



High Level Scope Document for Utopia RFM Solutions S/4HANA for MDG™

Release 9.0 SP01 for S/4HANA 1610 SP01

Document History

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

Table 1 Document Change History

Version	Date	Description	Name
1.0	06/03/2017	Initial Version	Govindraj Kulkarni
1.0	13/03/2017	Updated/Reviewed	Srinivasa Vadakattu
1.0	25/03/2017	Reviewed	Kumar Saurav

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Introduction

Purpose

This Scope Guide contains the functionalities that are covered as part of Master Data Governance (MDG) solution for Retail & Fashion Articles. This document also contains the functionality that are considered as out of scope

Target Audience

The primary audience comprises:

- System Administrators
- Functional Consultants
- Technical Consultants
- Other users

Scope Overview

The MDG-RFM 9.0 S/4HANA content is developed using MDG 9.0 S/4HANA. On MDG 801 SP01, the content will continue to use the new User Interface (UI) Framework.

Retail

Following are the Retail / MDG topics covered as part of scope. Not all the fields / button (additional functionalities) compared to MM41 / MM42 are covered as part of the scope.

- Single article
- Generic article / variants
- Set/prepack/display/Group article
- Full Products / Empties
- Basic data view
- Additional data
 - Textile Components
 - Seasons Article Assignment
 - Additional EAN/Vendor GTIN
 - Additional tab
 - Short description
 - Document data(DMS)
- Basic data Fashion
 - Fashion attribute
 - Material conversion ID
- Purchasing view (info record)
 - Vendor characteristic
 - Purchase Order text
 - Info record Note
- Listing view
 - Enhanced listing
 - Support data maintenance for sales Org / Dist Channel validity area
- Logistic DC view
 - Logistic DC RP/Forecast view
 - Logistic DC Other logistic data view
 - Logistic Warehouse
 - Logistic DC Accounting view
 - The possibility to maintain valuation category and valuation type in single CR
- Logistic store view

- Logistic DC/Store RP/Forecast view
- Logistic DC Other logistic data view
- Logistic DC Accounting view
 - The possibility to maintain valuation category and valuation type in single CR
- Sales view
 - “Other sales data” views fields
 - Sales Status/Segmentation
- POS view
- Merchandise Category / classification system / characteristics (support of old and new characteristic storage)
- IBASE classification (Class type 300 & 301)
- Enhanced Reference handling (merchandise category reference handling + Reference site + Reference store Vendor specific Reference handling) – (See Reference Handling document)
- Bill of Material
- Support of article type additional
- Support for article category “group article”
- Successor/Substitute Article
- Article attachment
- Enhanced data model
- Assigning an article to Article Hierarchies at Client level or at Distribution Chain (Sales Org + Distribution Channel) level
- In POWL, approve, reject and edit functionality
- Enhanced copy functionality
- Business friendly UI with granular task based authorization
- Highlighting the mandatory field with Orange colored border.
- The possibility to maintain the Basic data, Purchase, Sales & Inspection long text
- The possibility to maintain PIR text and note
- The possibility to maintain Care Code
- Support for additional languages (German, Spanish, French and Italian)
- UOM
 - We can maintain Variant UOM / GTIN through Generic article in the same change request

MDG Functionalities

- Create Articles
- Change Articles
- Search in MDG Staging and search in active area
- Mass Import via ARTMAS (+ INFREC IDoc (Basic Data + Purchase Info Records)
- Mass Change (Basic Data), limited number of fields
- Copy with Reference
- Image URL Governance
- Security / Authorization
- Mandatory error message on the top and link to take you to the fields
- Dynamic Title
- Hana based search & duplicate check
- Displays the previous value on hovering over the field.
- Context based adaptation
- Field control / other background UI logic / customizing
- Out of Box MDG Functionality
 - MDG standard workflow capabilities using Rule engine and standard ABAP workflow
 - MDG standard analytics capabilities
 - Standard change document and auditing capabilities
 - Support by MDG-RFM 9.0 S/4HANA application to allow extension of fields / entities by the customer
 - Support by MDG-RFM 9.0 S/4HANA application, to allow addition of customer specific rules/defaults on top of existing ECC validations, using BRF+

- Support by MDG-RFM 9.0 S/4HANA application to allow customization of UI
- Support by MDG-RFM 9.0 S/4HANA application to allow user personalization of UI
- Support by MDG-RFM 9.0 S/4HANA application to provide inbox capabilities and support standard inbox features like work list, substitutions
- Additional enhancements to MDG Workflow inbox including filter for Article Work Items, Side Panel and Article specific data column enhancements
- Additional enhancements to MDG Workflow inbox with Mass Approve and Reject
- Additional enhancements to MDG Workflow inbox with Edit capabilities within the Inbox page.
- Additional Side Panel chips comparing Active & In Active Data for Change Process

Retail scope in detail for MDG-RFM 9.0 S/4HANA

MDG-RFM 9.0 S/4HANA supports create and change of articles. Deleting Articles is out of scope for MDG-RFM 9.0 S/4HANA Solution. Limited number of fields are included in MDG-RFM 9.0 S/4HANA as compared to MM4x screens. The details can be found at the bottom of document [AR MDG Data Model Ph4 v1.2.pdf](#) in the section Data Model – MDG-RFM 9.0 S/4HANA of Appendix of this document.

Based on Article Type

Single articles (Article category '00')

- Creation of single articles
 - The assignment of a merchandise category
 - Maintaining the values of informative & free characteristics if needed
 - The possibility to maintain basic data fields
 - The possibility to maintain additional data (Tab)
 - The possibility to maintain short text in different languages
 - The possibility to maintain different units of measurement / GTINs / dimensions
 - The possibility to maintain additional GTINs
 - The possibility to maintain document data
 - The possibility to maintain season data
 - The possibility to maintain additional article and related fields
 - The possibility to maintain textile components
 - The possibility to maintain tax data
 - The possibility to maintain Basic data fashion
 - Fashion attributes
 - The possibility to do the listing of an article
 - The possibility to maintain listing data for sales area validity
 - The possibility to maintain purchasing info record
 - The possibility to maintain vendor characteristic
 - The possibility to maintain sales data fields
 - The possibility to maintain the other sales data fields
 - The possibility to maintain logistic DC data fields
 - The possibility to maintain log DC view relevant fields
 - The possibility to maintain logistic store data fields
 - The possibility to maintain reference site data for sales area
 - The possibility to maintain RP/Forecast data fields in logistic DC/store
 - The possibility to maintain other logistic data fields in logistic DC/store
 - The possibility to maintain accounting data fields in logistic DC/store
 - The possibility to maintain POS data fields
 - The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
 - The possibility to maintain Components with Retail functionality
 - The possibility to maintain the Basic data, purchase, sales & Inspection long text
- Changing existing single articles
 - Changing the values of informative & free characteristics if needed

- The possibility to maintain / change basic data fields
- The possibility to maintain additional data
 - The possibility to maintain/change short text in different languages
 - The possibility to maintain / change different units of measurement / GTINs dimensions
 - The possibility to maintain/change additional GTINs
 - The possibility to maintain/change document data
 - The possibility to maintain/change season Data
 - The possibility to maintain/change additional article and related fields
 - The possibility to maintain/change textile components
- The possibility to maintain / change tax data
- The possibility to do / change the listing of an article
 - The possibility to maintain/change listing data for sales area validity
- The possibility to maintain / change purchasing info record
 - The possibility to maintain/change vendor characteristic
- The possibility to maintain / change sales data fields
 - The possibility to maintain / change the other sales data fields
- The possibility to maintain / change logistic DC data fields
 - The possibility to maintain/change log DC view relevant fields
- The possibility to maintain / change logistic store data fields
 - The possibility to maintain/change reference site data for sales area
- The possibility to maintain / change RP/Forecast data fields in logistic DC/store
- The possibility to maintain / change other logistic data fields in logistic DC/store
- The possibility to maintain / change accounting data field in logistic DC/store
- The possibility to maintain / change POS data fields
- The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
- The possibility to maintain Components with Retail functionality
- The possibility to maintain / change the Basic data, purchase, sales, inspection long text

Generic article (Article category '01') / Variants (Article category '02')

- Creation of generic articles with or without the associated variants
 - The assignment of a merchandise category
 - The assignment and maintenance of variant creating characteristics (not only creating variant with two dimension but also supporting multi dimension characteristic)
 - Assign the Characters to Class, which are created under class type 300 &301
 - Maintaining the values of informative & free characteristics if needed
 - The possibility to maintain basic data fields
 - The possibility to maintain additional data
 - The possibility to maintain short text in different languages
 - The possibility to maintain different units of measurement / GTINs / dimensions
 - The possibility to maintain additional GTINs
 - The possibility to maintain document data
 - The possibility to maintain season usage
 - The possibility to maintain additional article and related fields
 - The possibility to maintain textile components
 - The possibility to maintain tax data
 - The possibility to maintain Basic data fashion
 - Fashion attributes
 - Material Conversion ID
 - The possibility to do the listing of an article
 - The possibility to maintain listing data for sales area validity
 - The possibility to maintain purchasing info record
 - The possibility to maintain vendor characteristic
 - The possibility to maintain sales data fields
 - The possibility to maintain the other sales data fields
 - The possibility to maintain logistic DC data fields

- The possibility to maintain log DC view relevant fields
- The possibility to maintain logistic store data fields
 - The possibility to maintain reference site data for sales area
- The possibility to maintain RP/Forecast data fields in logistic DC/store
- The possibility to maintain other logistic data fields in logistic DC/store
- The possibility to maintain accounting data fields in logistic DC/store
- The possibility to maintain POS data fields
- The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
- The possibility to maintain Components with Retail functionality
- The possibility to maintain the Basic data, purchase, sales & Inspection long text
- Changing existing articles / changing of variants
 - Changing the values of informative characteristics if needed
 - The possibility to add characteristic value and add new variant
 - Changing the values of informative & free characteristics if needed
 - The possibility to maintain / change basic data fields
 - The possibility to maintain/change season Data
 - The possibility to maintain additional data
 - The possibility to maintain/change short text in different languages
 - The possibility to maintain / change different units of measurement / GTINs dimensions
 - The possibility to maintain/change additional GTINs
 - The possibility to maintain/change document data
 - The possibility to maintain/change season data
 - The possibility to maintain/change additional article and related fields
 - The possibility to maintain/change textile components
 - The possibility to maintain / change Tax data
 - The possibility to do / change the listing of an article
 - The possibility to maintain/change listing data for sales area validity
 - The possibility to maintain / change purchasing info record
 - The possibility to maintain/change vendor characteristic
 - The possibility to maintain / change sales data fields
 - The possibility to maintain / change the other sales data fields
 - The possibility to maintain / change logistic DC data fields
 - The possibility to maintain/change log DC view relevant fields
 - The possibility to maintain / change logistic store data fields
 - The possibility to maintain/change reference site data for sales area
 - The possibility to maintain / change RP/Forecast data fields in logistic DC/store
 - The possibility to maintain / change other logistic data fields in logistic DC/store
 - The possibility to maintain / change accounting data field in logistic DC/store
 - The possibility to maintain / change POS data fields
 - The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
 - The possibility to maintain Components with Retail functionality
 - The possibility to maintain / change the Basic data, purchase, sales, inspection long text

Set (article category '10') / Prepack (article category '11') / Display (article category '12')

- Creation of sets, prepacks and displays
 - The assignment of a merchandise category
 - Maintaining the values of informative & free characteristics if needed
 - The possibility to maintain basic data fields
 - The possibility to create / assign a bill of material (with the known restrictions in IS-Retail/RFM 9.0 S/4HANA)
 - The possibility to maintain additional data
 - The possibility to maintain short text in different languages
 - The possibility to maintain different units of measurement / GTINs / dimensions
 - The possibility to maintain additional GTINs

- The possibility to maintain document data
 - The possibility to maintain season data
 - The possibility to maintain additional article and related fields
 - The possibility to maintain textile components
 - The possibility to maintain tax data
 - The possibility to maintain Basic data fashion
 - Fashion attributes
 - The possibility to do the listing of an article
 - The possibility to maintain listing data for sales area validity
 - The possibility to maintain purchasing info record
 - the possibility to maintain vendor characteristic
 - The possibility to maintain sales data fields
 - The possibility to maintain the other sales data fields
 - The possibility to maintain logistic DC data fields
 - The possibility to maintain log DC view relevant fields
 - The possibility to maintain logistic store data fields
 - The possibility to maintain reference site data for sales area
 - The possibility to maintain RP/Forecast data fields in logistic DC/store
 - The possibility to maintain other logistic data fields in logistic DC/store
 - The possibility to maintain accounting data fields in logistic DC/store
 - The possibility to maintain POS data fields
 - The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
 - The possibility to maintain Components with Retail functionality
 - The possibility to maintain the Basic data, purchase, sales & Inspection long text
- Changing existing sets, prepacks and displays
 - Changing the values of informative & free characteristics if needed
 - The possibility to maintain / change basic data fields
 - The possibility to maintain/change season Data
 - The possibility to create / assign / change a bill of material (with the known restrictions in IS-Retail/RFM 9.0 S/4HANA)
 - The possibility to maintain additional data
 - The possibility to maintain/change short text in different languages
 - The possibility to maintain / change different units of measurement / GTINs dimensions
 - The possibility to maintain/change additional GTINs
 - The possibility to maintain/change document data
 - The possibility to maintain/change season data
 - The possibility to maintain/change additional article and related fields
 - The possibility to maintain/change textile components
 - The possibility to maintain / change tax data
 - The possibility to do / change the listing of an article
 - The possibility to maintain/change listing data for sales area validity
 - The possibility to maintain / change purchasing info record
 - The possibility to maintain/change vendor characteristic
 - The possibility to maintain / change sales data fields
 - The possibility to maintain / change the other sales data fields
 - The possibility to maintain / change logistic DC data fields
 - The possibility to maintain/change log DC view relevant fields
 - The possibility to maintain / change logistic store data fields
 - The possibility to maintain/change reference site data for sales area
 - The possibility to maintain / change RP/Forecast data fields in logistic DC/store
 - The possibility to maintain / change other logistic data fields in logistic DC/store
 - The possibility to maintain / change accounting data field in logistic DC/store
 - The possibility to maintain / change POS data fields
 - The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
 - The possibility to maintain Components with Retail functionality
 - The possibility to maintain / change the Basic data, purchase, sales, inspection long text

Full Products / Empties

- Creation of full products and empties articles
 - The assignment of a merchandise category
 - Maintaining the values of informative & free characteristics if needed
 - The possibility to maintain basic data fields
 - The possibility to assign an empties article to a full product (with the known restrictions in RFM 9.0 S/4HANA)
 - The possibility to maintain additional data
 - The possibility to maintain short text in different languages
 - The possibility to maintain different units of measurement / GTINs / dimensions
 - The possibility to maintain additional GTINs
 - The possibility to maintain document data
 - The possibility to maintain season data
 - The possibility to maintain additional article and related fields
 - The possibility to maintain textile components
 - The possibility to maintain tax data
 - The possibility to maintain Basic data fashion
 - Fashion attributes
 - The possibility to do the listing of an article
 - The possibility to maintain listing data for sales area validity
 - The possibility to maintain purchasing info record
 - The possibility to maintain vendor characteristic
 - The possibility to maintain sales data fields
 - The possibility to maintain the other sales data fields
 - The possibility to maintain logistic DC data fields
 - The possibility to maintain log DC view relevant fields
 - The possibility to maintain logistic store data fields
 - The possibility to maintain reference site data for sales area
 - The possibility to maintain RP/Forecast data fields in logistic DC/store
 - The possibility to maintain other logistic data fields in logistic DC/store
 - The possibility to maintain accounting data fields in logistic DC/store
 - The possibility to maintain POS data fields
 - The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
 - The possibility to maintain Components with Retail functionality
 - The possibility to maintain the Basic data, purchase, sales & Inspection long text
- Changing existing full products and empties articles
 - Changing the values of informative & free characteristics if needed
 - The possibility to maintain / change basic data fields
 - The possibility to maintain/change season Data
 - The possibility to create / assign / change a bill of material (with the known restrictions in RFM 9.0 S/4HANA)
 - The possibility to maintain additional data
 - The possibility to maintain/change short text in different languages
 - The possibility to maintain / change different units of measurement / GTINs dimensions
 - The possibility to maintain/change additional GTINs
 - The possibility to maintain/change document data
 - The possibility to maintain/change season data
 - The possibility to maintain/change additional article and related fields
 - The possibility to maintain/change textile components
 - The possibility to maintain / change tax data
 - The possibility to do / change the listing of an article
 - The possibility to maintain/change listing data for sales area validity
 - The possibility to maintain / change purchasing info record
 - The possibility to maintain/change vendor characteristic

- the possibility to maintain / change sales data fields
 - The possibility to maintain / change the other sales data fields
- The possibility to maintain / change logistic DC data fields
 - The possibility to maintain/change log DC view relevant fields
- The possibility to maintain / change logistic store data fields
 - The possibility to maintain/change reference site data for sales area
- The possibility to maintain / change RP/Forecast data fields in logistic DC/store
- The possibility to maintain / change other logistic data fields in logistic DC/store
- The possibility to maintain / change accounting data field in logistic DC/store
- The possibility to maintain / change POS data fields
- The possibility to maintain Article Hierarchy at Client / Sales Org and DCH
- The possibility to maintain Components with Retail functionality
- The possibility to maintain / change the Basic data, purchase, sales, inspection long text

Based on View

Basic data view

Most of the fields from the Basic data view within the article master are included. This means that fields of the following tables are part of MDG-RFM 9.0 S/4HANA

- General Material Data (MARA)
- Article Master: Default Fields and Special Retail Fields (MAW1)
- Article Descriptions (MAKT)
- Units of Measure for Article (MARM) with Numerator and Denominator conversion
- Global Trade Item Numbers (GTINs) for Article (MEAN) (additional GTIN per unit of measurement)
- The possibility to generate Internal GTINs and only throwing error for check digit validation for external GTINs.
- Tax Classification for Article (MLAN)
- Also the assignment of variant creating characteristics during generic article creation and the maintenance / change of informative characteristics for single article.
- Textile Components(WRF_TEXTILE_FIBR)
- Seasons Article Assignment (FSH_SEASONS_MAT)

Purchasing info record

- Creation of purchasing info records (with most of the fields)
 - For existing combinations of vendors and purchasing organizations (Vendor master record purchasing organization data in table LFM1)
 - Also on site level for existing sites
 - The possibility to maintain / create fields in Purchasing Info Record: General Data (table EINA)
 - The possibility to maintain / create fields in Purchasing Info Record: Purchasing Organization Data (table EINE)
 - The possibility to create a net price (condition type PB00)
 - The possibility to maintain vendor characteristic
- Changing of existing purchasing info records (limited number of fields)
 - The possibility to maintain / change fields in Purchasing Info Record: General Data (table EINA)
 - The possibility to maintain / change fields in Purchasing Info Record: Purchasing Organization Data (table EINE)

Listing view

- Creation of new listing conditions for different assortments
- Maintenance of listing data for Distribution Chain (Sales Org + Distribution Channel)
- Possibility to execute listing based on assortment type
- Automatic creation of subsequent segments for articles during the listing process according to the known Retail functionality (logistic data, sales data, POS data) using reference handling

Logistics DC view

- Reference DC
 - The possibility to maintain / create / change most of the fields in the logistic DC view with RP/Forecast, other logistic data, accounting, Warehouse Management for the reference DC.
- Productive DCs
 - The possibility to maintain / create / change a limited number of fields in the logistic DC view with RP/Forecast, other logistic data, accounting, Warehouse Management for the productive DCs

Logistics store view

- Reference store
 - The possibility to maintain / create / change most of the fields in the logistic store view with RP/Forecast, other logistic data and accounting data for the Reference store
 - Only client based reference store supported
- Productive stores
 - The possibility to maintain / create / change a limited number of fields in the logistic DC view with RP/Forecast, other logistic data and accounting data for the productive stores

Sales view

- Sales data for different distribution chains
 - The possibility to maintain / create / change a limited number of fields in the sales view for different distribution chains

POS view

- On distribution chain level
 - The possibility to maintain / create / change fields in the POS view for different distribution chains
- On Distribution chain / site level
 - The possibility to maintain / create / change fields in the POS view on distribution chain / site level
- Till receipt Text
 - The possibility to maintain / create / change the Till Receipt Text for different units of measurement and in different language

Other Functionalities

Merchandise Category / Classification system / Characteristics

- Adaption of the MDG data model for articles regarding the merchandise categories.
- The data model is enhanced to also use variant building and informative characteristics during the article creation and maintenance process which means that there will be a connection to the classification system due to this.
- In split valuation, assignment of valuation category and valuation type can be possible in single CR unlike SAP standard where Valuation Type can be added in change mode.
- Variant Class Type and Variant Class are defined at the beginning of Creating the Generic Article based on which the screen are derived
- Provide more flexibility in the bundling of variant-creating characteristics independent from the merchandise category hierarchy
- Existing configuration classes can be reused by any generic article as long as the assigned characteristics are fitting
- User guidance during master data creation for generic articles is not so strict as before (no predefined set of allowed configuration classes per merchandise category which was the case for characteristics profiles)
- SAP S/4HANA supports material number with up to 40 characters. Therefore, the maximum length of the fields that handle the material number has been extended from 18 to 40 characters

Reference handling

- MDG-RFM 9.0 S/4HANA reference handling logic is kept similar to the backend retail reference logic as much as possible, but there could be places where it does not match with the retail reference handling logic one to one or parts of the reference handling logic are not implemented in MDG-RFM 9.0 S/4HANA
- Reference Handling for MC reference article are valid for following views
 - Basic Data (Except for GTIN values and GTIN categories)
 - Basic Data Fashion
 - Purchase Info Record
 - Logistics DC
 - Logistics Store
 - Sales
 - PoS
- Reference handling for ref DC/Store
- Reference handling for Generic and variant article
- Reference site for sales org and distribution channel for logistic store is supported
- More details are available in document MDG Solution For Article Master – Reference Handling.pdf. This is attached in the Reference Handling section in the Appendix of this document

Bill of material (BOM)

- For the creation of sets, prepacks and displays also the creation of bill of materials will be provided (with the known restrictions / limitations regarding BOMs and Retail systems, e.g. no complex BOMs, no multiple-structured BOMs, no configurable BOMs)
- Changes in assigned BOMs will be possible (with the known restrictions / limitations regarding changes of BOMs in a retail system for example changes are not allowed if a designated set / prepack / display is already used in a retail process or in any document like a purchase order or a sales order).

Article hierarchy

- Creation/change of article hierarchy assignments at client level
- Creation/change of article hierarchy assignment at Distribution Chain level

Mass Operations

➤ Article Import

- Supports BD10 ARTMAS IDoc xmls for Article Data (limited number of views/fields)
- One Article in one xml file for all types of operations mentioned below
- DIF/DRF For Additionals
- DIF/DRF for Substitution
- DIF/DRF for Vendor Chars
- DIF/DRF for BOMMAT
- DIF/DRF for Article Hierarchy
- DIF/DRF for PIR including PO text, Info record texts
- DIF/DRF for ARTMAS
- Supports Article Hierarchy (Object Type) For Message Type /UGI4/ARTHIER_ASST
- Supports BOMMAT (Object Type) For Message Type BOMMAT
- External Numbering Support
- Types of Mass Operations:
 - Mass Import Active Area – Limited to Basic Data, UoM, Tax, Characteristics, Descriptions, Variants, Sales, Store, DC, Valuation, Forecast, POS, GTIN only
 - Mass Import Active Area with Errors in Staging Area - Supported as Single Change Request per Articles limited to Basic Data Import, UoM, Tax, Characteristics, Descriptions, Variants, Sales, Store, DC, Valuation, Forecast, POS, GTIN only
 - Mass Import Staging Area – Supported as Single Change Request per Articles limited to Basic Data Import, UoM, Tax, Characteristics, Descriptions, Variants, Sales, Store, DC, Valuation, Forecast, POS, GTIN only
- Purchase Info Import
 - Supports INFREC IDoc xmls for Purchasing Data (limited number of fields)
 - Types of Mass Operations:
 - Mass Import Active Area – Article has to exist in active area limited to General Data (E1EINAM), Purchasing Organization Data (E1EINEM)
 - Mass Import Active Area with Errors in Staging Area – Article has to exist in Active Area, limited to General Data (E1EINAM), Purchasing Organization Data (E1EINEM)
 - Mass Import Staging Area – Article has to already exist in active area limited to General Data (E1EINAM), Purchasing Organization Data (E1EINEM)
- Mass Change Request Creation
 - Creation of Change Request using API
 - Valid for Article Create
 - Valid for Article Change
 - Supports the following view
 - Basic Data
 - Purchase Info Record
 - Listing
 - Logistics DC (Including Forecasting and Accounting views)
 - Logistics Store (Including Forecasting and Accounting views)
 - POS
 - Sales

Search

- Search using Hana
- Search Based on Fields of Basic Data on Staging and MARA tables.

Image Handling

- Governance of Image URLs

Copy Functionality

- For each vendor, new validity area of Purchase Org/Site can be added by copying the existing validity area in purchasing view
- New validity area of sales org/distribution channel can be added by copying existing validity in Sales tab
- New validity area of productive DC can be added by copying existing validity area in logistic DC view
- New validity area of production site can be added by copying existing validity area in logistic Store view
- New validity area can be added for sales org/dist channel/site can be added by copying existing validity area in POS view
- New warehouse validity can be added by copying existing warehouse in warehouse management view
- New storage type validity can be added for warehouse by copying existing storage type in warehouse management view

Tree search using F4

- Tree search is given for below object
 - Merchandise Category
 - Product Hierarchy

Copy Article

- Basic Data fields
 - Listing
 - UoM (without copying of GTIN and GTIN category)
 - Tax data
 - Purchase
 - Sales
 - Logistic DC
 - Logistic Store
 - POS
- If listing is maintained at global level (without validity), in Sales view, dates is derived from listing, but if user changes the dates in Sales/POS, the changed dates will be displayed in MVKE/WLK2 in MDG.
 - If listing is maintained, and user change the date in Sales/POS, and go back to Listing and change the date again. The changed dates in listing will appear in MVKE/WLK2. Which is against the general behavior of reference and deviation handling in MM4X.

Fiori Scope for MDG 9.0 S/4HANA

Create/Change Article

- Creates a CR with basic/mandatory fields for Single & Generic Article only with season usage and seasons and fashion attributes for FMS.
- Fields supported in UOM Tab are AUoM, LUn, BUn, Order Unit, Delivery/Issue Unit, Sales Unit, Weight Unit, X, Y.
- Option to Upload Attachments
- S/4 Supports With the introduction of SAP Fiori 2.0, a new visual theme called “Belize” is introduced as the successor to the Blue Crystal theme. Belize comes in two versions:
 - Belize, with a lighter color set
 - Belize Plus, with dark contrasts
 - The belize theme is implemented by various UI technologies, UI clients and UI tools

Approve RFM/FMS Master Data

- Display only fields which supports Single & Generic Article.
- Option to Download Attachments
- Displays the following data sections:
 - Descriptions
 - UOM
 - Tax
 - Net Price
 - Sales Price
 - Purchasing
 - Sales
 - Article Status
 - BBD
 - Segmentation
 - Seasons
 - Assignment Article Hierarchy
 - Brand Code
 - Characteristics
 - Variants
 - Components
 - Listing
 - Fashion Attributes

Out of scope for MDG-RFM 9.0 S/4HANA:

All the topics / functionalities mentioned in Scope for MDG-RFM 9.0 S/4HANA are covered as part of solution, functionality / topics not mentioned in scope section as out of scope of MDG-RFM 9.0 S/4HANA.

Some of the topics that are Out of Scope for MDG RFM 9.0 S/4HANA are also mentioned below:

- Archiving / article deletion
 - MDG-RFM 9.0 S/4HANA will not support any archiving or deletion process for articles. The archiving / deletion to be started and done in the subsequent systems.
- Pricing / calculation
 - MDG-RFM 9.0 S/4HANA will not support any kind of pricing or calculation processes neither from a purchasing perspective nor a sales perspective. The calculation should be done in the subsequent systems.

- The maintenance of Sales conditions
 - The maintenance of sales conditions will not be supported with MDG-RFM 9.0 S/4HANA
- Creation / Changing of Generic Article and changing of Variant as single change request is not supported in MDG-RFM 9.0 S/4HANA, except UOM and GTIN
- The creation of new merchandise categories / new characteristic profiles / new characteristics / new characteristic values will not be part of MDG-RFM 9.0 S/4HANA
- Creation of new article hierarchy/ change in existing article hierarchy / reclassification of article hierarchy will not be part of MDG-RFM 9.0 S/4HANA
- Source list functionality in purchasing will not be supported
- Mark for deletion of already created PIR will not be supported
- Creation of article through GS1 integration
- Storage location MRP relevant data is not supported
- Standard cost estimate is not supported in product costing view for article type additional
- External customer MRP parameter is not supported in logistic store
- Logistic DC 2 view fields in ECC are available in Other logistic data tab in MDG, and no separate tab for Log DC 2 is available in MDG.
- Article dependent vendor characteristic values for generic article is not supported
- Logistic Unit of Measure for Variant creating characteristic is not supported
- Maintenance of variant price in generic article is not supported.
- Segmentation for Retail is not Supported
- The Functionality of Distribution Curve in article master is not supported.
- Reclassification
 - The reclassification of articles, merchandise profiles, merchandise categories, merchandise hierarchy levels and characteristics will not be supported by MDG-RFM 9.0 S/4HANA
- Validity area
 - Validity area for vendor subrange in purchasing will not be supported
 - Validity area for sales unit, price list & site group in sales view will not be supported
 - Validity area for storage location in RP/Forecast data: DC view will not be supported
 - Validity area for variant article will not supported for below view
 - Listing
 - Purchasing
 - Sales
 - Logistic DC
 - Logistic Store
 - POS
- Additional fields
 - Additional GTINs
 - The possibility to determine the check digit for EAN automatically
 - Requirement Group
 - The possibility to maintain the fields related to requirements
 - Layout Module
 - The possibility to maintain the fields related to layout module
- Mass Operations
 - Multiple Articles in One Change Request
 - Multiple Articles in one ARTMAS IDoc
 - Internal Numbering is not supported
 - Following Mass Operations Views are not part of MDG-RFM 9.0 S/4HANA
 - Logistic DC Data via ARTMAS IDoc
 - Logistic Store Data via ARTMAS IDoc
 - Listing Data via LIKOND IDoc
 - Sales Data via ARTMAS IDoc
 - PoS Data via ARTMAS IDoc

- Change Pointers based IDoc xmls
- Deviation Handling
- Generic Articles with derived variants in Single Change Request
- Mass update with only Basic data (MARA) is supported and not Other Views
- DIF restriction for Vendor chars: Data import is only possible to active area for Vendor Characteristics
- Mass Change Request Creation
 - Delete BOM Data
- Reference Handling
 - Basic Data → for Unit of Measure, the GTIN values and the GTIN categories
 - The topics not mentioned in the section Reference Handling section in Appendix of this document - MDG Solution For Article Master – Reference Handling.docx. are Out of Scope for Reference handling
- Purchase Info Record
 - Creation of new vendor master data
 - Changing of existing vendor master data
 - Maintaining the net price for variant is not supported from generic article
 - Purchasing Conditions
 - Besides the creation of PB00 condition record as part of the purchasing info record the maintenance and change of other condition type is not be supported with MDG-RFM 9.0 S/4HANA
 - The possibility to maintain /change price for different validity period will not be supported
 - The maintenance of purchasing conditions tab and its related functionality is not supported
 - Display of Net price value in MDG is derived from in EINA table. Value maintained in pricing condition table for validity period will not be displayed in MDG.
- Listing
 - Support of other listing transactions within MDG-RFM 9.0 S/4HANA itself
 - Perform listing check for each variant is not supported
 - External assortment priority is not supported
- Logistics DC
 - None of the additional buttons in the logistic DC view are supported for reference DC / productive DCs except RP/Forecast, Other logistic data, accounting data & product costing (for additional article type)
- Logistics Store
 - None of the additional buttons in the logistic store view are supported for reference store / productive stores except RP/Forecast, Other logistic data & accounting data
- Sales View
 - Purchasing sub-screen
 - Calculation or maintenance of sales prices / sales conditions

Fiori Out of Scope for MDG RFM 9.0 S/4HANA:

The topics that are out of scope for Fiori MDG RFM 9.0 S/4HANA are as below:

- Though article categories other than Single & Generic Article can be created from Fiori App, its functionality is not supported.
- RFM Fiori App does not support Season in Create and Change Apps for S/4HANA.
- Approve App does not support POS and Additional Data.
- Fiori App does not support navigation to screens below Detail pages.

Appendix

Reference Handling in MDG-RFM 9.0 S/4HANA

Attached is the document that describes the reference handling implemented in MDG-RFM 9.0 S/4HANA

[External Document]

Data Model – MDG-RFM 9.0 S/4HANA

Attached is the document that describes the Data Model for MDG-RFM 9.0 S/4HANA. This also includes the Retail Tables and the respective fields used.

[External Document]