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## Implementation Guide for Fiori Application for Service Master Solutions by Utopia

Release EAM 1909

## Document History

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

Version	Date	Description	Name
1.0	15-10-2019	Initial version	Rashmi Pandeshwara

## Approval History

Version	Date	Description	Name
1.0	02-12-2019	Final version	Kumar Saurav

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## Introduction

This document covers the requirements and tasks necessary to implement Service Master Fiori App (application) on EAM Procurement Solution 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 Service Master Fiori App on EAM Procurement Solution for MDG by Utopia.

The primary audience comprises of the following:

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

## Prerequisite

Before you implement the SAP Fiori App on Utopia Procurement Solution for MDG, 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	<a href="#">Setup of SAP Fiori System Landscape for SAP Business Suite with ABAP Environment</a>	<a href="#">Installation Requirements (Transactional Apps)</a>  <a href="#">Activating SAP Gateway OData Services</a>
HANA database	<a href="#">Setup of SAP Fiori System Landscape for SAP Business Suite with SAP HANA Database</a>	<a href="#">Installation Requirements (Fact Sheets)</a>

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 SP02 MDG 803 SP02.

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)
<b>Front-end components</b>	UI for Utopia Procurement Solution for MDG	UI for MDG MDGUX 803 SP 02	UGISMUI – Utopia Software Component
<b>Back-end components</b>	SAP Master Data Governance 802 SP02	<ul style="list-style-type: none"> <li>• MDG UI Ext. on S4CORE 103</li> <li>• Master Data Governance</li> <li>• SAP_GWFND 753 SP 02</li> </ul>	UGIOD04

You can upload the documents through Utopia Procurement Solution Fiori App. For the security reasons, SAP recommends 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](#).

## Procurement Solution Fiori App Implementation

The Procurement Solution 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	
<b>Product Version</b>	SAP MASTER DATA GOVERNANCE 803 MDG Procurement Solution by Utopia 1909
<b>Support Package Stack</b>	00
<b>Product Instance(s)</b>	UTOPIA PROCUREMENT SOLUTIONS MDG 1909
<b>Software Component Version</b>	UGISMUI – Utopia Service Master Fiori Frontend 1909
<b>Prerequisite for installation</b>	UTOPIA PROCUREMENT SOLUTIONS MDG 1909 is an add-on to: <ul style="list-style-type: none"> <li>• UIBAS001 400 SP02- UI for Basis Applications 1.0, or</li> <li>• SAP_GWFND 753 SP02 - SAP Gateway Foundation 7.40, or</li> <li>S4HANA on Premise 1909</li> </ul>

Back-end components (ABAP)	
<b>Product Version</b>	SAP MASTER DATA GOVERNANCE 803 Utopia Procurement Solution for SAP MDG Utopia Procurement solutions for MDG - Enhanced IDOC processing 1909
<b>Support Package Stack</b>	00
<b>Product Instance(s)</b>	Master Data Governance – Enterprise Asset Management
<b>Software Component Version</b>	UGIOD04 – Utopia OData Software Component - SP00
<b>Prerequisite for installation</b>	UTOPIA PROCUREMENT SOLUTIONS MDG 1909 is an add-on to <ul style="list-style-type: none"> <li>• UIBAS001 400 SP02- UI for Basis Applications 1.0, or</li> <li>• SAP_GWFND 753 SP02 - SAP Gateway Foundation 7.40, or</li> <li>S4HANA on Premise 1909</li> </ul>

## Configuration

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

- [Request New Service Master](#)
- [Change Service Master](#)
- [Approve Procurement Solution Master Data](#)

## Request New Service Master

This is a transactional application and you can request a new Service Master 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 Procurement Service Master new users.
- Option to upload attachments containing request details.
- Creates a Service Master CR with the basic data/minimum fields only.
- The F4 help in the form accepts manual entry and displays corresponding field description.
- Service Master CR creation with the external and internal number is supported.

## Technical Features

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

- Service Master 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 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 Service Master.



Request New Service Master

New Service Master

Form 0 Attachments

Change Request Data

Reason for Request:

\*Description:

Basic Data

\*Activity Number:

\*Service Short Text:

\*Service Category:

\*Base UOM:

☐ Deletion Indicator ☐ Text Change Allowed

Material/Service Group:

Check Save Submit Cancel

Request New Service Master

Authorization Group:

Division:

Valuation Class:

Tax Indicator:

Formula:

Purchasing Data

Purchasing Status:

Valid From:

EAN/UPC:

EAN Category:

Class Assignment

Class Type	Class Type Description	Class	Class Description
No data			

Characteristics

Characteristic Name	Characteristic Description	Characteristic Value	Value Description	Action
---------------------	----------------------------	----------------------	-------------------	--------

Check Save Submit Cancel

Figure 1: MDG Procurement Solution Fiori App – Request New Service Master

## 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	/UGISMUI/SM

## SAP Fiori Launchpad

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

## Technical Configuration

Component	Technical Name
Technical Catalog	/UGISMUI/MDG_SM_TC_T
TECHNICAL_PFCG_ROLE	/UGISMUI/MDG_SM_TCR_T
Semantic Object	ServiceMasterRequest
Action	requestServiceMaster
SAPUI5 Application	/UGISMUI/SM

Business Catalog (Launchpad)	/UGISMUI/MDG_SM_BC_REQUESTOR_T	Master Data Governance for Procurement (MDG) - Service Master Requestor - Content
Business Group (Launchpad)	/UGISMUI/MDG_SM_BCG_REQUESTOR_T	Master Data for Procurement - Service Master Requestor
PFCG role for Business Catalog	/UGISMUI/MDG_SM_BCR_REQUEST	Master Data for Procurement - Service Master Requestor 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
/UGIOD04/MDG_PROC_SM_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 Procurement Solution OData services would be available under ICF node:  
/default\_host/sap/opu/odata/ugiod04/mdg\_proc\_sm\_srv.

Component	Technical Name
OData Service (Version Number)	/ugiod04 /mdg_proc_sm_srv (001)

## Front-End Server: Activate SAP UI5 Application

The MDG Procurement Solution UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugismui/sm.

Component	Technical Name
SAP UI5 Application	/UGISMUI/SM

## Change Service Master

This is a transactional application used for requesting a new change Service Master 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 Procurement Solution Service Master Change new users.
- Option to upload attachments containing request details.
- Creates a Service Master 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 Procurement Solution Service Master Change.

Search Service Master

Search Method: Database Search

Search Criteria

Service Cat. is + -

SC Group is + -

Cost Model is + -

Hier. Service is + -

Maximum Number of Results 100 Search

Search Results

Results (0)

Mark for Deletion

<input type="checkbox"/>	Pending Change Request	Activity number	Short Description	Rank	Material Group	Service Category
No results are currently available						

Figure 2: MDG Procurement Solution Fiori App – Change Service Master

## 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	/UGISMUI/SMCHG

### SAP Fiori Launchpad

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

## Technical Configuration

Technical Catalog	/UGISMUI/MDG_SM_TC_T
TECHNICAL_PFCG_ROLE	/UGISMUI/MDG_SM_TCR_T
Semantic Object	ServiceMasterRequest
Action	changeServiceMaster
SAPUI5 Application	/UGISMUI/SMCHG

<b>Business Catalog (Launchpad)</b>	/UGISMUI/MDG_SM_BC_CH_REQUESTOR_T	Master Data Governance for Procurement (MDG) - Service Master Change Requestor - Content
<b>Business Group (Launchpad)</b>	/UGISMUI/MDG_SM_BCG_CH_REQUESTOR_T	Master Data for Procurement - Service Master Change Requestor
<b>PFCG role for Business Catalog</b>	/UGISMUI/MDG_SM_BCR_REQUEST	Master Data for Procurement - Service Master Approver 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
/UGIOD04/MDG_PROC_SM_SRV	001
/UGIOD04/SERVICE_DB_SEARCH_SRV	001
/UGIOD04/SERVICE_HA_SEARCH_SRV	001

## Implementation Tasks

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

### Front-End Server: Activate OData Services

The MDG Procurement Solution OData services would be available under ICF node:  
/default\_host/sap/opu/odata/ugiod04/mdg\_proc\_sm\_srv

Component	Technical Name
<b>OData Service (Version Number)</b>	/ugiod04/mdg_proc_sm_srv (001)
	/ugiod04/service_db_search_srv (001)
	/ugiod04/service_ha_search_srv (001)

### Front-End Server: Activate SAP UI5 Application

The MDG Procurement Solution UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugismui/smchg

Component	Technical Name
<b>SAP UI5 Application</b>	/UGISMUI/SMCHG

## Approve Procurement Solution Master Data

Approve Service 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 Service Master objects.

### Key Features

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

- Approves or rejects MDG Procurement Solution 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 Procurement Solution 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 Procurement Solution Master Data Request created by the requestor.

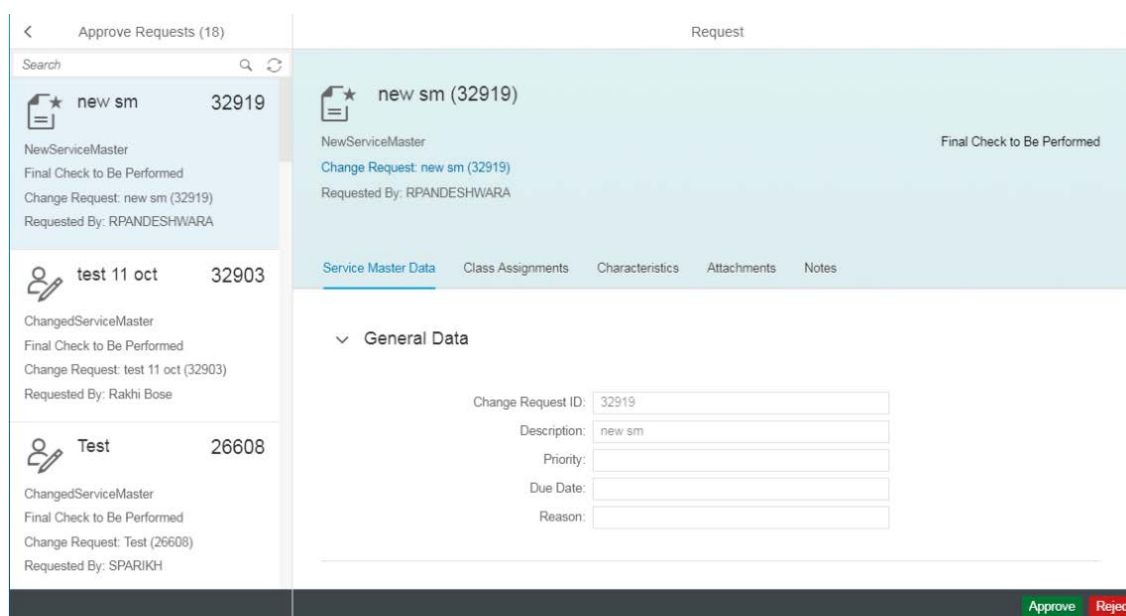


Figure 3: MDG Procurement Solution Fiori Approval App.

### 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	/UGISMUI/SMAPR

## SAP Fiori Launchpad

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

## Technical Configuration

Technical Catalog	/UGISMUI/MDG_SM_TC_T
TECHNICAL_PFCG_ROLE	/UGISMUI/MDG_SM_TCR_T
Semantic Object	ServiceMasterApproveCr
Action	approveSMChageRequest
SAPUI5 Application	/UGISMUI/SMAPR

Business Catalog (Launchpad)	/UGISMUI/MDG_SM_BC_APPROVER_T	Master Data Governance for Procurement - Service Master Approver - (Content)
Business Group (Launchpad)	/UGISMUI/MDG_SM_BCG_APPROVER_T	Master Data for Procurement - Service Master Approver
PFCG role for Business Catalog	/UGISMUI/MDG_SM_BCR_APPROVE	Master Data for Procurement - Service Master Approver 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
/UGIOD04/MDG_APPROVE_SM_SRV	001

## Implementation Tasks

Perform the following 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 PROCUREMENT SOLUTION OData services would be available under ICF node:  
/default\_host/sap/opu/odata/ugiod04/mdg\_approve\_sm\_srv.

Component	Technical Name
OData Service (Version Number)	/UGIOD04/MDG_APPROVE_SM_SRV/ (001)

## Front-end Server: Activate SAP UI5 Application

The MDG PROCUREMENT SOLUTION UI5 Application is available under ICF node:  
/default\_host/sap/bc/ui5\_ui5/ugismui/smapr.

Component	Technical Name
SAP UI5 Application	/UGISMUI/SMAPR

## MDG Procurement Solution Fiori App Launchpad

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

The following screen displays the MDG Fiori App Launchpad:



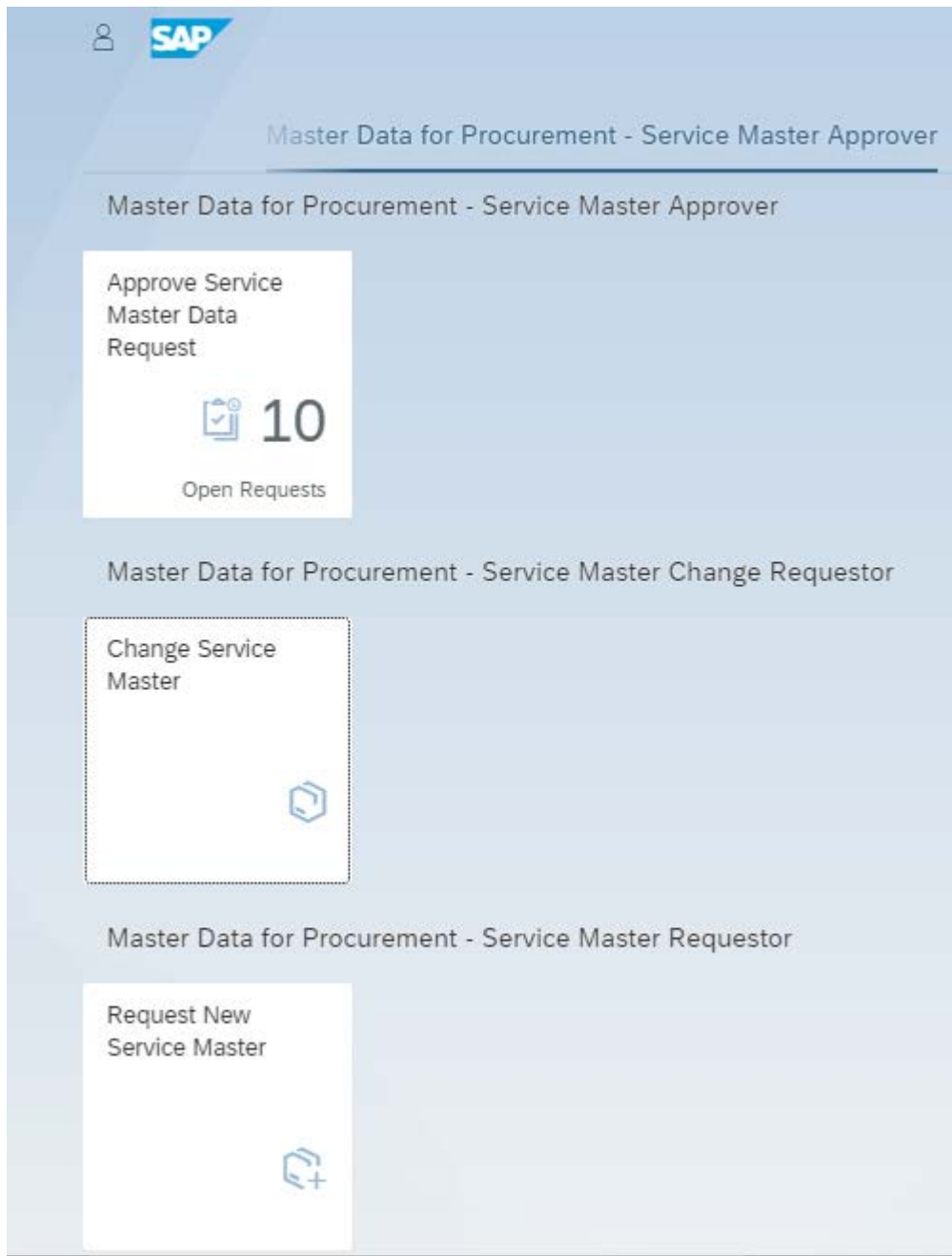


Figure 4: MDG Procurement Solution Fiori App Launchpad

## Additional Steps

You can also execute the following.

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 Procurement Solutions (MDG Procurement Solution)

## Purpose

The SAP Fiori Procurement Solution Lean Request Apps for Master Data Governance Procurement Solution (MDG Procurement Solution) 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 Procurement Solution lean request scenario:

- [Request New Service Master](#)
- [Change Service Master](#)
- [Approve Procurement Solution Master Data](#)

## Prerequisites

- /UGI/ & /UGI1/ Add-On Components are installed for Procurement Solution MDG
- System Alias and Activate OData Services are assigned.

### Note

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

- You must activate the following stated lists of Procurement Solution objects to access the change request types for the Fiori applications

Applications	Business Functions	Change Request Types	Business Activities
Service Master		SRMAST01	USM1
Change Service Master		SRMAST02	USM2
Approve Procurement Solution Master Data		SRMAST01	

## Analytics Configuration

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



Analytics Fiori SM  
Configuration Guide

## Appendix 1: Configuring SAP Procurement Solution Fiori applications for MDG

### 1 Note

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

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

1. Import Predefined Change Request Types for SAP Fiori
2. Configure MDG back-end
3. Configure the SAP Fiori Launchpad for MDG
  - a. Activate the SICF nodes respective to the object as described in the above section under each object for both UI5 application and OData services.
  - b. Troubleshooting (in case groups are not loaded) –
    - i. Activate the standard UI2 service to view the applications in the launchpad as in the following:
      - /UI2/INTEROP
      - /UI2/TRANSPORT
      - /UI2/PAGE\_BUILDER\_PERS
      - /UI2/PAGE\_BUILDER\_CUST
      - /UI2/PAGE\_BUILDER\_CONF

The services need to be added with system alias using t-code /n/IWFND/MAINT\_SERVICES.

## Appendix 2: 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



The screenshot displays the 'Activate and Maintain Services' transaction in SAP. The main table lists various services with columns for Type, Technical Service Name, Ver., Service Description, External Service Name, Namespace, OAut., Soft State, Status, and Is SAP Service. The 'ICF Nodes' section at the bottom shows the 'ODATA' node with a status of 'Standard Mode'.

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	EPM_LANES_DEMO_SRV	1	EPM: Gateway Service for Lanes Page Demo	EPM_LANES_DEMO_SRV		<input checked="" type="checkbox"/>			
BEP	EPM_OIA_APPS_GW_SERVICE_SRV	1	CL_EPM_OIA_APPS_GW_SER_DPC_EXT	EPM_OIA_APPS_GW_SERVICE_SRV		<input checked="" type="checkbox"/>			

Figure 5: Maintain OData Service

2. Select the respective service (for all the listed services in [Appendix 3: Activate ICF Nodes for OData services](#), Table 1: Fiori OData Service)

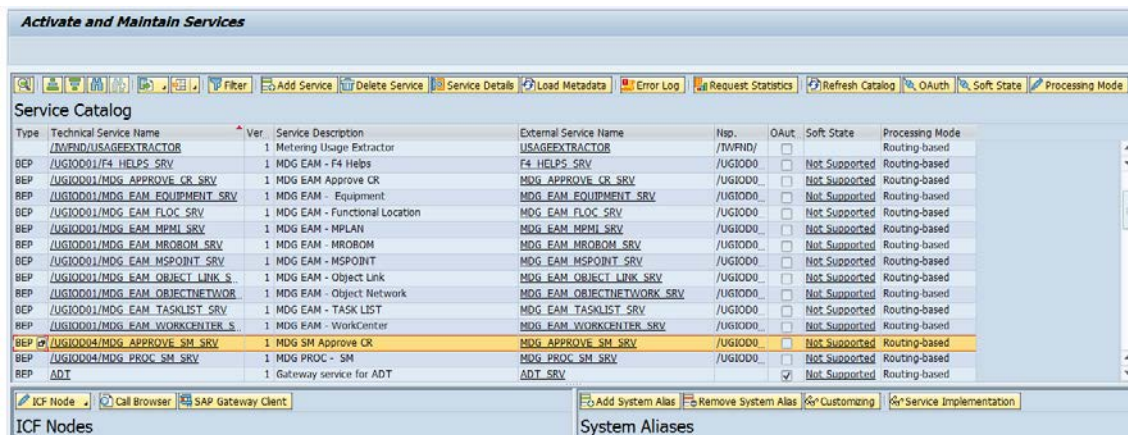


Figure 6: Select OData Service

3. Click on “Add System Alias” button.

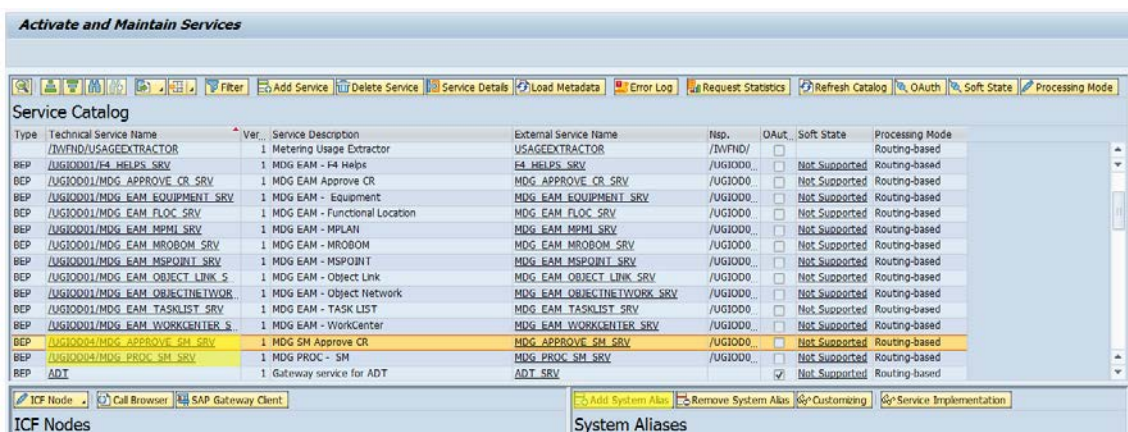


Figure 7: Add System Alias

4. Click on  button on information pop-up.

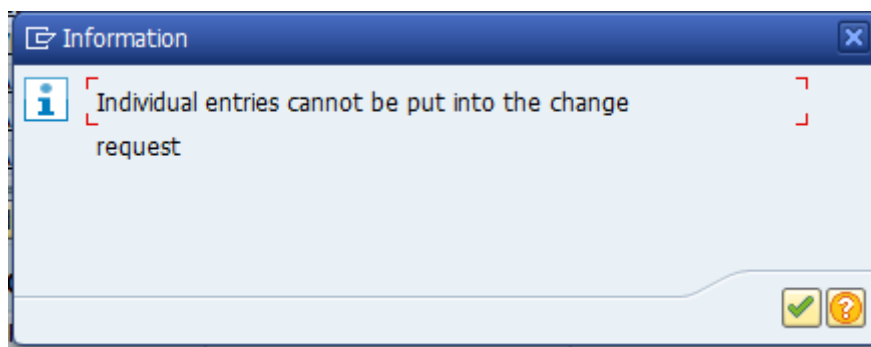


Figure 8: Information Pop-up

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

Assign SAP System Aliases to OData Service							
Service Doc. Identifier	User Role	Host Name	SAP System Alias	Default System	Metadata Default	Tech. Svc. Name	Ext. Service Name
/UGIOD04/MDG_APPROVE_SM_SRV_...			LOCAL	<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		
				<input type="checkbox"/>	<input type="checkbox"/>		

Figure 9: Select OData and Add System Alias

6. Save your entries.

### 1 Note

Repeat these steps for all the listed services in [Appendix 3: Activate ICF Nodes for OData services](#), Table 1: Fiori OData Service.

## Appendix 3: Activate ICF Nodes for OData Services

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

1. Select OData service: Go to t-code - /N/IWFND/MAINT\_SERVICE

Activate and Maintain Services							
Service Catalog							
Type	Technical Service Name	Ver.	Service Description	External Service Name	Nsp.	OAu	Soft State
	/IWFND/USAGEXTRACTOR	1	Metering Usage Extractor	USAGEXTRACTOR	/IWFND/	<input type="checkbox"/>	
BEP	/UGIOD01/F4_HELP5_SRV	1	MDG EAM - F4 Helps	F4_HELP5_SRV	/UGIOD01	<input type="checkbox"/>	Not Supported
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_MSPOINT_SRV	1	MDG EAM - MSPOINT	MDG_EAM_MSPOINT_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECT_LINK_S	1	MDG EAM - Object Link	MDG_EAM_OBJECT_LINK_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECTNETWORK	1	MDG EAM - Object Network	MDG_EAM_OBJECTNETWORK_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_WORKCENTER_S	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD04/MDG_APPROVE_SM_SRV	1	MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGIOD04	<input type="checkbox"/>	Routing-based
BEP	/UGIOD04/MDG_PROC_SM_SRV	1	MDG PROC - SM	MDG_PROC_SM_SRV	/UGIOD04	<input type="checkbox"/>	Routing-based
BEP	ADT	1	Gateway service for ADT	ADT_SRV		<input checked="" type="checkbox"/>	Routing-based

Figure 10: Select OData Service

2. Select the service and click on ICF Node.

Activate and Maintain Services							
Service Catalog							
Type	Technical Service Name	Ver.	Service Description	External Service Name	Nsp.	OAu	Soft State
	/IWFND/USAGEXTRACTOR	1	Metering Usage Extractor	USAGEXTRACTOR	/IWFND/	<input type="checkbox"/>	
BEP	/UGIOD01/F4_HELP5_SRV	1	MDG EAM - F4 Helps	F4_HELP5_SRV	/UGIOD01	<input type="checkbox"/>	Not Supported
BEP	/UGIOD01/MDG_APPROVE_CR_SRV	1	MDG EAM Approve CR	MDG_APPROVE_CR_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_EQUIPMENT_SRV	1	MDG EAM - Equipment	MDG_EAM_EQUIPMENT_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_FLOC_SRV	1	MDG EAM - Functional Location	MDG_EAM_FLOC_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_MPMI_SRV	1	MDG EAM - MPLAN	MDG_EAM_MPMI_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_MROBOM_SRV	1	MDG EAM - MROBOM	MDG_EAM_MROBOM_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_MSPOINT_SRV	1	MDG EAM - MSPOINT	MDG_EAM_MSPOINT_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECT_LINK_S	1	MDG EAM - Object Link	MDG_EAM_OBJECT_LINK_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_OBJECTNETWORK	1	MDG EAM - Object Network	MDG_EAM_OBJECTNETWORK_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_TASKLIST_SRV	1	MDG EAM - TASK LIST	MDG_EAM_TASKLIST_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD01/MDG_EAM_WORKCENTER_S	1	MDG EAM - WorkCenter	MDG_EAM_WORKCENTER_SRV	/UGIOD01	<input type="checkbox"/>	Routing-based
BEP	/UGIOD04/MDG_APPROVE_SM_SRV	1	MDG SM Approve CR	MDG_APPROVE_SM_SRV	/UGIOD04	<input type="checkbox"/>	Routing-based
BEP	/UGIOD04/MDG_PROC_SM_SRV	1	MDG PROC - SM	MDG_PROC_SM_SRV	/UGIOD04	<input type="checkbox"/>	Routing-based
BEP	ADT	1	Gateway service for ADT	ADT_SRV		<input checked="" type="checkbox"/>	Routing-based

Figure 11: Activate ICF Node

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



**i** Note

Repeat these steps for all the listed services as below – Procurement Solution Fiori NW OData services.

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

Scenario	Technical Service Name
<b>Service Master</b>	/UGIOD01/MDG_APPROVE_SM_SRV
	/UGIOD04/MDG_PROC_SM_SRV
	/UGIOD04/SERVICE_DB_SEARCH_SRV
	/UGIOD04/SERVICE_HA_SEARCH_SRV

Table 1: Fiori OData Service

## Appendix 4: Glossary and Abbreviations

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

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