



*Perfect data is perfectly possible with Utopia.*

## High Level Scope for EAM Solutions by Utopia for S/4HANA

Release EAM 1909

## Document History

The following tables provide an overview of the most important document changes and approvals.

Version	Date	Description	Name
1.0	21-08-2019	Initial Release	Mani Balakrishnan
2.0	20-03-2020	Updated for EAM 1909 SP01	Mani Balakrishnan

## Approval History

Version	Date	Description	Name
1.0	13-09-2019	Approved version	Lyle Snyder
2.0	23-03-2020	Approved for EAM 1909 SP01	Lyle Snyder

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## Scope Overview

EAM 1909 content is valid for 1809 and 1909.

## Based on SAP GUI Views

The following topics are discussed in this section:

- [Equipment](#)
- [Functional Location](#)
- [Bill of Materials \(MBOM, EQBOM, FLBOM and WBSBOM\)](#)
- [Work Center](#)
- [Task List \(Equipment, Functional Location, and General\)](#)
- [Maintenance Plan/Item](#)
- [Measuring Point](#)
- [Object Links](#)
- [Object Networks](#)
- [IS-U Industry Solution](#)

## Equipment

The following Equipment topics are covered as part of the scope.

- Basic Data
- Set/Reset for Deletion
- Active/Inactive
- Copy with Reference "Equipment"
- General Data
- System - User Status
- General Reference Data
- General - Manufacturer Data
- Location Data
- Organization Account Assignment
- Organization - Responsibilities
- Structure
- Serialization Data with Stock Information
- Configuration Data
- Sales and Distribution Data
- Customer and Vendor/Manufacturer Warranty Details
- Sub Equipment (Display)
- Measuring Points (Display)
- Multilingual Short Text and Long Text
- Partner Assignment
- Permit Assignment
- Permit Long Text assignment at Equipment level
- Document (DMS) Create and Assign
- Document Description Multilingual Text and Long Text
- Supporting Production Resource Tools attributes
- Class Assignment
- Characteristics Assignment

- Linear Asset Management (LAM) Attributes and Characteristics (Optional)
  - Depending upon Equipment Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Equipment Category will enable the LAM Attributes and Characteristics. The sections are otherwise hidden.
  - Geographical Information Systems (GIS)
- Data Origin
- Inherited Objects
- View Selection
- Address Maintenance with international version
- Governance of Equipment generated from transactional system. (into Source System)
- Configuration Control
- IE4N- Serialized Material/Equipment Installation, Dismantling and Exchange with Configuration checks.
- Defense Forces and Public Security (DFPS) Operational Equipment.
- Geographical Enablement Framework (GEF), extension for EAM
- Fleet Management
- Asset Intelligence Network Model Integration

## Functional Location

The following Functional Location topics are covered as part of scope.

- Basic Data
- Set/Reset for Deletion
- Active/Inactive
- Copy from Functional Location
- Create Functional Location with reference to a Reference Functional Location
- Default values based on Superior Functional Location
- General Data
- System - User Status
- General - Reference Data
- General - Manufacturer Data
- Location Data
- Organization - Account Assignment
- Organization - Responsibilities
- Structure
- Customer and Vendor/Manufacturer Warranty Details
- Sales and Distribution (for Customer Location)
- Sub-Equipment (Display)
- Measuring Points (Display)
- Multilingual Short Text and Long Text
- Partners
- Permit
- Permit Long Text
- Class Assignment
- Characteristics Assignment
- Linear Asset Management (LAM) Attributes and Characteristics (Optional)
  - Depending upon Functional Location Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Functional Location Category will enable the LAM Attributes and Characteristics. The sections are otherwise hidden.
  - Geographical Information Systems (GIS)

- Document (DMS) Create and Assign
- Document Description Multilingual Short Text and Long Text
- Data Origin
- Inherited Objects
- Address Maintenance with international version
- Geographical Enablement Framework (GEF), extension for EAM

## Bill of Materials (MBOM, EQBOM, FLBOM, WBSBOM)

- Material BOM (MBOM)
- Equipment BOM (EQLBOM)
- Functional Location BOM (FLBOM)
- WBS BOM

The following BOM topics are covered as part of scope. Not all the fields/buttons (additional functionalities are covered as part of scope)

### Header Details

- Header Data
- Alternative Bill of Material (Multiple BOM) for MBOM
- Quantity and Validity Data
- Object Data (Material, Equipment and Functional location)
- BOM Text and Alternative Text (MBOM)
- Document (DMS) Create and Assign with Multilingual Short Text and Long Text

### Item Overview

- Item Details
- Additional Data
- MRP and Purchasing Data
- Item Statuses
- Document Assignment (Item Category "D") and Item Text
- Variable Size Item (Item Category R)
- Class Item for Material BOM (Item Category K)
- Sub-Items

## Work Center

The following Work Center topics are covered as part of scope.

- Basic Data
- Set/Reset for Deletion
- Lock/Unlock
- Default Values
- Standard Value Maintenance
- Multilingual Short Text and Long Text
- Capacities (Capacity Overview, Capacity Header, Assigning Pooled Capacity)
- Scheduling
- Costing
- Technology



- Class Assignment
- Characteristics Assignment
- Depending upon Work Center Category, the above fields will display in MDG UI and all related with Screen Group and Field Selection Configuration in ECC using OPFA transaction code.

## Task List (Equipment, Functional Location, and General)

The following Task List functionalities are covered as part of scope.

### Initial Screen

- Group – Internal and External number range
- Profile – User defaults

### Header

- Multiple Counter
- Short Text and Long Text
- Maintenance Strategy
- Assembly
- QM Data - Inspection Point
- Class and Characteristics Assignment
- Document (DMS) Create and Assign

### Operations

- Operation Long Text
- Standard Text Key
- Field Key
- Qualification
- Sub-Operation
- Summarize standard values
- Sub-Operation usage dates
- Maintenance Packages
- Components
- Relationships
- PRTs
- Service Packages
- Inspection Characteristic

## Maintenance Plan/Item

The following Maintenance Plan/Item topics are covered as part of scope.

### Maintenance Plan Header

- Basic Data
- Scheduling Parameters
- Additional Data

## Cycle

- Single Cycle Plan
- Strategy based Plan
- Multi Cycle Plan
- Multiple Counter Plan

## Maintenance Item

- Reference Object
- Planning Data
- Task List Data
- Linear Asset Management (LAM) Attributes (Optional)
  - Depending upon Reference Object's (Equipment or Functional Location) Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Equipment or Functional Location Category will enable the LAM Attributes. The section is otherwise hidden.
- Item Overview
- Object List Item
- Item Location
- Cycle Item MM/DD/YYYY

## Measuring Point

The following Measuring Point topics are covered as part of scope compared with transaction code IK01 and IK02 are covered as part of scope.

- Basic Data
- General Data
- Target Value
- Counter Data
- Additional Data
  - Measurement Range Limits
  - Measurement reading transfer
- Linear Asset Management (LAM) Attributes (Optional)
  - Depending upon Measuring Point Category, the relevant sections/components will be displayed in the MDG UI. A Linear Object Measuring Point Category will enable the LAM Attributes. The section is otherwise hidden.
- Class Assignment
- Characteristics Assignment
- Document (DMS) Create and Assign
- Document Description Multilingual Short Text and Long Text
- Active/Inactive

## Object Links

The following topics are covered as part of scope for Object Links.

### Non-LAM Object Links

- Basic Data
- System - User Status
- Objects Linked (Equipment and Functional Location)

- Multilingual Short Text and Long Text
- Class Assignment
- Characteristics Assignment
- Document (DMS) Create and Assign
- Document Description Multilingual Short Text and Long Text
- Mark for Deletion

### LAM Object Links

- In addition to non-LAM, Linear Asset Management (LAM) Attributes are in scope (Linear Reference Pattern and Geographical Information).
- Mark for Deletion

## Object Networks

The following topics are covered as part of scope for Object Networks.

### Non-LAM Network

- Network ID and Network ID short text
- Multilingual Short Text

### LAM Network

- Network Data
- Multilingual Short Text
- Network Data (Network Group and Network Type)
- Network Linear Data
- Object Links Creation within Network
- Object Links Assignment within Network
- De-Link Existing Object Links from Network

## IS-U Industry Solution

The following topics are covered:

- [Connection Object](#)
- [Device Location](#)
- [Device](#)

### Connection Object

- Connection Object header
- System - User Status
- Address along with International Version
- Class Assignment
- Characteristics Assignment
- Attributes
- Superior Functional Location
- Multilingual text
- Notes to Meter Reader
- Functional Location

## Device Location

- Device Location Header
- System - User Status
- Address along with International Version
- Class Assignment
- Characteristics Assignment
- Location
- Multilingual text
- Notes to Meter Reader
- Functional Location

## Device

- Basic Data
- Set/Reset for Deletion
- Active/Inactive
- General Data
- System - User Status
- General Reference Data
- General - Manufacturer Data
- Location Data
- Organization Account Assignment
- Organization - Responsibilities
- Structure
- Serialization Data with Stock Information
- Configuration Data
- Sales and Distribution Data
- Customer and Vendor/Manufacturer Warranty Details
- Multilingual Short Text and Long Text
- Partner Assignment
- Permit Assignment
- Permit Long Text assignment at Equipment level
- ISU Details
- IS Data: Group Data
- IS Data: Certification Data
- IS Data: Periodic replacement data
- IS Data: Inspection data
- IS Data: Device activities
- IS Data: Order and Notification data
- IS Data: Other Device data
- Supporting Production Resource Tools attributes
- Class Assignment
- Characteristics Assignment
- Address Maintenance.

## MDG Functionalities

The following MDG functionalities are discussed in this section:

- [Equipment](#)
- [Functional Location](#)
- [Bill of Materials \(MBOM, EQBOM, FLBOM and WBSBOM\)](#)
- [Work Center](#)
- [Task List \(Equipment, Functional Locations, and General\)](#)
- [Maintenance Plan/Item](#)
- [Measuring Point](#)
- [Object Links](#)
- [Object Networks](#)
- [IS-U Industry Solution](#)
- [MDC Functionalities \(Equipment, Functional Location, Equipment, Material BOM\)](#)
- [MDG-M Integration for Material BOM](#)

## Equipment

- Create Equipment
- Change Equipment
- Display Equipment
- Search in active area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Copy with Reference
- Mandatory error messages on the top and the link navigates to the fields
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents
- Context-Based Adaptations (CBA)
- Data Transfer (Inheritance)
- Address Maintenance with international version
- Governance of Equipment generated from transactional system. (into Source System)
- Configuration Control
- IE4N- Serialized Material/Equipment Installation, Dismantling and Exchange with Configuration checks
- Defense Forces and Public Security (DFPS) Operational Equipment.
- Geographical Enablement Framework (GEF), extension for EAM
- Fleet Management
- Asset Intelligence Network Model Integration

## Functional Location

- Create Functional Location
- Change Functional Location
- Display Functional Location
- Search in Active Area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Copy with Reference
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents
- Context-Based Adaptation (CBA)
- Data Transfer (Inheritance)
- Address Maintenance with international version
- Geographical Enablement Framework (GEF), extension for EAM

## Bill of Materials (MBOM, EQBOM, FLBOM and WBSBOM)

- Create BOM
- Change BOM
- Display BOM
- Search in Active Area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- Mass Change - MOP
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Copy Create with Reference and Cross Copy-Create (from MBOM to other BOMs)
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents
- Context-Based Adaptation (CBA)

## Work Center

- Create Work Center
- Change Work Center

- Display Work Center
- Search in MDG staging and Search in Active Area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Copy with Reference
- Mandatory error messages on the top and link to take you to the fields
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents
- Context-Based Adaptation (CBA)

## Task List (Equipment, Functional Locations, and General)

- Create Task List
- Change Task List
- Display Task List
- Search in Active Area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Copy with Reference
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents
- Context-Based Adaptations (CBA)

## Maintenance Plan/Item

- Create Maintenance Plan/Item
- Change Maintenance Plan/Item
- Display Maintenance Plan/Item
- Search in MDG staging and Search in Active Area using Database (DB) Search
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request

- Copy with Reference Maintenance Plan/Item
- Mandatory error message on the top and a link to navigate to the fields
- Dynamic Title
- Side Panel
- Context-Based Adaptations (CBA)
- HANA-based Search and Duplicate Check functionalities
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents

## Measuring Point

- Create Measuring Point
- Change Measuring Point
- Display Measuring Point
- Search in MDG Staging and search in Active Area using Database (DB) Search
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Object Change Request
- Copy with Reference
- Mandatory error message on the top and a link to navigate to the fields
- Dynamic Title
- HANA-based Search and Duplicate Check functionalities
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Change Documents
- Context-Based Adaptations (CBA)

## Object Links

- Create Object Links
- Change Object Links
- Copy Object Links
- Display Object Links
- Search in Active Area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Mandatory error message on the top and a link to navigate to the fields
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)



- Mark for Deletion
- Change Documents
- Context-Based Adaptations (CBA)

## Object Networks

- Create Object Networks
- Change Object Networks
- Display Object Networks
- Search in Active Area using Database (DB) Search
- HANA-based Search and Duplicate Check functionalities
- Mass Change
- File Download
- File Upload Create/Change
- Multiple Objects Change Request
- Mixed/Multiple Objects Change Request
- Copy with Reference
- Mandatory error message on the top and a link to navigate to the fields
- Dynamic Title
- Side Panel
- Data Import Framework (DIF) Create/Change
- Data Replication Framework (DRF)
- Mark for Deletion
- Change Documents
- Context-Based Adaptations (CBA)

## IS-U Industry Solution

The following topics are covered:

- [Connection Object](#)
- [Device Location](#)
- [Device](#)

## Connection Object

The following Connection object topics are covered as part of scope.

- Connection Object header
- System - User Status
- Address along with International Version
- Class Assignment
- Characteristics Assignment
- Attributes
- Superior Functional Location
- Multilingual text
- Notes to Meter Reader
- Functional Location

## Device Location

- Device Location Header
- System - User Status
- Address along with International Version
- Class Assignment
- Characteristics Assignment
- Location
- Multilingual text
- Notes to Meter Reader
- Functional Location

## Device

- Basic Data
- Set/Reset for Deletion
- Active/Inactive
- General Data
- System - User Status
- General Reference Data
- General - Manufacturer Data
- Location Data
- Organization Account Assignment
- Organization - Responsibilities
- Structure
- Serialization Data with Stock Information
- Configuration Data
- Sales and Distribution Data
- Customer and Vendor/Manufacturer Warranty Details
- Multilingual Short Text and Long Text
- Partner Assignment
- Permit Assignment
- Permit Long Text assignment at Equipment level
- ISU Details
  - IS Data: Group data
  - IS Data: Certification data
  - IS Data: Periodic replacement data
  - IS Data: Inspection data
  - IS Data: Device activities
  - IS Data: Order and Notification data
  - IS Data: Other Device data
- Supporting Production Resource Tools attributes
- Class Assignment
- Characteristics Assignment
- Address along with International Version

## Data Transfer (Inheritance) and Data Origin

List of fields for available for Data Transfer:

SL no	Process (technical Objects Tab)	Field Description	Functional Location	Equipment
1	General Data	Authorization group	Yes	Yes
2	Location Data	Maint.plant	Yes	Yes
		Location	Yes	Yes
		Room	Yes	Yes
		Plant section	Yes	Yes
		PP work ctr	Yes	Yes
		ABC indic.	Yes	Yes
		Address number	Yes	Yes
		Sort Field	No	Yes
3	Organization	Company Code		
		Business Area	Yes	Yes
		Asset	Yes	No
		Cost Center	Yes	Yes
		CO Area	Yes	Yes
		WBS Element	Yes	Yes
		StandgOrder	Yes	Yes
		Settlement Order	Yes	Yes
		Planning plant	Yes	Yes
		Planner group	Yes	Yes
		Work Center	Yes	Yes
		Catalog profile	Yes	Yes
4	Structure	ConstType	Yes	No
		EquipInstall.	Yes	No
5	Sales and Distribution	Sales Org.	Yes	Yes
		Distr. Channel	Yes	Yes
		Division	Yes	Yes
		Sales Office	Yes	Yes
		Sales Group	Yes	Yes

## Supports

- Data Transfer (for more information refer [https://help.sap.com/erp2005\\_ehp\\_05/helpdata/EN/67/79bb53707db44ce1000000a174cb4/f/rameset.htm](https://help.sap.com/erp2005_ehp_05/helpdata/EN/67/79bb53707db44ce1000000a174cb4/f/rameset.htm))
- Displaying and Changing Data Origin (for more information refer [https://help.sap.com/erp2005\\_ehp\\_05/helpdata/EN/67/79bb53707db44ce1000000a174cb4/f/rameset.htm](https://help.sap.com/erp2005_ehp_05/helpdata/EN/67/79bb53707db44ce1000000a174cb4/f/rameset.htm))

## Data Transfer

- Hierarchical Data Transfer
- Horizontal Data Transfer:
- Data Transfer by system Rule
  - Rule 1
  - Rule 2
  - Rule 3
- Individually-Defined Data Transfer
- Transferring Data from Dependent Fields

## Displaying and Changing Data Origin

- In MDG Dismantle and Installation is a single-step process as compared to two-step process in ERP

## MDC Functionalities (Equipment, Functional Location, Material BOM)

### MDC Equipment

- Create Equipment
- Change Equipment
- Consolidation of best records
- Classification Assignment
- Address Maintenance
- Maintain Sales and Distribution data, Partner, Permits and Warranty
- Maintain Multilingual Equipment description and Long Text
- Change Process Analysis
- Track Mass Changes
- Export Master Data
- Manage Source Data
- Master Data Process Overview

### MDC Functional Location

- Create Functional Location
- Change Functional Location
- Consolidation of best records for Functional Location
- Classification Assignment
- Address Maintenance
- Maintain Sales and Distribution data, Partner, Permits and Warranty
- Maintain Multilingual Equipment description and Long Text
- Change Process Analysis
- Track Mass Changes
- Export Master Data
- Manage Source Data
- Master Data Process Overview

### MDC Material BOM

- Create BOM
- Change BOM
- Change Process Analysis
- Track Mass Changes
- Export Master Data
- Manage Source Data
- Master Data Process Overview

## Analytics for EAM objects

Following analytics topics are in scope –

- Master Data Process Overview for all EAM objects
- Change Request Analysis for all EAM objects
- Change Process Analysis for Equipment, Functional Location & Material BOM objects

## Integration Services for EAM Objects

Read APIs are provided for all EAM objects to support integration with third party applications. These APIs support CRUD (Create, Update, Read, Delete) operations for Single Object Processing (SOP) and Multiple Object Processing (MOP) Scenarios in MDG for all EAM Objects. Below is the list of EAM Objects for which APIs are provided -

- Equipment
- Functional Location
- Bill of Material
  - Material BOM
  - Equipment BOM
  - Functional Location BOM
  - Workbench Structure BOM
- Task List
  - General Task List
  - Equipment Task List
  - Functional Location Task List
- Work Centre
- Object Network
- Object Link
- Maintenance Plant
- Measuring Point.

## MDG-M Integration for Material BOM

- Create Material BOM (SOP)
- Change Material BOM (SOP)

## Scope in detail for MDG

The following scope are detailed in this section:

- [Equipment](#)
- [Functional Location](#)
- [Bill of Materials \(MBOM, EQBOM, FLBOM and WBSBOM\)](#)
- [Work Center](#)
- [Task Lists \(Equipment, Functional Location, and General\)](#)
- [Maintenance Plan/Item](#)
- [Measuring Point](#)
- [Object Links](#)
- [Object Networks](#)
- [IS-U Industry Solution](#)
- [MDC Scope \(Equipment, Functional Location, Material BOM\)](#)
- [MDG-M Integration for Material BOM](#)

## Equipment

### Create Equipment

- Maintain Basic Data

- Maintain General Data
- Maintain System - User Status
- Maintain General - Manufacturer Data
- Maintain Location Data
- Maintain Organization Account Assignment
- Maintain Organization - Responsibilities
- Maintain Structure Data (Install and Dismantle)
- Maintain Serialization Data
- Display Stock Information
- Maintain Configuration Data
- Maintain Sales and Distribution Data
- Maintain Warranty Details
- Display Sub Equipment details
- Display Measuring Points
- Maintain Multilingual Equipment Description and Long Text
- Maintain Partners
- Permit Assignment
- Maintain Permit Long Text assignment at Equipment Level
- Maintain Document Create and assignment
- Maintain Document Description Multilingual Text and Long Text
- Maintain Supporting Production Resource Tools attributes
- Maintain Class
- Maintain Characteristics and Values
- Maintain Linear Asset Management (LAM) Attributes and Characteristics (Optional)
  - Depending upon Equipment Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Equipment Category will enable the LAM Attributes and Characteristics. The sections are otherwise hidden.
- Maintain Data Origin Indicators
- Maintain Address and International address version
- Governance of Equipments created in transactional system during Serialization of Material supported for both Hub and Co-Deployment System Landscape.
- Serialized Material/Equipment Installation, Dismantling and Exchange functionalities (IE4N) with and without Split Valuation.
- Configuration Control
- Defense Forces and Public Security (DFPS) Operational Equipment
- Maintain Geospatial attributes and enabling interaction via map.
- Fleet Management
- Assign Model from Asset Intelligence Network and Synchronization of Documents and Attributes

## Change Equipment

- Change Basic Data
- Change General Data
- Change/Display System - User Status
- Change General - Manufacturer Data
- Change Location Data
- Change Organization Account Assignment
- Change Organization - Responsibilities
- Change Structure Data (Install and Dismantle)

- Change Serialization Data
- Display Stock Information
- Change Configuration Data
- Change Sales and Distribution Data
- Change Warranty Details
- Display Sub Equipment details
- Display Measuring Points
- Change Multilingual Equipment Description and Long Text
- Change Partners
- Permit Assignment
- Change Permit Long Text assignment at Equipment Level.
- Change Document Create and Assignment
- Change Document Description Multilingual Text and Long Text
- Change Supporting Production Resource Tools attributes
- Change Class
- Change Characteristics and Values
- Change Linear Asset Management (LAM) Attributes and Characteristics (Optional)
  - Depending upon Equipment Category, the mentioned Sections/Components will be displayed in the MDG UI. A Linear Object Equipment Category will enable the LAM Attributes and Characteristics. The sections are otherwise hidden.
- Change Data Origin Indicators
- Maintain Address and International address version
- Governance of Equipments created in transactional system during Serialization of Material supported for both Hub and Co-Deployment System Landscape.
- Serialized Material/Equipment Installation, Dismantling and Exchange functionalities (IE4N) with and without Split Valuation.
- Configuration Control
- Defense Forces and Public Security (DFPS) Operational Equipment
- Maintain Geospatial attributes and enabling interaction via a map.
- Fleet Management
- Assign Model from Asset Intelligence Network and Synchronization of Documents and Attributes

## Mass Change

- Functionality is available to change the master data for multiple Equipment to a common value through Multiple Object Processing

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new Equipment with copy functionality by using existing Equipment.
- The following sub objects are copied with this Functionality:
  - Install Location
  - Long text with Multilingual text
  - Classification
  - Document Assignments

- Partner allocations
- Permits
- Address along with International version
- Configuration

## File Download

- File Download functionality is available for existing multiple Equipment.

## File Upload Create/Change

- File Upload create functionality is available for Creating multiple new Equipment and Change for existing multiple Equipment

## Multiple Objects Change Request

- MDG Equipment is equipped with the functionality to process multiple Equipment in single Change Request

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Equipment Master, Functional Location, Bill of Materials, Measuring Point, Work Center) in a single Change Request.

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results and Mass Change

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Equipment using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUR, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Equipment

## Functional Location

### Create Functional Location

- Maintain Basic Data
- Create Functional Location with reference to a Reference Functional Location
- Default values based on Superior Functional Location



- Maintain General Data
- Maintain System - User Status
- Maintain General - Reference Data
- Maintain General - Manufacturer Data
- Maintain Location Data
- Maintain Organization - Account Assignment
- Maintain Organization - Responsibilities
- Maintain Structure Data
- Maintain Partners
- Maintain Multilingual Functional Location Description and Long Text
- Permit Assignment
- Maintain Permit Long Text assignment at Functional Location Level
- Maintain Warranty Details (Master Warranty Assignment)
- Maintain Sales and Distribution (for Customer Location)
- Maintain Class Assignments
- Maintain Characteristics Assignment
- Maintain Linear Asset Management (LAM) Attributes and Characteristics (Optional)
  - Depending upon Functional Location Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Functional Location Category will enable the LAM Attributes and Characteristics. The sections are otherwise hidden.
- Maintain Data Origin Indicators
- Maintain Address and International address version
- Maintain Geospatial attributes and enabling interaction via a map.

## Change Functional Location

- Change Basic Data
- Copy Reference Functional Location
- Default values based on Superior Functional Location
- Change General Data
- Change System - User Status
- Change General - Reference Data
- Change General - Manufacturer Data
- Change Location Data
- Change Organization - Account Assignment
- Change Organization - Responsibilities
- Change Structure Data
- Change Partners
- Change Multilingual Functional Location Description and Long Text
- Change Permit
- Change Permit Long Text assignment at Functional Location Level
- Change Warranty Details (Master Warranty Assignment)
- Change Sales and Distribution (for Customer Location)
- Change Class Assignments
- Change Characteristics Assignment
- Change Linear Asset Management (LAM) Attributes and Characteristics (Optional)
  - Depending upon Functional Location Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Functional Location Category will enable the LAM Attributes and Characteristics. The sections are otherwise hidden.
- Change Data Origin Indicators

- Maintain Address and International address version
- Maintain Geospatial attributes and enabling interaction via a map.

## Mass Change

- Functionality is available to change the master data for multiple Functional Location to a common value through Multiple Object Processing

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new Functional Location with Copy functionality by using existing Functional Location.
- The following sub objects are copied with this Functionality:
  - Long text with Multilingual text
  - Classification
  - Partner allocation
  - Permits
  - Maintain Address along with International version
  - Document Assignments

## File Download

- File Download functionality is available for existing multiple Functional Location.

## File Upload Create/Change

- File Upload create functionality is available for Creating multiple new Functional Location and Change for existing multiple Functional Location

## Multiple Objects Change Request

- MDG Functional Location is equipped with the functionality to process multiple Functional Location in single Change Request

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Equipment Master, Functional Location, Bill of Materials, Measuring Point, Work Center) in a single Change Request.

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results and Mass Change

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Functional Locations using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Functional Location

## Bill of Materials (MBOM, EQBOM, FLBOM and WBSBOM)

### Create BOM Header with Components

- Maintain Header Data
- Maintain Quantity Data
- Maintain BOM Text and Long Text
- Maintain Alternative Text for MBOM
- Maintain BOM Item Details
- Maintain BOM Sub-Items
- Maintain Item Category Specific Data

Note: All the BOM usage types such as Material BOM (CS01) and WBS BOM (CS71) are supported.

### Change BOM Header with Components

- Change Header Data
- Change Quantity Data
- Change BOM Text and Long Text
- Change Alternative Text
- Change BOM Item Details
- Change BOM Sub-Items
- Maintain Item Category Specific Data

## Mass Change

- Mass Change Functionality is available to change the master data for multiple BOMs to a common value through Multiple Object Processing.

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new BOM with copy functionality by using existing BOM and Cross Copy (MBOM to other BOMs)

## File Download

- File Download functionality is available for existing multiple BOMs

## File Upload Create/Change

- File Upload Create functionality is available for Creating multiple new BOMs and Change for existing multiple BOMs

## Multiple Objects Change Request

- BOM is equipped with the functionality to process multiple BOM's in single Change Request

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Equipment Master, Functional Location, Bill of Materials, Measuring Point, Work Center) in a single Change Request.

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results with separate Change Request

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple BOMs using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manuals/Equipment/Functional Location/WBS Elements Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in BOMs

## Work Center

- Based on Work Center, Category can configure the Work Center Screen group and Field selection by using transaction code OPFA

## Create Work Center

- Maintain Default Value fields

- Maintain Normal Capacity
- Maintain Pooled Capacity Category and Capacity
- Maintain Capacity Category which has assigned in Capacity List
- Maintain Capacity Category and Capacity if it is a Pooled Capacity
- Maintain Costing Data fields
- Maintain Technology fields
- Maintain Class Assignments
- Maintain Characteristics Assignment

## Change Work Center

- Change Basic Data fields
- Change Default Value fields
- Change Normal Capacity
- Change Pooled Capacity Category and Capacity
- Change Capacity Category which has assigned in Capacity List
- Change Capacity Category and Capacity if it is a Pooled Capacity
- Change Costing Data fields
- Change Technology fields
- Change Class Assignments
- Change Characteristics Assignment

## Mass Change

- Functionality is available to change the master data for multiple Work Center to a common value through Multiple Object Processing. Change Request can be created before you can process data and you can create CR and integrate with mass change process.

## Search

- Functionality available on fields by using DB search
- Functionality available on fields by using HANA search

## Copy Functionality

- Create new Work Center with Copy functionality by using existing Work Centers

## File Download

- File Download functionality is available for existing multiple Work Centers

## File Upload Create/Change

- File Upload Create functionality is available for Creating multiple new work and Change for existing multiple Work Centers

## Multiple Objects Change Request

- Functionality is available for create/change and you can use this process to create a Change Request.

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Equipment Master, Functional Location, Bill of Materials, Measuring Point, Work Center) in a single Change Request.

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results and Mass Change

## Setting Lock Indicator

- Setting and resetting the lock indicator option is available in the Change Work Center

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Work Centers using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying the changes made in Work Center

## Task Lists (Equipment, Functional Location, and General)

### Create Task List

- Create Task List with Internal and External number range Group and Counter
- Create Task List with reference to Profile – User defaults
- Create Task List with Multiple Counter
- Create Task List with Long Text
- Create Task List with Strategy
- Create Task List with QM Data – Inspection Point
- Create Task List with Classification
- Create Task List Operations
- Create Task List Operation with Long Text
- Create Task List Operation with User Field key
- Create Task List Operation with Qualification
- Create Task List Operation with Sub-Operation
- Create Task List Operation with Sub-Operation usage dates
- Create Task List Operation with Maintenance Packages
- Create Task List Operation with Components
- Create Task List Operation with Relationships
- Create Task List Operation with PRT (all types including measuring point type PRT)
- Create Task List Operation with Service Packages

- Create Task List Operation with Inspection Characteristic
- Create Task List Operation with reference to technical object

## Change Task List Header and Components

- Change Task List Header Details.
- Change Task List with Multiple Group Counter
- Change Task List with Long Text
- Change Task List with Strategy
- Change Task List with QM Data – Inspection Point
- Change Task List with Classification
- Change Task List Operations
- Change Task List Operation with Long Text
- Change Task List Operation with User Field key
- Change Task List Operation with Qualification
- Change Task List Operation with Sub-Operation
- Change Task List Operation with Sub-Operation usage dates
- Change Task List Operation with Maintenance Packages
- Change Task List Operation with Components
- Change Task List Operation with Relationships
- Change Task List Operation with PRT (all types including measuring point type PRT)
- Change Task List Operation with Service Packages
- Change Task List Operation with Inspection Characteristic
- Change Task List Operation with reference to technical object

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup
- Search any Task List type (Cross Search)

## Copy Functionality

- Create new Task List with copy functionality by using existing Task List (Cross Copy)

## File Download

- File Download functionality is available for existing multiple Task Lists

## File Upload Create/Change

- File Upload Create functionality is available for Creating multiple new Task List and Change for existing multiple Task List

## Multiple Objects Change Request

- Task List is equipped with the functionality to process multiple Task Lists in a single Change Request

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Equipment Master, Functional Location, Bill of Materials, Measuring Point, Work Center) in a single Change Request.

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Task Lists using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Task List

## Maintenance Plan/Item

### Create Maintenance Plan

- Create Single Cycle Maintenance Plans (Time/Performance based)
- Create Strategy Maintenance Plans (Time/Performance based)
- Create Multiple Counter Maintenance Plans
- Create Multiple Cycles Maintenance Plans reference to Cycle Sets
- Create Maintenance Item during Maintenance Plan creation
- Create Multiple Items (Create and Assign Maintenance Items)
- Create Maintenance Plan with Object List Items (Functional Location, Equipment, Assembly, Material and Serial Number)
- Create Maintenance Plan with Linear Asset Management (LAM) Attributes (Optional)
  - Depending upon Reference Object's (Equipment or Functional Location) Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Equipment or Functional Location Category will enable the LAM Attributes. The section is otherwise hidden.

### Change Maintenance Plan

- Change Single Cycle Maintenance Plans (Time/Performance based)
- Change Strategy Maintenance Plans (Time/Performance based)
- Change Multiple Counter Maintenance Plans
- Change Multiple Cycles Maintenance Plans reference to Cycle Sets
- Change Maintenance Item during Maintenance Plan creation
- Change Multiple Items (Change and assign Maintenance Items)



- Change Maintenance Plan with Object List Items (Functional Location, Equipment, Assembly, Material and Serial Number)
- Change Maintenance Plan with Linear Asset Management (LAM) Attributes (Optional)
  - Depending upon Reference Object's (Equipment or Functional Location) Category, relevant sections/components will be displayed in the MDG UI. A Linear Object Equipment or Functional Location Category will enable the LAM Attributes. The section is otherwise hidden.

## Mass Change

- Functionality is available to change the master data for multiple Maintenance Plan to a common value through Multiple Object Processing. Before you can process the data. A Change Request is required to approve the changes to the Maintenance Plan.

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new Maintenance Plan with copy functionality by using existing Maintenance Plan as reference
- Maintenance Item Data is copied to new maintenance items. New items have temporary number (% as prefix) and final number is created on CR approval.

## File Download

- File Download functionality is available for existing Maintenance Plans
- Files can be downloaded separately for Maintenance Plan, Maintenance Cycle and Maintenance Items

## File Upload Create/Change

- File Upload Create and Change functionality is available for creating new Maintenance Plan and Change for existing Maintenance Plans

## Multiple Objects Change Request

- Functionality is available for create/change and you can use this service to create a Change Request. Before you can process Mass Change and File Upload, you need to create a Change Request which is used to approve the changes to the Maintenance Plan.

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Maintenance Plan, Equipment Master, Functional Location, Material BOM, Measuring Point, Task List and Work Center) in a single Change Request.

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results and Mass Change process.

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Maintenance Plans using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Maintenance Plan

## Measuring Point

### Create Measuring Point for Equipment/ Functional location

- Assignment of a Measuring Point Category
  - With Counter
  - Without Counter
- Maintain Basic Data
- Maintain General Data
- Maintain Target Limits and Counter Data
- Maintain Additional Data – Measurement Range Limits
- Maintain General Class Assignment and Characteristics
- Maintain Measurement Reading Transfer functionality
- Maintain Linear Asset Management (LAM) Attributes (Optional)
  - Depending upon Measuring Point Category, the relevant sections/components will be displayed in the MDG UI. A Linear Object Measuring Point Category will enable the LAM Attributes. The section is otherwise hidden

### Change Measuring Point

- Change the values of informative Characteristics
- Change Basic Data
- Change General Data
- Change Target Limits and Counter Data
- Change Additional Data – Measurement Range Limits
- Change General Class Assignment and Characteristics
- Change Measurement Reading Transfer functions.
- Change Linear Asset Management (LAM) Attributes (Optional)
  - Depending upon Measuring Point Category, the relevant sections/components will be displayed in the MDG UI. A Linear Object Measuring Point Category will enable the LAM Attributes. The section is otherwise hidden.

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new Measuring Point with copy functionality by using existing Measuring Point as reference

## File Download

- File Download functionality is available for existing Measuring Points

## File Upload Create/Change

- File Upload Create and Change functionality is available for creating new Measuring Point and Change of existing Measuring Points

## Multiple Objects Change Request

- Functionality is available for Create/Change and you can use this service to create a Change Request. Before you can process Mass Change and File Upload, you need to create a Change Request which is used to approve the changes to the Measuring Point.

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Maintenance Plan, Equipment Master, Functional Location, Material BOM, Measuring Point, Task List and Work Center) in a single Change Request.

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Measuring Points using xml and csv files with Key Mapping and without Key Mapping.

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the Data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Measuring Point

## Object Links

### Create Object Links

- Maintain Basic Data
- Maintain System - User Status
- Maintain Objects Linked (supported for both Equipment and Functional Location)
- Maintain Multilingual Short Text and Long Text
- Classification Assignment (Assign Class, Characteristic and Values)
- Maintain Document Create and Assignment
- Maintain Document Description Multilingual Text and Long Text

- Maintain Linear Asset Management (LAM) Attributes (Linear Reference Pattern and Geographical Information are in scope) (Optional)

## Change Object Links

- Change Basic Data
- Change System - User Status
- Change Objects Linked (supported for both Equipment and Functional Location)
- Change Multi Lingual Short Text and Long Text
- Classification assignment (Assign Class, Characteristic and Values)
- Change Document Create and Assignment
- Change Document Description Multilingual Text and Long Text
- Change Linear Asset Management (LAM) Attributes (Linear Reference Pattern and Geographical Information are in scope) (Optional)

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup.

## Copy Functionality

- Create new Object Links with Copy functionality by using existing Object Links as reference.
- File Download
- File Download functionality is available for existing Object Links

## File Upload Create/Change

- File Upload Create and Change functionality is available for creating new Object Links and Change of existing Object Links

## Multiple Objects Change Request

- Functionality is available for Create/Change and you can use this service to create a Change Request. Before you can process Mass Change and File Upload, you need to create a Change Request which is used to approve the changes to the Object Links.

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example, Maintenance Plan, Equipment Master, Functional Location, Material BOM, Measuring Point, Task List, Work Center and Object Links) in a single Change Request.

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Object Links using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the Data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Object Links

## Object Networks

### Create Object Networks

- Maintain Network ID
- Maintain Multilingual Short Text and Long Text
- Maintain Network Data (Network Group and Network Type)
- Maintain Network Linear Data
- Object Links Creation within Network
- Object Links Assignment within Network
- De-Link Existing Object Links from Network
- Links mark and remove Mark for Deletion

### Change Object Networks

- Network ID
- Change Multilingual Short Text and Long Text
- Change Network Data (Network Group and Network Type)
- Change Network Linear Data
- Object Links Creation within Network
- Object Links Assignment within Network
- De-Link Existing Object Links from Network
- Links mark and remove Mark for Deletion

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup.

## Copy Functionality

- Create new Measuring Point with Copy functionality by using existing Object Networks as reference.

## File Download

- File Download functionality is available for existing Object Networks

## File Upload Create/Change

- File Upload Create and Change functionality is available for creating new Object Networks and Change of existing Object Networks

## Multiple Objects Change Request

- Functionality is available for Create/Change and you can use this service to create a Change Request. Before you can process Mass Change and File Upload, you need to create a Change Request which is used to approve the changes to the Object Networks

## Mixed/Multiple Objects Change Request

- Functionality is available for Create/Change Mixed Multiple Object Processing Change Request. With this Change Request, you can process all EAM master objects (for example. Maintenance Plan, Equipment Master, Functional Location, Material BOM, Measuring Point, Task List, Work Center, Object Links and Object Networks) in a single Change Request.

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Object Networks using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Object Networks.

## IS-U Industry Solution

The following topics are covered:

### Connection Object

#### Create Connection Object

- Maintain Basic Data
- Maintain System - User Status
- Maintain Class Assignments
- Maintain Characteristics Assignment
- Maintain Address along with International Version
- Maintain Attributes
- Maintain Superior Functional location
- Maintain Multilingual text for Functional location
- Maintain Notes for meter reader

#### Change Connection Object

- Change Basic Data
- Change System - User Status
- Change Class Assignments
- Change Characteristics Assignment

- Change Address along with International Version
- Change Attributes
- Change Superior Functional location
- Change Multilingual text for Functional location
- Change Notes to meter reader
- Display Functional Location

## Mass Change

- Functionality is available to change the master data for multiple connection objects to a common value through Multiple Object Processing

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new connection object with Copy functionality by using existing Connection Object.
- The following sub objects are copied with this Functionality:
  - General data
  - System & User Status
  - Address along with International Version
  - County code & Pol. Regional structure element
  - Attributes
  - Superior Functional location
  - Multilingual text
  - Notes to meter reader

## File Download

- File Download functionality is available for existing Multiple Connection Object.

## File Upload Create/Change

- File Upload create functionality is available for Creating Multiple Connection Object and Change for existing multiple Connection Object

## Multiple Objects Change Request

- MDG Connection Object is equipped with the functionality to process Multiple Connection Object in single Change Request

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Connection Object using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying all the changes performed on Connection object

## Device Location

### Create Device Location

- Maintain Header Data
- Maintain System - User Status
- Maintain Location
- Maintain Multilingual text for Device location
- Display Address along with International Version
- Maintain Class Assignments
- Maintain Characteristics Assignment
- Maintain Notes to meter reader

### Change Device Location

- Change Header Data
- Change System - User Status
- Change Location
- Change Multilingual text for Device location
- Display Address along with International Version
- Change Class Assignments
- Change Characteristics Assignment
- Change Notes to meter reader
- Display Functional Location

### Mass Change

- Functionality is available to change the master data for multiple Device Location to a common value through Multiple Object Processing

### Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

### Copy Functionality

- Create new Device Location Object with Copy functionality by using existing Device Location Object.
- The following sub objects are copied with this Functionality:
  - Header data
  - System & User Status
  - Location
  - Address along with International Version
  - Multilingual text
  - Notes to meter reader



## File Download

- File Download functionality is available for existing Multiple Device Location.

## File Upload Create/Change

- File Upload create functionality is available for Creating Multiple Device Location and Change for existing multiple Device Location

## Multiple Objects Change Request

- MDG Connection Object is equipped with the functionality to process Multiple Device Location in single Change Request

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change Multiple Device Location using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying all the changes performed on Device Location

## Device

### Create Device

- Maintain Basic Data
- Maintain Set/Reset for Deletion
- Maintain Active/Inactive
- Maintain General Data
- Maintain System - User Status
- Maintain General Reference Data
- Maintain General - Manufacturer Data
- Maintain Location Data
- Maintain Organization Account Assignment
- Maintain Organization - Responsibilities
- Maintain Structure
- Maintain Serialization Data with Stock Information
- Maintain Configuration Data
- Maintain Sales and Distribution Data
- Maintain Customer and Vendor/Manufacturer Warranty Details
- Maintain Multilingual Short Text and Long Text
- Maintain Partner Assignment
- Maintain Permit Assignment
- Maintain Permit Long Text assignment at Equipment level
- Maintain ISU Details

- Maintain IS Data: Group Data
- Maintain IS Data: Certification Data
- Maintain IS Data: Periodic replacement data
- Maintain IS Data: Inspection data
- Maintain IS Data: Device activities
- Maintain IS Data: Order and Notification data
- Maintain IS Data: Other Device data
- Maintain Supporting Production Resource Tools attributes
- Maintain Class Assignment
- Maintain Characteristics Assignment
- Maintain Address along with International version

## Change Device

- Change Basic Data
- Change Set/Reset for Deletion
- Change Active/Inactive
- Change General Data
- Change System - User Status
- Change General Reference Data
- Change General - Manufacturer Data
- Change Location Data
- Change Organization Account Assignment
- Change Organization - Responsibilities
- Change Structure
- Change Serialization Data with Stock Information
- Change Configuration Data
- Change Sales and Distribution Data
- Change Customer and Vendor/Manufacturer Warranty Details
- Change Multilingual Short Text and Long Text
- Change Partner Assignment
- Change Permit Assignment
- Change Permit Long Text assignment at Equipment level
- Change ISU Details
  - Change IS Data: Group Data
  - Change IS Data: Certification Data
  - Change IS Data: Periodic replacement data
  - Change IS Data: Inspection data
  - Change IS Data: Device activities
  - Change IS Data: Order and Notification data
  - Change IS Data: Other Device data
- Change Supporting Production Resource Tools attributes
- Change Class Assignment
- Change Characteristics Assignment
- Change Address along with International version

## Mass Change

- Functionality is available to change the master data for multiple Devices to a common value through Multiple Object Processing

## Search

- Functionality available on fields by using DB search
- Functionality of HANA Search is supported subjective the hardware and setup

## Copy Functionality

- Create new Device with copy functionality by using existing Device.
- The following Sub objects are copied with this Functionality:
  - Install Location
  - Long text with Multilingual text
  - Classification
  - Partner allocations
  - Permits
  - Address
  - Configuration
  - IS data

## File Download

- File Download functionality is available for existing multiple Device.

## File Upload Create/Change

- File Upload create functionality is available for Creating multiple new Device and Change for existing multiple Device

## Multiple Objects Change Request

- MDG Device is equipped with the functionality to process multiple Device in single Change Request

## Mark for Deletion

- Mark for Deletion Set/Reset functionality is available through Search Results and Mass Change

## Data Import Framework (DIF)

- Data Import functionality is available for importing to Create/Change multiple Device using xml and csv files with Key Mapping and without Key Mapping

## Data Replication Framework (DRF)

- Data Replication functionality is available to replicate the data to target systems through Manual Replication, DRFOUT, and Auto Replication

## Change Documents

- Change Documents functionality is available for displaying what changes were made in Device

## MDC Scope (Equipment, Functional Location, Material BOM)

The following topics are covered:

- [Equipment](#)
- [Functional Location](#)
- [Material BOM](#)

## Equipment

### Create Equipment

Create Equipment with the following details:

- Maintain Basic Data
- Maintain General Data
- Maintain System - User Status
- Maintain General - Manufacturer Data
- Maintain Location Data
- Maintain Organization Account Assignment
- Maintain Organization - Responsibilities
- Maintain Structure Data
- Maintain Serialization Data
- Maintain Configuration Data
- Maintain Sales and Distribution Data
- Maintain Warranty Details
- Display Sub Equipment details
- Display Measuring Points
- Maintain Multilingual Equipment Description and Long Text
- Maintain Partners
- Permit Assignment
- Maintain Permit Long Text assignment at Equipment Level
- Maintain Document Create and assignment
- Maintain Document Description Multilingual Text and Long Text
- Maintain Class
- Maintain Characteristics and Values
- Maintain Address

### Change Equipment

The following details can be modified for the Equipment with and without file:

- Change Basic Data
- Change General Data
- Change/Display System - User Status
- Change General - Manufacturer Data
- Change Location Data
- Change Organization Account Assignment
- Change Organization - Responsibilities
- Change Structure Data
- Change Serialization Data
- Change Sales and Distribution Data
- Change Warranty Details
- Change Partners

- Permit Assignment
- Maintain Address

## Consolidation of Best Records

- Change Basic Data
- Change General Data
- Change/Display System - User Status
- Change General - Manufacturer Data
- Change Location Data
- Change Organization Account Assignment
- Change Organization - Responsibilities
- Change Structure Data
- Change Serialization Data
- Change Sales and Distribution Data
- Change Warranty Details
- Change Partners
- Permit Assignment
- Maintain Address

## Direct Activation

- Direct activation functionality is available for Create equipment
- Change MBOM (with and without file) with already existing equipment
- Key Mapping functionality is available
- BRF Plus functionality is available

## Change Request Activation

- Change Request activation functionality is available for Create equipment
- Change MBOM (with and without file) with already existing equipment
- Key Mapping functionality is available
- BRF Plus functionality is available

## Functional Location

### Create Functional Location

Create Functional Location with the following details:

- Maintain Basic Data
- Maintain General Data
- Maintain System - User Status
- Maintain General - Manufacturer Data
- Maintain Location Data
- Maintain Organization Account Assignment
- Maintain Organization - Responsibilities
- Maintain Structure Data
- Maintain Serialization Data
- Maintain Configuration Data
- Maintain Sales and Distribution Data

- Maintain Warranty Details
- Display Sub Equipment details
- Display Measuring Points
- Maintain Multilingual Functional Location Description and Long Text
- Maintain Partners
- Permit Assignment
- Maintain Permit Long Text assignment at Equipment Level
- Maintain Document Create and assignment
- Maintain Document Description Multilingual Text and Long Text
- Maintain Class
- Maintain Characteristics and Values
- Maintain Address

## Change Functional Location

The following details can be modified for the Functional Location with and without file:

- Change Basic Data
- Change General Data
- Change/Display System - User Status
- Change General - Manufacturer Data
- Change Location Data
- Change Organization Account Assignment
- Change Organization - Responsibilities
- Change Structure Data
- Change Serialization Data
- Change Sales and Distribution Data
- Change Warranty Details
- Change Partners
- Permit Assignment
- Maintain Address

## Consolidation of Best Records

- Change Basic Data
- Change General Data
- Change/Display System - User Status
- Change General - Manufacturer Data
- Change Location Data
- Change Organization Account Assignment
- Change Organization - Responsibilities
- Change Structure Data
- Change Serialization Data
- Change Sales and Distribution Data
- Change Warranty Details
- Change Partners
- Permit Assignment
- Maintain Address

## Direct Activation

- Direct activation functionality is available for Create Functional Location
- Change MBOM (with and without file) with already existing Functional Location
- Key Mapping functionality is available
- BRF Plus functionality is available

## Change Request Activation

- Change Request activation functionality is available for Create Functional Location
- Change MBOM (with and without file) with already existing Functional Location
- Key Mapping functionality is available
- BRF Plus functionality is available

## Material BOM

### Create MBOM Header with Components

- Maintain Header Data
- Maintain Quantity Data
- Maintain BOM Text and Long Text Components
- Maintain Alternative Text for MBOM
- Maintain BOM Item Details
- Maintain BOM Sub-Items
- Maintain Item Category Specific Data

### Change BOM Header with Components

The following details can be modified for the Material BOM with file

- Change Header Data
- Change Quantity Data
- Change BOM Text
- Change Alternative Text
- Change BOM Item Details
- Change BOM Sub-Items
- Maintain Item Category Specific Data

The following details can be modified for the Material BOM without file

- Change Header data only

## Direct Activation

- Direct activation functionality is available for Create MBOM
- Change MBOM (with and without file) with already existing MBOM
- Key Mapping functionality is available
- BRF Plus functionality is available

## Change Request Activation

- Change request activation functionality is available for Create MBOM
- Change MBOM (with and without file) with already existing MBOM

- Key Mapping functionality is available
- BRF Plus functionality is available

## MDG-M Integration Scope (Material BOM)

MDG-M is supported with Single Object Processing (SOP) only.

### Create Material BOM

- Maintain Header Data
- Maintain BOM Item Details
- Create Material from MBOM
- Maintain Item Category, Quantity and Specific Data

### Change Material BOM

- Change Header Data
- Change BOM Item Details
- Create Material from MBOM
- Maintain Item Category, Quantity and Specific Data.

## Out of Scope for MDG

### Equipment

- Cannot assign and create Measuring Points/Counters through Equipment Creation/Change
- Sub-Equipment install and dismantle is not supported
- Changing Characteristic Data of the configurable material is not supported
- In Create, Change and Copy Functionality- Internal note, Measuring Point and ETM data is not supported
- Class type-300 Variant Class assignment is not supported
- Maintenance of Characteristic values for Configurable material (Configuration profile) is not supported
- iPPE Focus and Parameter Effectivity are not supported
- UiE4N: Install/Dismantle Non-Serialized material is not supported
- Maintenance of Reference config and individual config indicator not supported
- Creating Mixed Multi Object Change Request is not supported from Geometry Explorer
- Mass Change for GEF is not supported
- ISDFPS - Origin of Site or Area for Functional Location and Architectural object (Type 'A' and 'F') not supported
- ISDFPS - Overview Technical status of Operational Equipment not supported
- ISDFPS - Usage Rate of Operational Equipment not supported
- ISDFPS - Impact on Technical/Operational status due to transactional data not supported
- In Address Management "Forms of address and name component is not supported"

### Functional Location

- Cannot assign and create Measuring Points/Counters through Functional Location Create/Change



- If Alternative Label is active, the internal system generated number during some of the actions including the File Download, Mass Change is displayed
- In Copy Functionality –Internal note, Measuring Point, Configuration and ETM data copy is not supported
- Creating Mixed Multi Object Change Request is not supported from Geometry Explorer
- Mass Change for GEF is not supported
- In Address Management “Forms of address and name component is not supported”

## Bill of Materials (MBOM, EQBOM, FLBOM and WBSBOM)

- Engineering Change Management for BOMs is not supported
- Variant BOM is not supported
- Group BOMs (e.g. BOM without a corresponding plant assignment) are not supported
- Sales Order BOM (CS61/62/63) is not supported
- Document BOM (CV11/12/13) is not supported
- DMS at BOM Item level is not supported

## Work Center

- Template Function functionality is not supported
- Hierarchy Function functionality is not supported
- HRMS functionality is not supported
- Capacity Tab
  - Intervals and Shifts, intervals function Button is not supported
  - Actual capacity requirements, Reference available capacity, Available capacity profile, Short Texts Function button are not supported
- Others
  - In Capacity, Scheduling and Costing Tabs: Display Formula, Test Formula, Formula Constants Function button are not supported
  - Rename Work Center functionality not supported
  - Basic Data, Default values and Technology tabs delete functionality is not supported
  - Grouping and Subsystems linking not supported
  - Change Short Texts for capacity not supported
  - Technology tab Process Assignment button and number of process field is not supported
- Renaming the Work Center is not supported

## Task List (Equipment, Functional Location, and General)

- Mass Change is not supported as only entity type 1 is changeable and there are no changeable values at that level
- Define Field Selection through Configuration is not supported
- Components ‘Catalog’ functionality is not supported
- Operation Relationships “Graphical format display” functionality is not supported
- Creation of Inspection Characteristic from the Task List User Interface is not supported
- Inspection Characteristics - the following functionalities are not supported
  - Long Text
  - Quantitative data
  - Catalog
  - Samples
  - Control Indicator

- Master Characteristic display
- Preset Indicator
- The following functionalities are not supported in Service package overview.
  - Limits
  - Service Outlines
  - Total values and pricing conditions
  - Service Selections
  - Service Catalogues
  - Line Type
  - Object dependencies and Assign object dependencies
- Navigation of “First Task list, Previous Task list, Next Task list and Last Task list” functionality is not supported
- Task list Hierarchy functionality not supported

## Maintenance Plan/Item

- Maintenance Plan “Service Procurement” and “Contract Item” functionality is not supported
- In Maintenance plan category – Service Procurement, Service Notification with Outline Agreement, Service Order with Outline Agreement and Stability Study are not supported
- In Maintenance Item – field “Sales Document” is not supported
- In Item overview tab the fields “Device data”, “Short Text” and “Physical Sample” are not supported
- In Maintenance Item – field “Settlement Rule – Create, Change and Display” functionality is not supported
- In Maintenance Item – “Last Call Objects Item” functionality is not supported
- In Maintenance Item – “Task list Create” functionality is not supported
- Setting list of Reference object is not supported, system will default display Functional Location, Equipment and Assembly
- Cost Estimate is not supported through Maintenance Plan
- System Status information of Maintenance Plan not supported
- Counter information is not available
- Scheduling and Scheduling overview is not supported through Maintenance Plan
- Define Field Selection through Configuration is not supported for Maintenance Plan and Operation Data

## Measuring Point

- Measuring Point Category Buildings (IBD) and Rental Unit (IME) functionalities are not supported
- Measurement Document Selection functionality is not supported
- Change Measuring Point Category is not supported through Change
- Data Origin and Data Origin List functionality is not supported
- Change Reference Measuring Point assignment functionality is not supported
- First Measuring Point, Previous Measuring Point, next Measuring Point and last measuring Point functionality is not supported
- Measurement Document History functionality is not supported
- Convert Unit of Measurement functionality is not supported
- Define Field Selection through Configuration is not supported

## Object Links

- Linking Transactional Data to Object Links is not supported
- List processing is not supported for following objects:
  - Notification List
  - Order List
  - Task List
  - Scheduling overview
  - Maintenance Item
  - Multilevel list
  - Notification
  - Order

## Object Networks

- Graphical view of Networks with Links is not supported
- Option to create Notification and Order is not supported
- Linking Transactional Data to Object Networks is not supported
- List processing is not supported for following objects:
  - Notification List
  - Order List
  - Task List
  - Scheduling overview
  - Maintenance Item
  - Multilevel list
    - Equipment/Functional Location
    - Notification
    - Order

## IS-U Industry Solution

### Connection Object

- Operational State overview is not supported
- Note Overview is not supported
- Text Editor is not supported
- Display Long text for Notes is not supported
- MDG does not support Connection object with alternate labelling ON  
(Initial ISU system, there should not be any FLOC entries in table-IFLOS)
- Field selection for Connection object and Address are not supported
- LAM is not supported
- AIW is not supported
- Communication methods PAG, PRT, RML, SSF, TLX, TTX, X40 are not supported
- Data Environment is not supported
- Forms of address and name component is not supported
- Notes for connection object is not supported
- Postal regional structure is not supported

## Device Location

- Note Overview is not supported
- Text Editor is not supported
- Display Long text for Notes is not supported
- MDG does not support Device Location with alternate labelling ON (Initial ISU system. There should not be any FLOC entries in table-IFLOS).
- Field selection for Device Location are not supported
- LAM is not supported
- AIW is not supported
- Premise Master data is not supported
- Data Environment is not supported
- Notes for Device location is not supported

## Device

- Device management: Division category like Gas, water, waste water, District heating and Waste management is not supported.
- Disconnection status is not supported.
- Display Device Changes is not supported
- Display Field Changes is not supported
- Display MR Results is not supported
- AMI Monitoring is not supported
- External events are not supported
- Time slice is not supported
- Periodic replacement data: Per. Repl. Year, Order and Notification fields are not supported
- Icons for Windings/Registers/Transformer ratio details not supported
- Change Inspection relationship icon is not supported
- Display Inspection results icon is not supported
- Other Business partners icon is not supported
- Parametrization field is not supported
- Meter reading entry field is not supported
- AMS, AMCG, AMCIG Message Attributes not supported
- Data Origin and Data Inheritance is not supported
- DMS is not supported
- Configuration Control is not supported
- Measuring Point is not supported
- Field selection for Device is not supported
- Field selection for Address is not supported
- Communication methods PAG, PRT, RML, SSF, TLX, TTX, X40 are not supported
- LAM is not supported
- AIW is not supported
- DMS is not supported
- Display of Sub Equipment tab is not supported
- GEF is not supported
- ISU-Master Data tab comprising of Business Partner Data and Connection Data is not supported
- View Selection icon is not supported
- Measuring Point is not supported
- Fleet Management is not supported

- Device activities: All fields related to installation and removal is not supported
- Forms of address and name component is not supported
- Internal note not supported for Device

## MDC (Equipment, Functional Location, Material BOM)

All functionalities which are out of scope or in restriction for EAM 9.2 are out of scope for MDC as well.

### Equipment and Functional Location

- LAM is not supported
- Data origin indicator is not supported
- Hierarchy Inheritance is not supported
- GDPR is not supported
- Best records selection rules for classification is not supported

### Equipment

- PRT is not supported for Equipment
- Material Serialization, DFPS are not supported
- Configuration Control-IPPE is not supported
- AIN data is not supported
- Stock Information is not supported
- Fleet Management is not supported

### Material BOM

- Except Material BOM, other BOM's like EQBOM, FLBOM, WBSBOM are not supported.
- Engineering Change Management for BOMs is not supported
- Variant BOM is not supported
- Group BOMs (e.g. BOM without a corresponding plant assignment) are not supported
- Sales Order BOM (CS61/62/63) is not supported
- Document BOM (CV11/12/13) is not supported
- DMS at BOM Item level is not supported

### Change scenario across EQ/FLOC/MBOM

- Documents update/change and long text are not supported
- Classification update/change is not supported
- Long text update/change is not supported
- Permit long text is not supported
- Changing Mandatory/Key field values is not supported.

### MDG-M Integration

- Does not support the following scenarios MOP, File Upload and DIF.
- No other EAM objects are support beyond MBOM.

## IAM Integration (Intelligent Asset Management)

- Is not supported directly with EAM. AIW is required to leverage this functionality.

## Scope in Detail for Fiori

SAP Fiori apps for EAM Master Data Governance (MDG) enable request scenarios for multiple master data domains, i.e., Functional Location, Equipment, Bill of Materials, Measuring Point, Maintenance Plan/Item, Work Center, Task List, Object Link, and Object Network. Business users can access these apps using the device of choice, such as a tablet or smart phone. These apps are easily accessible for a general user with limited knowledge of MDG by providing Lean requestor form for a user new to MDG.

## Equipment

### Create Equipment

With this transactional application, you can request a new Equipment for an organization or person.

- Creates a Change Request
- Class and Characteristics Assignment
- Address along with International Versions
- Active/Inactive
- Linear Asset Management Data
- Asset Intelligent Network
- PRT Data
- Configuration Control

### Change Equipment

With this transactional application, you can request for change Equipment for an organization or person.

- Creates a Change Request
- Class and Characteristics Assignment
- Address along with International Version
- Linear Asset Management Data
- Active/Inactive
- Set/Reset for mark for deletion
- Asset Intelligent Network
- PRT Data
- Configuration Control
- Change Maintenance Plant

## Functional Location

### Create Functional Location

With this transactional application, you can request a new Functional Location for an organization or person.

- Creates a Change Request
- Class and Characteristics Assignment
- Address along with International Version
- Linear Asset Management Data
- Active/Inactive
- Create Floc with Alternative Label System

## Change Functional Location

With this transactional application, you can request for change Functional Location for an organization or person.

- Creates a Change Request
- Class and Characteristics Assignment
- Address along with International Version
- Linear Asset Management Data
- Active/Inactive
- Set/Reset for mark for deletion
- Change Maintenance Plant
- Change Floc with Alternative Label System

## Bill of Materials (MBOM, EQBOM, FLBOM and WBSBOM)

### Create Bill of Materials

With this transactional application, you can request a new BOM for an organization or person.

- Creates a Change Request
- Supports 4 types of BOMs: Material, Equipment, Functional Location and WBS
- Supports only BOM Item Categories are “L, I and N with component”.
- Supports BOM Component Sub-Items
- Supports Alternative BOMs for MBOM

### Change Bill of Materials

With this transactional application, you can request for change Material BOM for an organization or person.

- Creates a Change Request
- Supports 4 types of BOMs: Material, Equipment, Functional Location and WBS
- Supports only BOM Item Categories are “L, I and N with component”.
- Supports BOM Component Sub-Items
- Supports Alternative BOMs for MBOM
- Set/Reset for mark for deletion

## Measuring Point

### Create Measuring Point

With this transactional application, you can request a new Measuring Point for an organization or person.

- Creates a Change Request
- Class and Characteristics Assignment
- Supports Linear Asset Management Data
- Active/Inactive

## Change Measuring Point

With this transactional application, you can request for change Measuring Point for an organization or person.

- Creates a Change Request
- Class and Characteristics Assignment
- Supports Linear Asset Management Data
- Active/Inactive

## Maintenance Plan/Item

### Create Maintenance Plan/Item

With this transactional application, you can request a new Maintenance Plan/Item for an organization or person.

- Creates a Change Request
- Creates multiple Maintenance Items and assign Task list
- Supports Linear Asset Management Data
- Active/Inactive

### Change Maintenance Plan/Item

With this transactional application, you can request for change Maintenance Plan/Item for an organization or person.

- Creates a Change Request
- Change Maintenance Plan and cycle data
- Change Maintenance Items data and assign Task list
- Supports Linear Asset Management Data
- Active/Inactive
- Set/Reset for mark for deletion

## Task List

### Create Task List

With this transactional application, you can request a new Task List for an organization or person.

- Creates a Change Request
- Supports all 3 types of Task list: General, Equipment and Functional Location Task List
- Supports General, Equipment and Functional Location Task List Header in one application
- Class and Characteristics Assignment



## Change Task List

With this transactional application, you can request for change Task List for an organization or person.

- Creates a Change Request
- Supports all 3 types of Task list: General, Equipment and Functional Location Task List
- Supports General, Equipment and Functional Location Task List Header in one application
- Class and Characteristics Assignment
- Set/Reset for mark for deletion

## Work Center

### Create Work Center

With this transactional application, you can request a new Work Center for an organization or person.

- Creates a Change Request
- Create work center with different category
- Class and Characteristics Assignment

### Change Work Center

With this transactional application, you can request for change Work Center for an organization or person

- Creates a Change Request
- Class and Characteristics Assignment
- Set/Reset for mark for deletion

## Object Links

### Create Object Links

Create Object Links for entering Basic Data, Objects Linked and Link Details

- Class and Characteristics Assignment

### Change Object Links

Change Object Links for changing Basic Data, Objects Linked and Link Details

- Class and Characteristics Assignment
- Set/Reset for mark for deletion

## Object Networks

### Create Object Networks

- Create Object Networks with Linear Reference Pattern details
- New Object Links
- Assign Existing Object Links to Network

- Delink Object Links
- Linear Asset Management Data Supported

## Change Object Networks

- Change Object Networks with Linear Reference Pattern details
- Change Object Links
- Assign Existing Object Links to Network
- Mark and Unmark for Deletion
- Linear Asset Management Data Supported.

## MDG-M Integration for Material BOM

- Create Material BOM (SOP Only)
- Change Material BOM (SOP Only)

## Approve EAM Master Data Request

With the transactional application, you can approve MDG master data Change Requests for a new or changed master data. Once a request is submitted by requestor, it should be approved by senior steward to create/change the master data in MDG. This app enables an approver to see the details of requested master data and approve/reject it accordingly. You can use this app for Functional Location, Equipment, Bill of Materials, Measuring Point, Maintenance Plan, Work Center, Task List, Object Links, and Networks.

- Approve or Reject MDG EAM Master Data
- Display only fields which have data entered by the requestor
- Display only the changed data to approver for approval of Master Data
- Display all requests of step type 2 (Approve) to approver in the SAP Inbox
- Display only relevant data based on Backend Roles assigned
- Download attachments that was uploaded by the Requestor.

## Out of Scope for Fiori

- By default, the Reason for Request field does not get filled in the Change Request
- Duplicate Search is not supported
- The list mentioned in the Out of Scope for MDG section of this document is valid for all the Fiori Apps

## Equipment

### Create Equipment

- Does not support Sub Equipment and Measuring Point display
- Does not support the following views in EAM Fiori Approval Apps.
  - GEF
  - Fleet
  - iPPE
  - DPFS

## Change Equipment

- Install Equipment under a Superordinate Equipment is not possible
- Does not support Sub Equipment and Measuring Point display
- Does not support the following views in EAM Fiori Approval Apps.
  - GEF
  - Fleet
  - iPPE
  - DPFS

## Functional Location

### Create Functional Location

- Does not support the following views in EAM Fiori Approval Apps.
  - GEF

### Change Functional Location

- Does not support the following views in EAM Fiori Approval Apps.
  - GEF

## Bill of Materials (MBOM, EQBOM, FLBOM and WBSBOM)

### Create Bill of Materials

- Supports “Item category” limited to “L, I and N with Component”.

### Change Bill of Materials

- Supports “Item category” limited to “L, I and N with Component”.

### Create Maintenance Plan

- Does not support item location
- Does not support assigning existing Maintenance Item

### Change Maintenance Plan

- Does not support item location
- Does not support assigning existing Maintenance Item

## Task List

### Create Task List

- Does not support Task List Operation Overview
- Operation Control key “External Processing and Service” related functionality does not support through Fiori
- Component assignment from BOM hierarchy is not supported through Fiori

## Change Task List

- Does not support Task List Operation Overview
- Operation Control key “External Processing and Service” related functionality does not support through Fiori
- Component assignment from BOM hierarchy is not supported through Fiori

## Work Center

### Create Work Center

- "Define Field selection" customizing by Work Center category is not considered or supported through FIORI

### Change Work Center

- "Define Field selection" customizing by Work Center category is not considered or supported through FIORI

## Object Links

### Create Object Links

- Linking Transactional Data to Object Links is not supported

### Change Object Links

- Linking Transactional Data to Object Links is not supported

## Object Networks

### Create Object Networks

- Linking Transactional Data to Object Networks is not supported

### Change Object Networks

- Linking Transactional Data to Object Networks is not supported

## Approve EAM Master Data Request

- Does not support Document Management System (DMS).