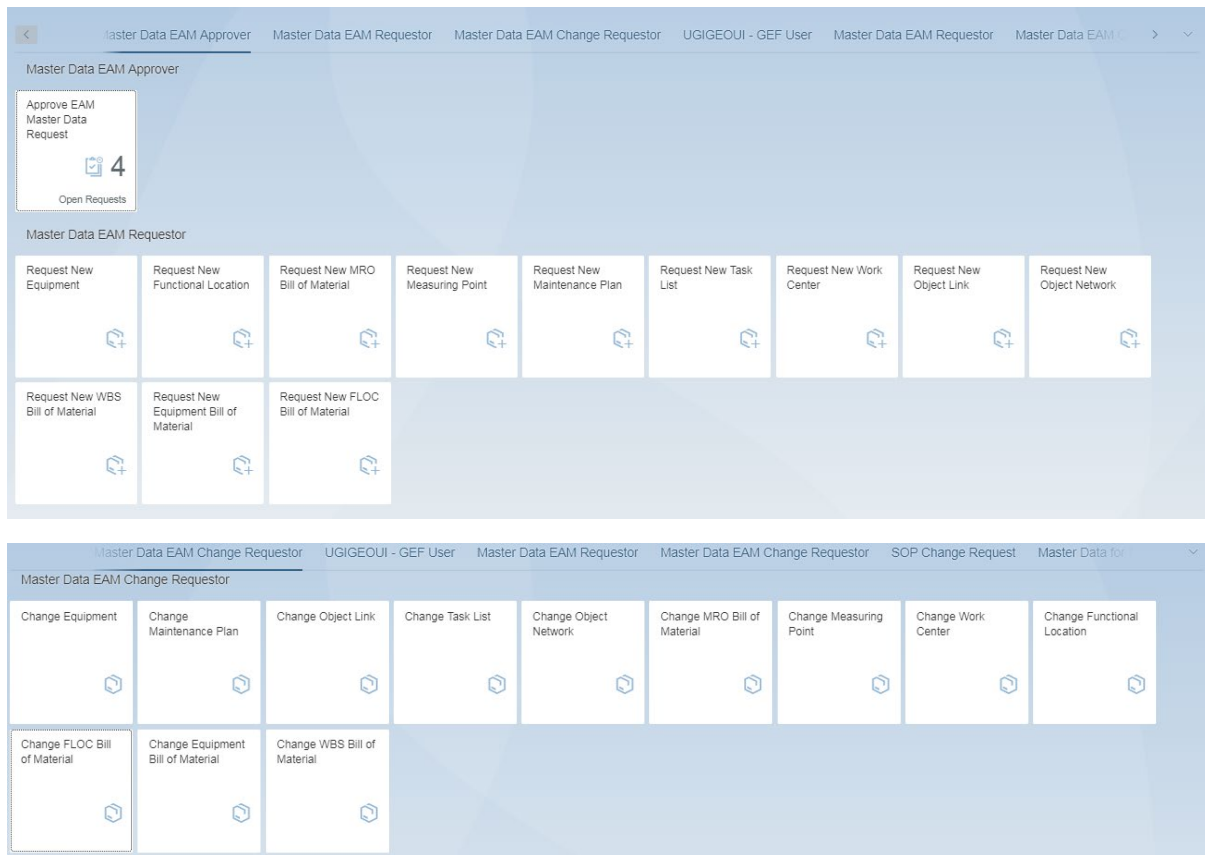


Figure 26: MDG EAM Fiori App Launchpad

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.

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_5 business function is activated.
- /UGI/ & /UGI1/ Add-On Components are installed for EAM MDG
- System Alias and Activate OData Services are assigned.

i Note

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

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

Applications	Business Functions	Change Request Types	Business Activities
Equipment		EQMAST01	UEQ1
Functional Location		FUNCLO01	UFL1
Material BOM		MATBOM01	UMB1
EQ BOM		EQBOM01	UEB1
FLOC BOM		FLBOM01	UFB1
WBS BOM		WBSBOM01	UWB1
Measuring Point		MEASPT01	UMS1

Applications	Business Functions	Change Request Types	Business Activities
Maintenance Plan		MPLAN01	UMP1
Task List		TSLIST01 TLFL01 TLEQ01	UTL1, FTL1, ETL1
Work Center		WRKCTR01	UWC1
Object Link		OBJLNK01	UOL1
Object Network		OBJNET01	UON1
Change Equipment		EQMAST02	UEQ2
Change Functional Location		FUNCLO02	UFL2
Change 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
Approve EAM Master Data			

Appendix 2: Glossary and Abbreviations

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

Term / Abbreviation	Description
CR	Change Request
DB	Database
EAM	Enterprise Asset Management
GW	Gateway
ICF	Internet Communication Framework
IDoc	Intermediate Document
MRO	Maintenance, Repair, and Overhaul

Term / Abbreviation	Description
NW	NetWeaver
OData	Open Data Protocol
t-code	SAP Transaction Code
UI	User Interface
NW	NetWeaver