



User Help Guide for RFM and RMP Solutions by Utopia for S/4HANA

Release 1909

Document History

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

Version	Date	Description	Name
1.0	13-01-2020	Initial Version	Neelima Gowni

Approval History

Version	Date	Description	Name
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Utopia RFM Solutions for MDG

Utopia RFM Solutions for MDG can be used to request, approve, and execute changes to the following Article Master objects, as of version 1909, as well as replicate those changes to decentralized systems by means of ALE and IDOCs.

Utopia Article Master (uArticle™) for Master Data Governance is discussed in this document.

MDG Features

The management of master data usually follows the pattern below:

- You can influence the flow of this process by selecting a workflow
- You create a Change Request (see Creation of a Change Request).
- The Change Request undergoes an approval procedure. You can use the function processing of a Change Request.
- You execute the master data change (see Master Data Processing)
- You replicate the changes (see Data Replication)
- Simple field mappings with field transformations and complex transformations (SMT Mapping/Extensibility)
- Source and Target Value mapping (Key Mapping)
- Data Import Framework (DIF)
- Context Based Adaptation (CBA) for UI

Additional Enhancements

The following additional enhancements are discussed in this section:

- [System/User Status](#)
- [Enhanced \(additional\) Search Attributes](#)
- [Enhanced Search Functionality \(ALV\)](#)
- [Variant Class Type and Variant Class](#)
- [New Classification: Combination of the Classification and Configuration](#)
- [New Classification: Merchandise Category/Classification System/Characteristics](#)
- [Data Import Framework \(DIF\)](#)
- [Search](#)
- [Copy from Search Results](#)
- [Default Characteristics Referencing from Transaction CT04 for Characteristics](#)
- [Bill of Material \(BOM\)](#)
- [Mass Operations: Article Import](#)
- [Purchase Info Import](#)
- [Mass Change](#)
- [File Upload and Data Import Framework](#)
- [File Upload - All](#)

System/User Status

The technical objects and the complete processing with notification and order are linked to SAP's General Status Management. Here, you should distinguish between the System Status and the User Status.

For certain business processes, the system sets the System Status internally and automatically as a part of its General Status Management. A System Status is a status set by the system informing the user that a certain function has been performed on an object. The user cannot influence the System Status. The user can neither delete nor change it directly.

In addition to the status of the predefined system, you can define User Status that fulfill your requirements to extend or enhance the System Status. A User Status is a status defined by the user that can be created in addition to the existing System Status. The user can define and activate as many user statuses as required. The user statuses are defined in Customizing by means of a Status Profile.

Enhanced (additional) Search Attributes

Additional Search Criteria attributes have been added for each object to enhance the Search capabilities. The additional attributes allow users more options to refine the criteria used when performing a Search.

Enhanced Search Functionality – ALV

Users can save information about column structure, sort criteria, filter conditions, various display options, and so on, in an unlimited number of views. This implies that the users can always display the ALV output with their preferred properties. However, these views are only available to the user who created them. The views are not visible to other users. This form of modification of the ALV output is referred to as 'Personalization'.

Variant Class Type and Variant Class

This is introduced for the Generic Article. It is a new Classification. According to the data model, switch from pure Classification to a combination of the Merchandise Category/Classification System/Characteristics.

Changes for the Generic Articles and Variants

No class (KLAH, Class Type 026) are created for Generic Articles within the Merchandise Category hierarchy.

- Generic Article and Variants still have an object representation (INOB, Class Type 026) within the Merchandise Category hierarchy but they are linked directly to the Merchandise Category or Characteristic Profile (KSSK, Class Type 026) and not to a Generic Article class (KLAH, Class Type 026). Generic Articles now have an object representation in INOB table for Class Type 300 and they are linked to the configuration class (KLAH, KSSK, Class Type 300).
- Variants do not appear as objects in INOB table for Class Type 300. They are handled as configuration object instance within the IBASE.

New Classification: Combination of the Classification and Configuration

To provide more flexibility in the bundling of variant-creating characteristics, independent from the Merchandise Category hierarchy, the following tasks are performed:

- Configuration classes can be defined in a free manner compared to Characteristics Profiles.

- Existing configuration classes can be reused by any Generic Article as long as the assigned Characteristics are fitting.
- Reassignment of Generic Articles and Variants from one Merchandise Category to another Merchandise Category.
- Reclassification becomes easier as the variant-creating Characteristics are not concerned by that reassignment anymore.
- User guidance during Master Data creation for Generic Articles is not rigid. In S/4HANA, the Material, the Configurable Material and the Retail Article cannot be changed from a Master Data perspective but changed only the way of storing the Variant-creating data. The coexistence of Configuration Class and Characteristics Profiles Variant-creating Characteristics of Characteristics Profiles is hidden. Characteristics Profiles without informative Characteristics is hidden Merchandise Category Assignment, Informative Characteristics and Variants SAP Fiori theme for “classic” applications.

New Classification: 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 is a connection to the Classification System due to this.
- In S/4HANA, the Material, the Configurable Material and the Retail Article cannot be changed from a Master Data perspective but changed only the way of storing the Variant-creating data.

Data Import Framework (DIF)

- Data Import menus are only available in the Data Exchange menu for the Specialist and Steward roles.
- The DIF feature can be used to load the data into the system along with the Classification.
- For the Data Creation with the internal number range, the upload of Classification and Article attribute data should be performed in the subsequent run of DIF.
- Data Import functionality is available to create multiple records using xml and csv files with Key Mapping or without Key Mapping and, Key Mapping and Value Mapping. Multiple options including manual and governance process are present.
- While performing Data Import, the applicable fields for each unique Object Type /Category may be entered in the input file. You cannot dynamically restrict in the Framework, so the applicable field values are provided based on the Object Type /Category in the input files that are being loaded.
 - Examples – Article Category, BOM Item Category,

Search

The Default and only Search Method supported is HANA Search. In this search type, you can search with various criteria and search operators. HANA Search supports dynamic attribute selection.

Copy from Search Results

Create a new object with the Copy functionality by using an existing object. In the Search Results List screen, select an existing object and click Copy. The values that were present in the existing object is automatically copied into a new Change Request for that object.

Note: In the pop-up window after clicking Copy.

- Article Master, Internal Number: The field should be left blank. A temporary key is provided in the new Change Request generated.
- External Number: Provide the new external number.

Default Characteristics Referencing from Transaction CT04 for Characteristics

- Default Characteristics Referencing from Transaction CT04 for Characteristics
- The Characteristics Referencing is based on the default Characteristics in t-code CT04

Bill of Material (BOM)

For the creation of Sets, Prepacks and Displays also the creation of Bill of Materials is provided (with the known restrictions/limitations regarding BOMs and Retail systems. For example, no complex BOMs, no multiple-structured BOMs, no configurable BOMs).

Changes in assigned BOMs are 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).

Mass Operations: Article Import

Supports BD10 ARTMAS IDoc xmls for Article Data (limited number of views/field). One Article in one xml file for all types of operations as in the following:

Types of Mass Operations:

- Mass Import Active Area – Limited to Basic Data, UoM, Tax, Characteristics, Descriptions only
- Mass Import Active Area with Errors in Staging Area - Supported as Single Change Request per Article limited to Basic Data Import, UoM, Tax, Characteristics and Descriptions only
- Mass Import Staging Area – Supported as Single Change Request per Article limited to Basic Data Import, UoM, Tax, Characteristics, Descriptions only
- DIF/DRF for Additional
- DIF/DRF for Substitution
- DIF/DRF for Vendor Characteristics
- 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

Purchase Info Import

Supports INFREC IDoc xmls for Purchasing Data (limited number of fields)

- Mass Import Active Area: Article should exist in active area limited to General Data (E1EINAM), Purchasing Organization Data (E1EINEM)
- Mass Import Active Area with Errors in Staging Area – Article must exist in Active Area, limited to General Data (E1EINAM), Purchasing Organization Data (E1EINEM)
- Mass Import Staging Area – Article must already exist in active area limited to General Data (E1EINAM), Purchasing Organization Data (E1EINEM), Data Replication Framework

Mass Change

Mass Change for the Article is only applicable to the changes for the Basic Data entity attributes

File Upload and Data Import Framework

Article Master: While uploading a file, or performing Data Import with Article Master, the applicable fields for each Article Master Category only may be entered in the input file. You cannot dynamically restrict in the Framework, so the applicable field values should be provided based on the Article Master Category in the input files that are being loaded.

Based on the Article Master Category, if any field is entered which does not belong to that Category, it displays an error.

File Upload - All

- File Upload does not validate duplicate entries of the entities as standard framework does not support the same. A runtime error occurs under this circumstance.
- While uploading a file, or performing Data Import, only the applicable fields for each unique Object Type/Category may be entered in the input file. You cannot dynamically restrict the fields in the Framework, so the applicable field values should be provided based on the Object Type/Category in the input files that are being loaded.
 - Examples – Article Category, BOM Item Category.

Reference Handling

MDG-A reference handling logic is 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-A.

Reference Handling are valid for following views:

- Basic Data (Except for GTIN values and GTIN categories)
- Purchase Info Record
- Listing
- Logistics DC
- Logistics Store
- Sales
- PoS

More details are available in document MDG Solution for Article Master – Reference Handling.docx. This is attached in the Reference Handling section in the Appendix of this document

Variant-Creation Data Storage within Configuration (IBASE)

The Variant-Creation Data Storage within Configuration (IBASE) feature supports the new IBASE Classification (New Classification) for the Generic Article. What has changed is the way the Variant-Creation Data storage within the Configuration (IBASE).

Now in IBASE, for the Generic Article Variant Creation Characteristics are derived from variant creation classes (as defined in Class Config) instead of getting from the Merchandise Category / Characteristics Profile (old classification).

Distribution Curve for Prepack Articles for Variants

Distribution Curve is maintained in the t-code FSH_DC_MAINTAIN.

The Component quantities for the Prepack Article for the Generic Article Variants can be distributed based on the Distribution Curve ratio which is maintained at the individual Characteristics level or at the Variant configuration class level.

The Distribution Curves applicable for the given Generic Article will be displayed in a hierarchy and user can select or deselect the curve with checkboxes at different levels as mentioned above. Based on the selection, the Specified Total quantity will be distributed applying the ratio maintained against each Characteristic in the Distribution Curve configuration.

Lean New Classification: Classification System/Class Type and Characteristics

The data model is enhanced to assign new Classification via type 4 entities. In S/4HANA, user can add multiple Class Types, Classes and Characteristics data to the Article.

Default Characteristics Referencing from transaction CT04 for Characteristics is enabled.

The Characteristics for given Class Type is allowed by validating Characteristics via transaction CT04 configuration (referencing default characteristics, mandatory, single, multiple characteristics).

Global Data Protection Rules

Data protection is associated with numerous legal requirements and privacy concerns. In addition to compliance with general data protection acts, it is necessary to consider compliance with industry-specific legislation in different countries. Utopia Global Inc software products leverage the standard SAP framework and the underlying standard features for data protections applies to our products.

NOTE: Please be advised that it is not possible to include change request attachments within the scope of data protection and privacy. It is the responsibility of the end user to ensure that there is no personal or privacy relevant information contained in any attachment.

Please refer to the link below for documentation that describes the specific features and functions that SAP and Utopia provide to support compliance with the relevant legal requirements and data protection.

[Utopia RFM Product Support Portal](#)

Retail Mass Processing by Utopia

Retail Mass Processing (RMP) by Utopia provides an easy-to-use interactive governance platform to Create, Change and Listing of Article Master data efficiently.

It can be used to request, approve, and execute changes to multiple Articles in a specific Change Request (CR).

The management of master data usually follows the pattern as listed:

- You can influence the flow of this process by selecting a workflow
- You create a Change Request
- The Change Request undergoes an approval procedure. You can use the function processing of a Change Request
- You replicate the changes (see Data Replication)
- Context Based Adaptation (CBA)

Prerequisites for RMP

Assign the RMP application standard roles to the users, depending on their roles and responsibilities within the company.

- /UGIRMP/RFM_MASS_MENU - Retail Mass Processing by Utopia

RMP Solution Overview

Mass solution supports the following schema types:

- [Mass Create of Articles](#)
- [Mass Change of Articles](#)
- [Mass Listing for Articles](#)
- [Mass create of Procurement Articles](#)

Mass Create of Articles

The Mass Create schema allows creating multiple Articles of different types in one session under a single Change Request. This supports all types of Article creation.

There are two methods to do Mass Create of Articles:

- Using Excel Upload
 - Download the Excel template with selected tables using “Export to Excel”
 - Maintain table data in each tab
 - Upload Article data using “Import from Excel”
 - Check, Submit, Approve and Activate the Change Request
- Using UI
 - Maintain table data directly in the UI using F4 help option wherever applicable and using the context menu by right-clicking on the fields.
 - Check, Submit, Approve and Activate the Change Request

The following steps are required to create Article via file upload in RMP:

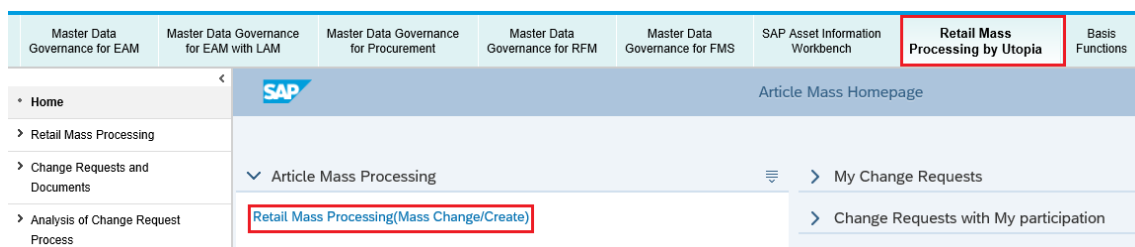
- [Launch RMP](#)
- [Load Data](#)
- [Check Data](#)
- [Submit Approve and Activate](#)

Refer [Appendix A: List of Tables in Mass Create Schema](#) for the tables supported for Mass Create.

Launch RMP

Use the following steps to launch RMP:

1. Launch the RMP application by using transaction code NWBC in the ECC system. Click on Retail Mass Processing as displayed below.



2. Select Create Mass Change Request.
3. The Change Request screen is displayed.
4. Enter Description and click on Schema ID dropdown and select the “Mass Create of Articles” option from the dropdown list.

General Data

Change Request ID: 10354

* Description: Mass Create

Priority:

Due Date:

Reason:

☒ RMP Process Edit Import from Excel Export to excel

Schema ID: **Mass Create of Articles**

[Change Request Log](#)

Load Data

You can enter the data manually in the UI or can load from Excel.

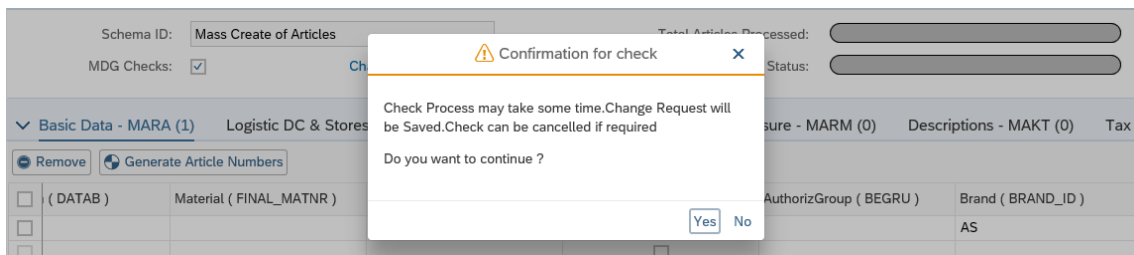
Refer [Import to Excel](#) for data upload.

Check Data

Check Data process is to validate the UI data.

Use the following steps to check data:

1. Click on the “Check” button, the “Confirmation for check” pop-up screen is displayed.



2. Click on “Yes” and continue.

In case of any errors, rectify the errors and check again. Total Articles processed should be 100% and the status should be in green in color with 100%.

☒ RMP Process Edit Import from Excel Export to excel

Schema ID: Mass Create of Articles Total Articles Processed: **100%**

MDG Checks: ☒ [Change Request Log](#) Status: **100%**

i Note

Refer to the status color code. Status Color Code (Red or Green) is displayed for the Change Request.

- Green: Data successfully processed.
- Red: Process failed, and the errors are available with the Change Request Log.

Refer [Troubleshooting](#) for error handling.

Submit Approve and Activate

Use the following steps to submit approve and activate:

1. Submit your Change Request by clicking the “Submit” button.
2. Check the success messages as displayed in the following screen.

Basic Data - MARA (5)		Logistic DC & Stores - MARC (0)		Basic Retail - MAW1 (0)		Unit of Measure - MARM (0)	
Remove		Generate Article Numbers					
<input checked="" type="checkbox"/>	I..	Article Number (MATNR)	<input type="checkbox"/>	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATYP)
<input checked="" type="checkbox"/>		ARTD000001	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		ARTD000002	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		ARTD000003	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		ARTD000004	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		ARTD000005	<input type="checkbox"/>		MC210102	ZFMS	Single material

All

☒ 2

☒ No errors found

☒ You have submitted change request 10354

3. Approve the Change Request and check for success messages.

Basic Data - MARA (5)		Logistic DC & Stores - MARC (0)		Basic Retail - MAW1 (0)		Unit of Measure - MARM (0)	
<div><div>Remove</div><div>Generate Article Numbers</div></div>							
<input checked="" type="checkbox"/>	I.. Article Number (MATNR)	<input type="checkbox"/>	Merchandise Category (M...	Article Type (MTART)	Article Category (ATYP)	Old M...	
<input checked="" type="checkbox"/>	ARTD000001	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input checked="" type="checkbox"/>	ARTD000002	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input checked="" type="checkbox"/>	ARTD000003	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input checked="" type="checkbox"/>	ARTD000004	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input checked="" type="checkbox"/>	ARTD000005	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<div><div>All</div><div>2</div><div></div><div></div></div> <div><div><input checked="" type="checkbox"/> No errors found</div><div><input checked="" type="checkbox"/> You have approved change request 10354</div></div>							

4. Click on “Activate” button.
5. Check the status changed to “Final Check Approved” and note down the Article number for future reference.

General Data		Process Data	
Change Request ID: 10354		Status:	Final Check Approved
Description: Mass Create		Current Workitem:	
Priority:		Created On/By:	24.05.2018 07:53:29
Due Date:		Changed On/By:	24.05.2018 08:09:58
Reason:		Finalized On/By:	24.05.2018 08:09:59

RMP Process

Export to excel

Schema ID: Mass Create of Articles

Total Articles Processed: 100%

Change Request Log

Status: 100%

Mass Create of Prepack Articles

Following are the three different ways to populate BOM components in Mass create of Prepack Articles.

- [Enter Variant Article as Components](#)
- [Generate Components via Generic Article](#)
- [Generate components via Generic Article with a Distribution Curve](#)

Enter Variant Article as Components

Use the following steps to create prepack articles with variant articles as BOM components.

1. Launch RMP: [Refer to Launch RMP](#).

2. Navigate to MARA tab and click “Generate Article Numbers” as displayed in the following screen.

Basic Data-MARA (0) Logistic DC & Stores-MARC (0) Basic Retail-MAW1 (0)

Remove **Generate Article Numbers**

<input type="checkbox"/>	S.	Material (MATNR)	I..	Material Group (MATKL)	Material type (MTART)
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		
<input type="checkbox"/>			<input type="checkbox"/>		

3. For Prepack Article, enter the Article Number Prefix, Start Number, Number of Articles, Merchandise Category, Article type and Article Category as displayed in the following screen.

Generate Article Number

Article Number Prefix:

Start Number:

Number of Articles:

Internal Number Flag: ☐

Merchandise Category:

Article Type:

Article Category:

Ok Cancel

4. Verify the Article generated in MARA tab with the basic data.

Basic Data - MARA (1) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (0) Unit of Measure - MARM (0)

Remove **Generate Article Numbers**

<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTYP)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PREMAT1	<input type="checkbox"/>	MC210102	ZFMS	Prepack
<input type="checkbox"/>			<input type="checkbox"/>			

5. Navigate to BOM tab. Click “Get Articles from Basic Data” and verify the populated Article.

MRP Segment - SGT_MRP (0) MRP Gen Seg. - SGT_MRP_GN (0) Account Seg. - SGT_MADKA (0) Article Hierarchy - ARTHIER (0) **Components - BOM (1)**

Remove **Get Articles from Basic Data** Generate Components for Prepack

<input type="checkbox"/>	I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PREMAT1			11		
<input type="checkbox"/>							

6. Enter variant articles as components (Field-IDNRK) and provide the quantity(Field-QTY) as displayed in the following screen.

MRP Segment - SGT_MRP (0) MRP Gen Seg. - SGT_MRP_GN (0) Account Seg. - SGT_MADKA (0) Article Hierarchy - ARTHIER (0) **Components - BOM (2)**

Remove **Get Articles from Basic Data** Generate Components for Prepack

<input type="checkbox"/>	I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PREMAT1	13064417		11	02	2,000
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PREMAT1	13064418		11	02	5,000
<input type="checkbox"/>							

7. Click “Check” to validate the Article data.

RMP Process Import from Excel Export to excel

Schema ID: Mass Create of Articles Total Articles Processed: 100% 1 / 1

MDG Checks: ☐ Change Request Log Status: 100%

MRP Segment - SGT_MRP (0) MRP Gen Seg. - SGT_MRP_GN (0) Account Seg. - SGT_MADKA (0) Article Hierarchy - ARTHIER (0) Components - BOM (2)

Remove Get Articles from Basic Data Generate Components for Prepack

I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input checked="" type="checkbox"/>	PREMAT1	13064417		11	02	2,000
<input type="checkbox"/>	PREMAT1	13064418		11	02	5,000

- Submit, Approve and Activate: Refer [Submit Approve and Activate](#).
- Run t-code MM43 and validate whether the Variant Articles are added as components, as displayed in the following screen.

Display Component Assignment for Prepack Material

Prepack: PREMAT1 Reference Article

Material Group: MC210102 Mens T Shirt

Select Distribution Curve Description

Component	Description	Quantity	C...
13064417	Reference Arti, display, Provence, green	2 EA	
13064418	Reference Art, display, Provence, violet	5 EA	

Generate Components via Generic Article

Use the following steps to create prepack articles with generate components via Generic Article.

- Launch RMP: [Refer to Launch RMP](#).
- Navigate to MARA tab and Generate the Article Numbers. Refer [Step2](#).
- For Prepack Article, enter the Article Number Prefix, Start Number, Number of Articles, Merchandise Category, Article type and Article Category as displayed in the following screen. Refer [Step3](#).
- Verify the Article generated in MARA tab with the basic data. Refer [Step4](#).
- Navigate to BOM tab. Click "Get Articles from Basic Data" and verify the populated Article. Refer [Step5](#).
- Enter Generic article as components in the field 'IDNRK', as displayed in the following screen.

MRP Segment - SGT_MRP (0) MRP Gen Seg. - SGT_MRP_GN (0) Account Seg. - SGT_MADKA (0) Article Hierarchy - ARTHIER (0) Components - BOM (1)

Remove Get Articles from Basic Data Generate Components for Prepack

I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input type="checkbox"/>	PREMAT21	13180		11	01	

- Click "Generate Components for Prepack" and verify that the Generic Article Number is replaced with the corresponding variant articles in the 'IDNRK' field.

MRP Segment - SGT_MRP (0) MRP Gen Seg. - SGT_MRP_GN (0) Account Seg. - SGT_MADKA (0) Article Hierarchy - ARTHIER (0) Components - BOM (4)

Remove Get Articles from Basic Data Generate Components for Prepack

I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input checked="" type="checkbox"/>	PREMAT21	13180001		11	02	
<input type="checkbox"/>	PREMAT21	13180002		11	02	
<input type="checkbox"/>	PREMAT21	13180003		11	02	
<input type="checkbox"/>	PREMAT21	13180004		11	02	

- Enter the quantity as displayed in the following screen.

MRP Segment - SGT_MRP (0) MRP Gen Seg. - SGT_MRP_GN (0) Account Seg. - SGT_MADKA (0) Article Hierarchy - ARTHIER (0) Components - BOM (4)						
<input type="checkbox"/> Remove	<input type="checkbox"/> Get Articles from Basic Data	Generate Components for Prepack				
<input type="checkbox"/> I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input checked="" type="checkbox"/>	PREMAT21	13180001		11	02	2
<input type="checkbox"/>	PREMAT21	13180002		11	02	2
<input type="checkbox"/>	PREMAT21	13180003		11	02	2
<input type="checkbox"/>	PREMAT21	13180004		11	02	2

9. Click on the “Check” button to validate the Article data.

▼ RMP Process

Import from Excel

Export to excel

Schema ID: Mass Create of Articles

Total Articles Processed: 100%

MDG Checks: ☐

Change Request Log

Status: 100%

1 / 1

▼ MRP Segment - SGT_MRP (0)

MRP Gen Seg. - SGT_MRP_GN (0)

Account Seg. - SGT_MADKA (0)

Article Hierarchy - ARTHIER (0)

Components - BOM (4)

Remove

Get Articles from Basic Data

Generate Components for Prepack

<input type="checkbox"/>	I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (MATNR_A...	Matl Category (IDNRK_AT...	Quantity (QTY)
<input checked="" type="checkbox"/>	■	PREMAT21	13180001		11	02	2,000
<input type="checkbox"/>	■	PREMAT21	13180002		11	02	2,000
<input type="checkbox"/>	■	PREMAT21	13180003		11	02	2,000
<input type="checkbox"/>	■	PREMAT21	13180004		11	02	2,000

10. Submit, Approve and Activate: Refer [Submit Approve and Activate](#).
11. Run t-code MM43 and validate whether the Variant Articles are added as components as displayed in the following screen.

Prepack	PREMAT21	Reference Article
Material Group	MC210102	Mens T Shirt
Select Distribution Curve	Description	Component Overview
		Component Description Quantity C...
		13180001 Reference Article, White, S 2 EA
		13180002 Reference Article, White, L 2 EA
		13180003 Reference Article, Green, S 2 EA
		13180004 Reference Article, Green, L 2 EA

Generate Components via Generic Article with a Distribution Curve

Use the following steps to create prepack articles with generate components via generic Article with a distribution curve.

1. Launch RMP: [Refer to Launch RMP](#).
2. Navigate to MARA tab and Generate the Article Numbers. Refer [Step2](#).
3. For Prepack Article, enter the Article Number Prefix, Start Number, Number of Articles, Merchandise Category, Article type and Article Category as displayed in the following screen. Refer [Step3](#).
4. Verify the Article generated in MARA tab with the basic data. Refer [Step4](#).
5. Navigate to BOM tab. Click on “Get Articles from Basic Data” and verify the populated Article. Refer [Step5](#).
6. Enter Generic article as component (Field – IDNRK), Quantity (Field – QTY) and Distribution Curve(Field – DCURVE) as displayed in the following screen.

Article Hierarchy - ARTHIER (0) Components - BOM (1) Purch. Segmentation - EINSMT (0) Additional - WTADDI (0)						
<input type="checkbox"/> Remove	<input type="checkbox"/> Get Articles from Basic Data	Generate Components for Prepack				
<input type="checkbox"/> I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Quantity (QTY)	Distr. Curve ID (DCURVE)	
<input type="checkbox"/>	PREMATDC11	13181		500,000	ZDCVAR	

- Click on “Generate Components for Prepack”. Verify that the Generic Article Number is replaced with the corresponding variant articles in the ‘IDNRK’ field and the total quantity is distributed amongst the different variants.

Article Hierarchy - ARTHIER (0) Components - BOM (4) Purch. Segmentation - EINS GT (0) Additional - WTADDI (0)						
<div>Remove</div> <div>Get Articles from Basic Data</div> <div>Generate Components for Prepack</div>						
I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (IDNRK_AT...	Quantity (QTY)	Distr. Curve ID (DCURVE)
<input checked="" type="checkbox"/>	PREMATDC11	13181001		02	125,000	
<input type="checkbox"/>	PREMATDC11	13181002		02	125,000	
<input type="checkbox"/>	PREMATDC11	13181003		02	125,000	
<input type="checkbox"/>	PREMATDC11	13181004		02	125,000	

- Click “Check” to validate the Article data.

▼

RMP Process

Import from Excel

Export to excel

Schema ID: Mass Create of Articles

Total Articles Processed: 100%1 / 1

MDG Checks: ☐

Change Request Log

Status: 100%

▼

Article Hierarchy - ARTHIER (0)

Components - BOM (4)

Purch. Segmentation - EINS GT (0)

Additional - WTADDI (0)





Remove

Get Articles from Basic Data

Generate Components for Prepack

🔍

⬇

<input type="checkbox"/> I..	Article Number (MATNR)	Component (IDNRK)	Component UoM (UOM)	Matl Category (IDNRK_AT...	Quantity (QTY)	Distr. Curve ID (DCURVE)
<input checked="" type="checkbox"/>	 PREMATDC11	13181001		02	125,000	
<input type="checkbox"/>	 PREMATDC11	13181002		02	125,000	
<input type="checkbox"/>	 PREMATDC11	13181003		02	125,000	
<input type="checkbox"/>	 PREMATDC11	13181004		02	125,000	

- Submit Approve and Activate: Refer [Submit Approve and Activate](#).
- Run t-code MM43 and validate whether the Variant Articles are added as components with the distributed quantity as displayed in the following screen.

Display Component Assignment for Prepack Material

Prepack

PREMATDC11

Reference Article

Material Group

MC210102

Mens T Shirt

Select Distribution Curve

Description

Component Overview

Component	Description	Quantity	C...
13181001	Reference Article, BLUE, S	125 EA	
13181002	Reference Article, BLUE, M	125 EA	
13181003	Reference Article, WHITE, S	125 EA	
13181004	Reference Article, WHITE, M	125 EA	

Mass Change of Articles

The Mass Change schema allows changing multiple Article records of different types in one session under a single Change Request.

There are two methods to do Mass Change of Articles:

- Using Excel Upload
 - Select the Articles to be changed by using “Add Articles for Mass Change”
 - Download the Article data/template with selected tables using “Export to Excel”
 - Maintain table data in each tab
 - Upload Article data using “Import from Excel”
 - Check, Submit, Approve and Activate the Change Request
- Using UI
 - Select the Articles to process by using “Add Articles for Mass Change”
 - Modify table data directly in the UI using F4 help option wherever applicable and using the context menu by right-clicking on the fields
 - Check, Submit, Approve and Activate the Change Request

The following steps are required to change Article via file upload in RMP:

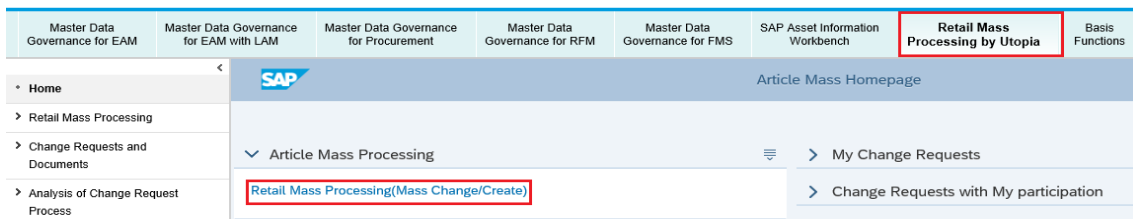
- [Launch RMP](#)
- [Add Articles for Mass Change](#)
- [Load Data](#)
- [Check Data](#)
- [Submit Approve and Activate](#)

Refer [Appendix A: List of Tables in Mass Change Schema](#) for the tables supported for Mass Change.

Launch RMP


Use the following steps to launch RMP:

1. Launch the RMP application by using transaction code NWBC in the ECC system. Click on Retail Mass Processing as displayed below.



The screenshot shows the SAP Article Mass Homepage. The top navigation bar includes several tabs: Master Data Governance for EAM, Master Data Governance for EAM with LAM, Master Data Governance for Procurement, Master Data Governance for RFM, Master Data Governance for FMS, SAP Asset Information Workbench, **Retail Mass Processing by Utopia** (highlighted with a red box), and Basis Functions. The left sidebar contains a menu with 'Home', 'Retail Mass Processing', 'Change Requests and Documents', and 'Analysis of Change Request Process'. The main content area shows 'Article Mass Processing' with a sub-menu 'Retail Mass Processing(Mass Change/Create)' (highlighted with a red box). Other options in the main area include 'My Change Requests' and 'Change Requests with My participation'.

2. Enter Description and select the “Mass Change of Articles” option from the Schema ID dropdown list.



The screenshot shows the SAP Change Request Log. The top navigation bar includes 'General', 'Notes', and 'Attachments'. The 'General' tab is selected. The 'General Data' section contains fields for 'Change Request ID' (10356), 'Description' (Mass Change), 'Priority' (dropdown), 'Due Date' (calendar icon), and 'Reason' (dropdown). Below this, there is a section for 'RMP Process' with buttons for 'Edit', 'Add Articles for Mass Change', 'Import from Excel', and 'Export to Excel'. The 'Schema ID' dropdown is set to 'Mass Change of Articles' (highlighted with a red box). A link for 'Change Request Log' is visible at the bottom.

Add Articles for Mass Change

In Mass Change, you can search and select the Articles to process by using “Add Articles for Mass Change” option.

Use the following steps to add Articles for Mass Change.

1. Click on the “Add Articles for Mass Change” button as shown in the following screen.

General Notes Attachments

General Data

Change Request ID: 10356

* Description: Mass Change

Priority: ▼

Due Date: 📅

Reason: ▼

✓ RMP Process Edit **Add Articles for Mass Change** Import from Excel Export to

Schema ID: Mass Change of Articles

[Change Request Log](#)

2. Enter Article number and click "Search".

Search Method: Article HANA Search (FMS)

Search Criteria Saved Searches: ▼ 🗑️

Search Term: +

Article	is	ARTD000001	🔗 + ⊖
Article Type	contains		🔗 + ⊖
Article Category	contains		🔗 + ⊖
Merchandise Category	contains		🔗 + ⊖
Description (medium text)	is		🔗 + ⊖

☒ Maximum Number of Results: 100

Search Clear Entries Reset to Default Save Search As: 📄

3. Click on "Import All Entries to CR" and Done.

Import All Entries to CR

Search Method: Article HANA Search (FMS)

Search Criteria Saved Searches: ▼ 🗑️

Search Term: +

Article	is	ARTD000001	🔗 + ⊖
Article Type	contains		🔗 + ⊖
Article Category	contains		🔗 + ⊖
Merchandise Category	contains		🔗 + ⊖
Description (medium text)	is		🔗 + ⊖

☒ Maximum Number of Results: 100

Search Clear Entries Reset to Default Save Search As: 📄

📄 All ☒ 35

- ☒ 10 Entries of WTADDI Table Added to Change...
- ☒ 10 Entries of WLK2 Table Added to Change R...
- ☒ 10 Entries of VARIANT Table Added to Chang...

MARC (0) Basic Retail - MAW1 (1) Unit of Measure

4. Mass Change Schema screen is displayed with imported records.

Basic Data - MARA (1) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (1) Unit of Measure - MARM (1) Seasons - FSH_SEASONS_MAT (0)

🗑️ Remove 🔢 Generate Article Numbers 🔍 ⬇️

<input type="checkbox"/>	I. Article Number (MATNR)	Envt. relevant (KZUMW)	Article Type (MTART)	Merchandise Category (M...	Article Category (ATTPY)	Old Matl Number (BISMT)
<input type="checkbox"/>	ARTD000001	<input type="checkbox"/>	ZFMS	MC210102	Single material	

5. Click on the [Export to Excel](#) button and save the file or you can modify the records in UI.
6. Make the changes in the file. Change the old material number for the Article in the MARA tab and Save.

	A	B	C	D	E	F	G
1	MATNR	KZUMW	MTART	MATKL	ATTYP	BISMT	BWSCL
2	Material	Env. relevant	Material type	Material Group	Matl Category	Old Matl Number	Supply source
3	ARTD000001		ZFMS	MC210102	00		
4							

7. Enter the Old Material Number as displayed in the following screen.

	A	B	C	D	E	F
1	MATNR	KZUMW	MTART	MATKL	ATTYP	BISMT
2	Material	Env. relevant	Material type	Material Group	Matl Category	Old Matl Number
3	ARTD000001		ZFMS	MC210102	00	ABCD123

Load Datasheet

Click on [Import from Excel](#) button to upload the file with changed Article data.

Check Data

Click on the “Check” button to validate the Article data.

▼ RMP Process		Edit	Add Articles for Mass Change	Import from Excel	Export to excel	
Schema ID: Mass Change of Articles		Total Articles Processed:			100%	1 / 1
Change Request Log		Status:			100%	
▼ Basic Data - MARA (1) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (1) Unit of Measure - MARM (1) Seasons - FSH_SEASONS_MAT (0)						
Remove		Generate Article Numbers				
<input type="checkbox"/>	I.. Article Number (MATNR)	Envt. relevant (KZUMW)	Article Type (MTART)	Merchandise Category (M...	Article Category (ATTYP)	Old Matl Number (B
<input type="checkbox"/>	ARTD000001	<input type="checkbox"/>	ZFMS	MC210102	Single material	ABCD123

Submit Approve and Activate

Refer [Submit Approve and Activate](#).

Mass Listing for Articles

The Mass Listing for Articles schema allows listing multiple Articles across multiple assortments/sites in a single Change Request.

There are two methods to do Mass Listing:

- Using Excel Upload
 - Select the Articles to process by using “Add Articles for Mass Change”
 - Download the Article data/template with selected tables using “Export to Excel”
 - Upload Article data using “Import from Excel”
 - Select the Article and click on the Generate Assortments button to get the Assortments listed
 - Check, Submit, Approve and Activate the Change Request
- Using UI
 - Select the Articles to process by using “Add Articles for Mass Change”
 - Select the Article and click on the Generate Assortments button to get the Assortments listed
 - Check, Submit, Approve and Activate the Change Request

The table available in this schema is “Listing”.

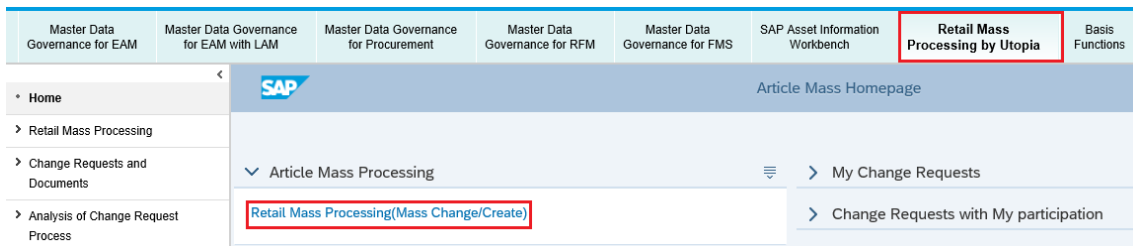
The following are the steps required for Mass Listing of Articles.

- [Launch RMP](#)
- [Add Articles for Mass Listing for Articles](#)
- [Check Data](#)
- [Submit Approve and Activate](#)

Launch RMP

Use the following steps to launch RMP:

1. Launch the RMP application by using transaction code NWBC in the ECC system. Click on Retail Mass Processing as displayed below.



The screenshot shows the SAP Article Mass Homepage. The top navigation bar includes several tabs: Master Data Governance for EAM, Master Data Governance for EAM with LAM, Master Data Governance for Procurement, Master Data Governance for RFM, Master Data Governance for FMS, SAP Asset Information Workbench, **Retail Mass Processing by Utopia** (highlighted with a red box), and Basis Functions. The left sidebar contains a menu with 'Home', 'Retail Mass Processing', 'Change Requests and Documents', and 'Analysis of Change Request Process'. The main content area is titled 'Article Mass Processing' and includes a sub-menu 'Retail Mass Processing(Mass Change/Create)' (highlighted with a red box) and a link 'My Change Requests'. Below the sub-menu, there is a link 'Change Requests with My participation'.

2. The Change Request screen is displayed.

Enter Description and select the “Mass Listing for Articles” option from the Schema ID dropdown list.



The screenshot shows the SAP Change Request screen. The top navigation bar includes 'Change Request' and 'Edit'. The main content area is titled 'General Data' and includes fields for 'Change Request ID' (10357), 'Description' (Mass Listing), 'Priority' (dropdown), 'Due Date' (calendar icon), and 'Reason' (dropdown). Below the 'General Data' section, there is a 'Process Data' section. The 'RMP Process' section includes a 'Schema ID' dropdown list with 'Mass Listing for Articles' selected (highlighted with a red box). Below the 'Schema ID' dropdown, there is a link 'Change Request Log'. The 'RMP Process' section also includes buttons for 'Edit', 'Add Articles for Mass Change', 'Import from Excel', and 'Export to excel'.

Add Articles for Mass Listing

Use the following steps to Add Article for Mass Listing.

1. Follow the [Add Articles for Mass Change](#) steps to retrieve the Articles for Mass Listing. Alternatively, you can retrieve the Articles using “Import from Excel” option or by entering the Article Number directly as displayed in the following screen.



The screenshot shows the SAP RMP Process screen. The top navigation bar includes 'RMP Process', 'Edit', 'Add Articles for Mass Change', 'Import from Excel', and 'Export to excel'. The main content area is titled 'Schema ID' and includes a dropdown list with 'Mass Listing for Articles' selected. Below the 'Schema ID' dropdown, there is a link 'Change Request Log'. The 'RMP Process' section also includes buttons for 'Edit', 'Add Articles for Mass Change', 'Import from Excel', and 'Export to excel'. Below the 'RMP Process' section, there is a 'Listing - LISTING (1)' section. The 'Listing - LISTING (1)' section includes a 'Generate Assortments' button and a table with columns: 'Article Number (MATNR)', 'Assortment (ASORT)', 'List. procedure (LSTVF)', and 'Valid From (DATAB)'. The table contains one row with the value '3785' in the 'Article Number (MATNR)' column.

2. Select the Article and click on “Generate Assortments” button.
3. Verify the Assortments generated as in the following screen.

Listing - LISTING (3) Generate Assortments						
Remove						
<input type="checkbox"/>	I..	Article Number (MATNR)	Assortment (ASORT)	List. procedure (LSTVF)	Valid From (DATAB)	Valid To (DATBI)
<input checked="" type="checkbox"/>		3785	ASSORT_1	B1	24.04.2018	31.12.9999
<input type="checkbox"/>		3785	ASSORT_3	B1	24.04.2018	31.12.9999
<input type="checkbox"/>		3785	ASSORT_4	B1	24.04.2018	31.12.9999
All 1 Assortments generated for 1 article(s)						

Check Data

Click on the “Check” button to validate the assortment data.

RMP Process

Edit

Add Articles for Mass Change

Import from Excel

Export to excel

Schema ID: Mass Listing for Articles

Total Articles Processed: 100%

Change Request Log

Status: 100%

Listing - LISTING (3)

Generate Assortments

Remove

<input type="checkbox"/>	I..	Article Number (MATNR)	Assortment (ASORT)	List. procedure (LSTVF)	Valid From (DATAB)	Valid To (DATBI)	New listing
<input checked="" type="checkbox"/>		3785	ASSORT_1	B1	24.04.2018	31.12.9999	
<input type="checkbox"/>		3785	ASSORT_3	B1	24.04.2018	31.12.9999	
<input type="checkbox"/>		3785	ASSORT_4	B1	24.04.2018	31.12.9999	

All2

No errors found

Change request 10357 created

Submit Approve and Activate

Refer [Submit Approve and Activate](#).

Mass create of Procurement Articles

The Mass create of Procurement Articles schema allows to create multiple procurement articles. Procurement article can create for only single articles.

Steps to create mass procurement articles:

There are two methods to create mass procurement articles:

- Using Excel Upload
 - Select the Articles to process by using “Add Articles for Mass Change”
 - Download the Article data/template with selected tables using “Export to Excel”
 - Change the procurement data in excel file
 - Upload Article data using “Import from Excel”
 - Check, Submit, Approve and Activate the Change Request
- Using UI
 - Select the Articles to process by using “Add Articles for Mass Change”
 - Change the procurement data
 - Check, Submit, Approve and Activate the Change Request

The following are the steps required for Mass Listing of Articles.

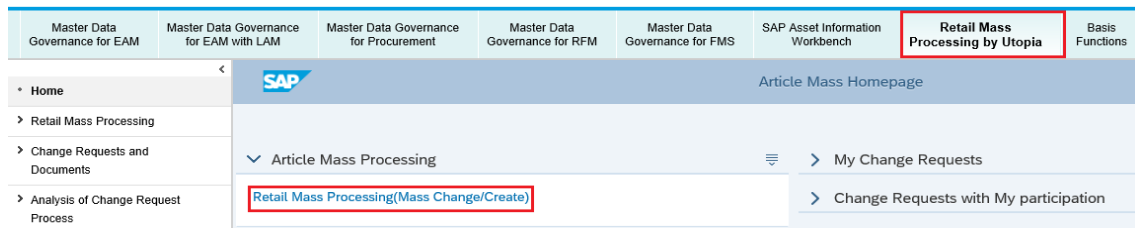
- [Launch RMP](#)

- [Add Articles for Mass creation of Procurement Articles](#)
- [Check Data](#)
- [Submit Approve and Activate](#)

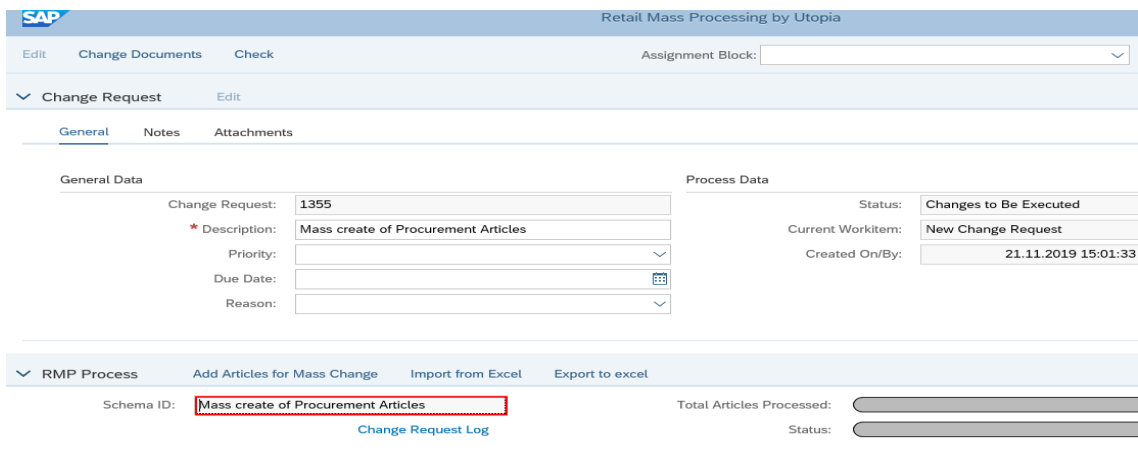
Launch RMP

Use the following steps to launch RMP:

1. Launch the RMP application by using transaction code NWBC in the ECC system. Click on Retail Mass Processing as displayed below.



2. The Change Request screen is displayed.
3. Enter Description and select the "Mass create of Procurement Articles" option from the Schema ID dropdown list.



Add Articles for Mass creation of Procurement Articles

Use the following steps to Add Article for Mass creation of Procurement Articles.

1. Follow the [Add Articles for Mass Change](#) steps to retrieve the Articles to create mass procurement articles.

SAP Retail Mass Processing by Utopia

Edit Change Documents Check Assignment Block:

▼ Change Request Edit

General Notes Attachments

General Data

Change Request: 1355

* Description: Mass create of Procurement Articles

Priority:

Due Date:

Reason:

Process Data

Status: Changes to Be Executed

Current Workitem: New Change Request

Created On/By: 21.11.2019 15:01:33

▼ RMP Process Add Articles for Mass Change Import from Excel Export to excel

Schema ID: Mass create of Procurement Articles Total Articles Processed:

Change Request Log Status:

2. Enter search criteria and click on Search button and click on import all entries to CR button.

SAP Search: Article

Import All Entries to CR

Search Method: Article HANA Search (FMS)

▼ Search Criteria Saved Searches:

Search Term:

Article is ZPROC_ART

Article Type is

Article Category is

Merchandise Category is

Description (medium text) is

☒ Maximum Number of Results: 100

Search Clear Entries Reset to Default Save Search As:

▼ Basic Data - MARA (1)

Article Number (MATNR)	Description (INFO_MAKTX)	Merchandise Category (M...	Base Unit (MEINS)	Order Unit (BSTME)
ZPROC_ART		MC210102	EA	

3. Procurement Details will display on the following screen.

SAP Search: Article

Edit Change Documents Refresh Check Assignment Block: Procurement - PROCURE (1) Side Panel

▼ RMP Process Add Articles for Mass Change Import from Excel Export to excel

Schema ID: Mass create of Procurement Articles Total Articles Processed: 100% 1 / 1

Change Request Log Status: 100%

▼ Basic Data - MARA (1) Procurement - PROCURE (1) Existing Procurement - EXISTPROCURE (1)

Remove

I. Article Number (MATNR)	Description (INFO_MAKTX)	Unit of Measure (MEINH)	Unit of issue (AUSME)	Material (MATNR_PR)	Description (MAKTX_PR)	(CREATI
<input checked="" type="checkbox"/> ZPROC_ART	MC REFERENCE ARTICLE	BOX		ZPROC_ART_BOX	MC REFERENCE ARTICLE - BO	

4. Enter the values for following fields in Procurement (PROCURE) tab.

a. Unit of Issue (AUSME)

b. Material (MATNR_PR)

For Internal number case, no need to provide any value for material field as material numbers will create after activation of change request.

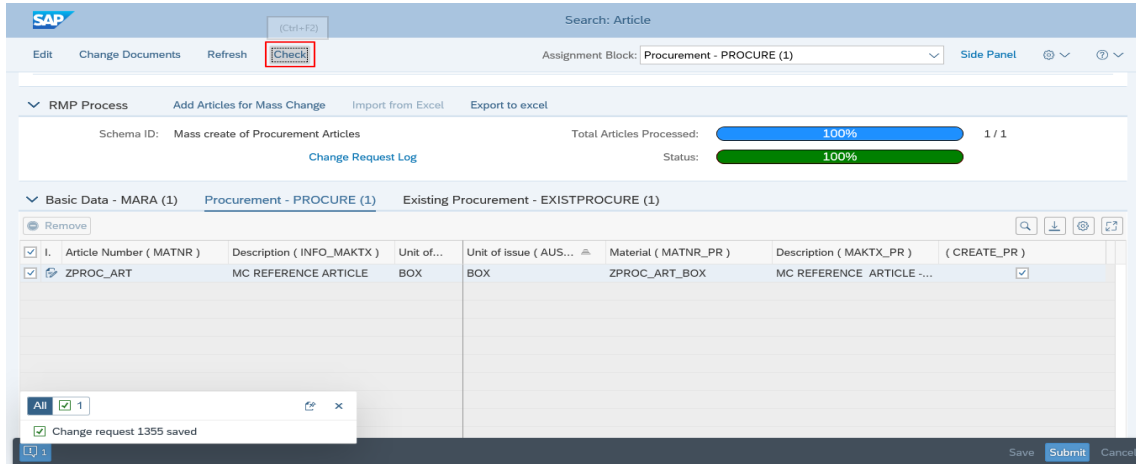
For External Case, we are providing by default as combination of article number (ZPROC_ART) and base unit of article (BAG) like ZPROC_ART_BAG. This is optional if you don't want to change anything then system will create same number and it will allow to change external number if you want to change.

c. CREATION CHECK BOX(CREATE_PR)

By default, all procurement combinations will display. Based on check box (CREATE_PR) selection procurement articles will be created at activation.

Check Data

Click on the “Check” button to validate procurement data.



The screenshot shows the SAP S/4HANA 'Mass Create of Procurement Articles' interface. At the top, there's a 'Check' button highlighted with a red box. Below it, the 'RMP Process' section shows 'Schema ID: Mass create of Procurement Articles' and 'Total Articles Processed: 100%'. The 'Basic Data' section shows 'Procurement - PROCURE (1)' and 'Existing Procurement - EXISTPROCURE (1)'. A table lists the data for the procurement articles, including 'Article Number (MATNR)', 'Description (INFO_MAKTX)', 'Unit of issue (AUS...)', 'Material (MATNR_PR)', 'Description (MAKTX_PR)', and a checkbox for '(CREATE_PR)'. The table shows one entry for 'ZPROC_ART' with 'MC REFERENCE ARTICLE' and 'BOX' as the unit of issue. A status bar at the bottom indicates 'Change request 1355 saved'.

Submit Approve and Activate

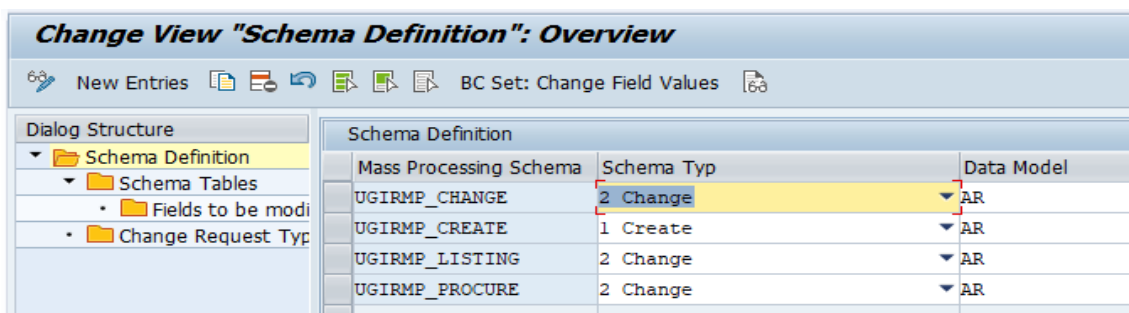
Refer [Submit Approve and Activate](#).

MDG Check Functionality

MDG Check functionality is to validate the UI data. This check includes validations based on BRF+ rules, customer-specific BAdi checks along with API checks.

This feature is configurable in the backend.

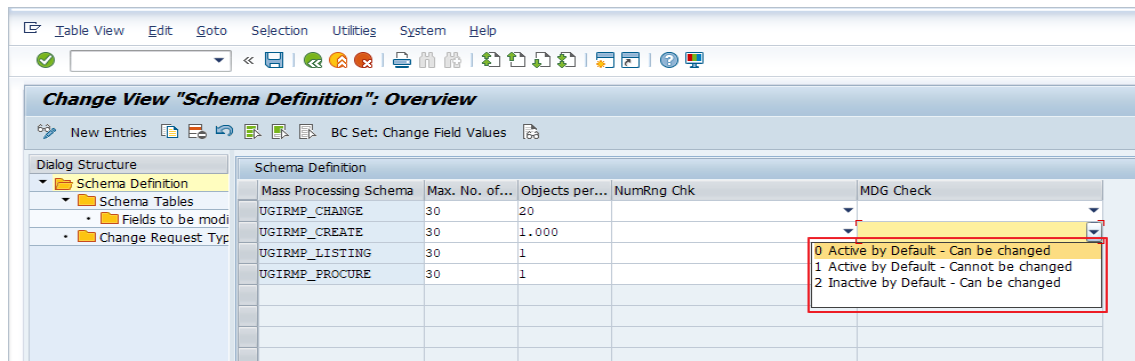
- Run t-code MDGIMG.
- Navigate to Retail Mass Processing by Utopia > Process Modeling > Schema Definition. RMP Schema Types are displayed as in the following screen.



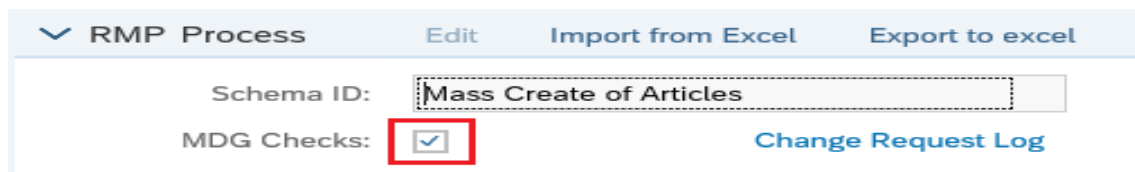
The screenshot shows the 'Change View "Schema Definition": Overview' screen. It displays a table of schema definitions for 'Mass Processing Schema'. The table has columns for 'Schema Typ' and 'Data Model'. The 'Schema Typ' column shows '2 Change' for 'UGIRMP_CREATE', '1 Create' for 'UGIRMP_LISTING', and '2 Change' for 'UGIRMP_PROCURE'. The 'Data Model' column shows 'AR' for all three. The 'UGIRMP_CREATE' row is highlighted in yellow.

Mass Processing Schema	Schema Typ	Data Model
UGIRMP_CHANGE	2 Change	AR
UGIRMP_CREATE	1 Create	AR
UGIRMP_LISTING	2 Change	AR
UGIRMP_PROCURE	2 Change	AR

- Select the “Schema type” as UGIRMP_CREATE.
MDG Check available options are displayed in the following screen.



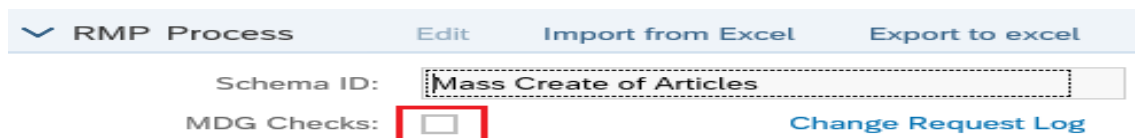
- “0-Active by Default – Can be changed”: MDG Check is done by default. This feature enables the user to check/uncheck the checkbox in the UI.



- “1-Active by Default – Cannot be changed”: MDG Check is done by default. User is not allowed to uncheck the box. The checkbox is greyed out as displayed in the following screen.



- “2-Inactive by Default – Can be changed”: MDG Check is unchecked by default. This feature enables the user to check/uncheck the checkbox in the UI.



- Blank – MDG Checkbox is hidden in the UI as displayed in the following screen.



RMP Features

The mass solution includes various features as in the following list.

- [Export to Excel](#)
- [Import from Excel](#)
- [Delete DB Records](#)
- [Select Rows with Identical Value](#)

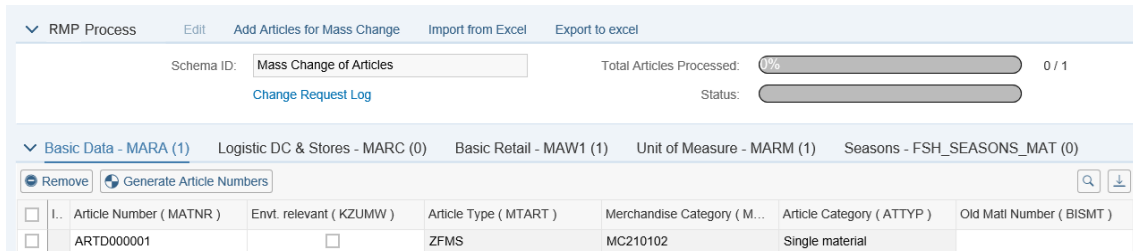
- [Copy Value to Selected Rows](#)
- [Copy Row Template](#)
- [Copy Row](#)
- [Remove Row](#)
- [Change Request Check Process](#)
- [Cancel Check](#)
- [Auto Generate Features](#)
- [Error handling with Change Request Log](#)

Export to Excel

Export to Excel feature is to download the Template or UI Data with selected Table(s) at any point of time in the CR process.

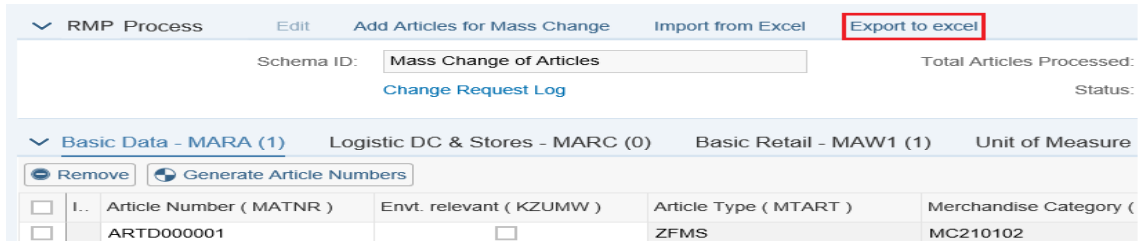
Use the following steps to export Excel from UI. It is explained with Schema type- Mass Change of Articles as an example.

1. Launch RMP: [Refer to Launch RMP](#).
2. Enter or get the List of Articles using the Article Search function as displayed in the following screen.



The screenshot shows the 'RMP Process' interface. The top navigation bar includes 'RMP Process', 'Edit', 'Add Articles for Mass Change', 'Import from Excel', and 'Export to excel'. The 'Export to excel' button is highlighted with a red box. Below the navigation bar, the 'Schema ID' is set to 'Mass Change of Articles'. The 'Total Articles Processed' is 0% (0 / 1). The 'Status' is 'Change Request Log'. The 'Basic Data - MARA (1)' section is expanded, showing a table with columns: 'I.', 'Article Number (MATNR)', 'Envt. relevant (KZUMW)', 'Article Type (MTART)', 'Merchandise Category (M...', 'Article Category (ATYP)', and 'Old Matl Number (BISMT)'. The table contains one row with the article number 'ARTD000001' and article type 'ZFMS'.

3. Click on the "Export to Excel" button.



This screenshot is identical to the previous one, showing the 'RMP Process' interface with the 'Export to excel' button highlighted in the top navigation bar. The 'Schema ID' is 'Mass Change of Articles', 'Total Articles Processed' is 0% (0 / 1), and 'Status' is 'Change Request Log'. The 'Basic Data - MARA (1)' section is expanded, showing a table with columns: 'I.', 'Article Number (MATNR)', 'Envt. relevant (KZUMW)', 'Article Type (MTART)', 'Merchandise Category (M...', 'Article Category (ATYP)', and 'Old Matl Number (BISMT)'. The table contains one row with the article number 'ARTD000001' and article type 'ZFMS'.

List of tables in Mass Change schema is displayed in a dialog box with an option to select/deselect tables.

4. Click on the "OK to Export" button.

Export to Excel

Deselect All Select All

Schema Table	Table Description	Include Table in Excel File
MARA	Basic Data	<input checked="" type="checkbox"/>
MARC	Logistic DC & Stores	<input checked="" type="checkbox"/>
MAW1	Basic Retail	<input checked="" type="checkbox"/>
MARM	Unit of Measure	<input checked="" type="checkbox"/>
FSH_SEASONS_MAT	Seasons	<input checked="" type="checkbox"/>
MAKT	Descriptions	<input checked="" type="checkbox"/>
MLAN	Tax	<input checked="" type="checkbox"/>
MBEW	Accounting	<input checked="" type="checkbox"/>
MEAN	GTIN	<input checked="" type="checkbox"/>
MLEA	Vendor GTIN	<input checked="" type="checkbox"/>

OK to Export Cancel

The Excel spreadsheet is generated as displayed in the following screen.

Basic Data - MARA (1) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (1) Unit of Measure - MARM (1) Seasons - FSH_SEASONS_MAT (0)

Remove Generate Article Numbers

I.	Article Number (MATNR)	Env. relevant (KZUMW)	Article Type (MTART)	Merchandise Category (M...	Article Category (ATYP)	Old Matl Number (BIS
<input type="checkbox"/>	ARTD000001	<input type="checkbox"/>	ZFMS	MC210102	Single material	
<input type="checkbox"/>		<input type="checkbox"/>				
<input type="checkbox"/>		<input type="checkbox"/>				
<input type="checkbox"/>		<input type="checkbox"/>				

Do you want to open or save RMP_CR10356_UGIRMP_CHANGE.xlsx from ulabsfm1.ugi.com? Open Save Cancel

RMP_CR10356_UGIRMP_CHANGE.xlsx - Excel

	A	B	C	D	E	F	G	H	I	J
	MATNR	KZUMW	MTART	MATKL	ATTYP	BISMT	BWSCL	CHARP	CLASS_VAR	
	Material	Env. relevant	Material type	Material Group	Matl Category	Old Matl Numbr	Supply source	Char. Profile	Variant Class	
1	ARTD000001		ZFMS	MC210102	00			MC210102		
2										
3										
4										
5										
6										
7										

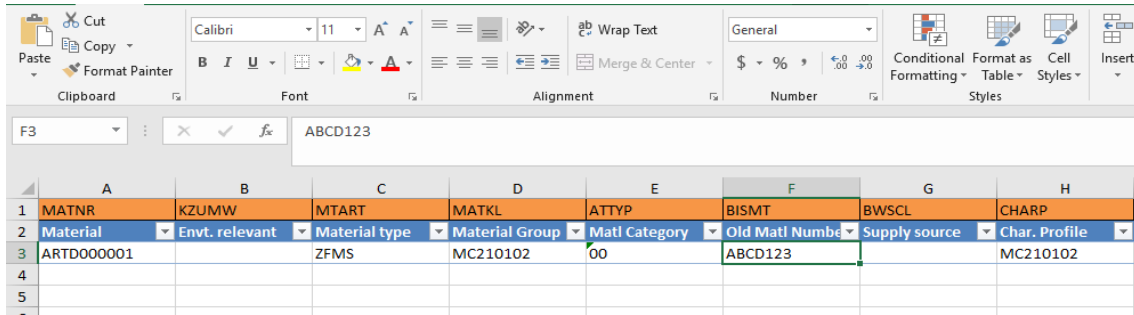
This Excel sheet can be modified and uploaded back to process further. Refer [Import from Excel](#) to upload the sheet.

Import from Excel

This feature is to Upload data from Excel Spreadsheet for multiple tables in a single file.

Use the following steps to import Excel to UI. It is explained with Schema type- Mass Change of Articles as an example.

1. Launch RMP: Refer [Launch RMP](#).
2. Get the Excel template downloaded: [Refer Export to Excel](#)
3. Fill the template with Article data in the respective tabs as displayed in the following screen.



	A	B	C	D	E	F	G	H
1	MATNR	KZUMW	MTART	MATKL	ATTYP	BISMT	BWSCL	CHARP
2	Material	Envl. relevant	Material type	Material Group	Matl Category	Old Matl Numbe	Supply source	Char. Profile
3	ARTD000001		ZFMS	MC210102	00	ABCD123		MC210102
4								
5								

Note

The data file (Excel) should be ready with multiple records for MARA, MARC, MAW1, MARM, FSH_SEASONS_MAT, MAKT and MLAN entities, etc.,

- Click on the “Import from Excel” button as shown in the following screen.



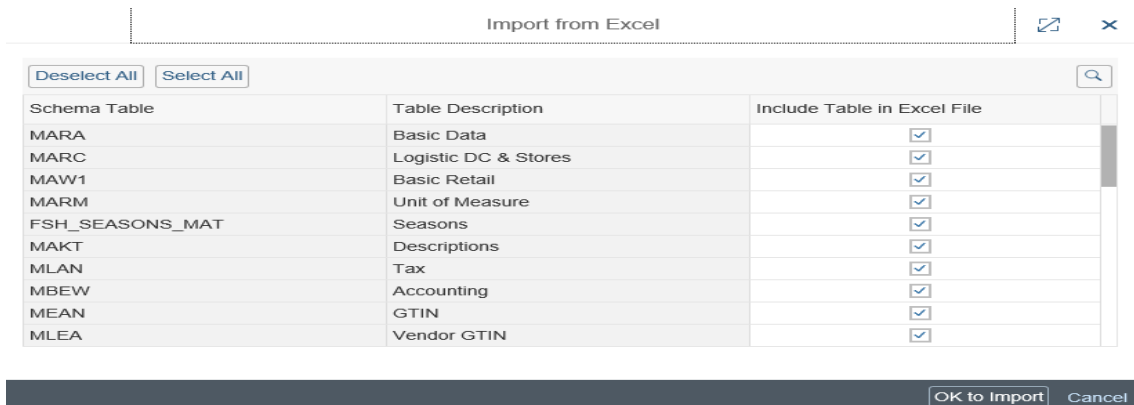
RMP Process Edit Add Articles for Mass Change **Import from Excel** Export to excel

Schema ID: Mass Change of Articles Total Articles

[Change Request Log](#)

List of tables in Mass Create Schema is displayed in a dialog box with an option to select the required tables.

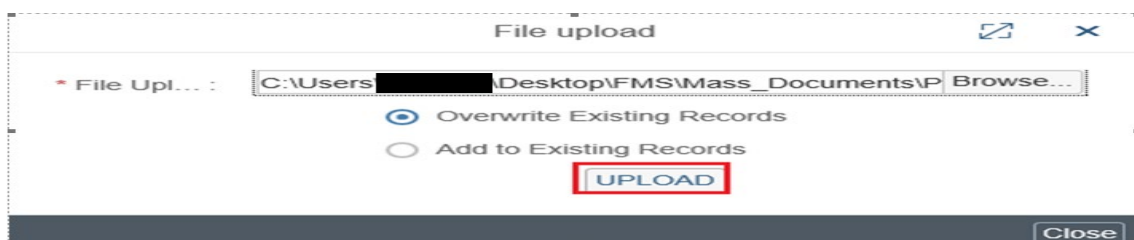
- Select the required tables.



Schema Table	Table Description	Include Table in Excel File
MARA	Basic Data	<input checked="" type="checkbox"/>
MARC	Logistic DC & Stores	<input checked="" type="checkbox"/>
MAW1	Basic Retail	<input checked="" type="checkbox"/>
MARM	Unit of Measure	<input checked="" type="checkbox"/>
FSH_SEASONS_MAT	Seasons	<input checked="" type="checkbox"/>
MAKT	Descriptions	<input checked="" type="checkbox"/>
MLAN	Tax	<input checked="" type="checkbox"/>
MBEW	Accounting	<input checked="" type="checkbox"/>
MEAN	GTIN	<input checked="" type="checkbox"/>
MLEA	Vendor GTIN	<input checked="" type="checkbox"/>

OK to Import Cancel

- Click “OK to Import”.
- Click on “Browse” button and then select the data file (Excel) with Article records.
- Click on “Upload” button and the data are uploaded to the different entities like MARA, MARC, MAW1, MARM, MAKT, FSH_SEASONS_MAT, and MLAN, etc. as displayed in the following screen.



File upload

* File Upd... : C:\Users\...\Desktop\FMS\Mass_Documents\ Browse...

☒ Overwrite Existing Records
☐ Add to Existing Records

UPLOAD

Close

Basic Data - MARA (1) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (1) Unit of Measure - MARM (1) Seasons - FSH_SEASONS_MAT (0)						
<input type="checkbox"/>	I.. Article Number (MATNR)	Envt. relevant (KZUMW)	Article Type (MTART)	Merchandise Category (M...	Article Category (ATTYP)	Old Matl Number (BIS
<input type="checkbox"/>	ARTD000001	<input type="checkbox"/>	ZFMS	MC210102	Single material	ABCD123
Data Uploaded Successfully						

Delete DB Records

Delete functionality has “Deletion Indicator” flag for selected tables in “Mass Change of Articles” schema. It allows deleting an existing record from the database table.

This is available in the change schema for the tables:

1. Descriptions (MAKT)
2. Components (BOM)
3. Layout Modules (MALG)
4. GTIN (MEAN)
5. Vendor GTIN (MLEA)
6. Seasons (FSH_SEASONS_MAT)
7. Substitution (SUBSTN)
8. Tax (MLAN)
9. Additional (WTADDI)

It is explained with the “MAKT” table as an example.

Use the following steps to Delete a row in MAKT table.

1. Launch RMP: Refer [Launch RMP](#)
2. [Add Articles for Mass Change](#).
3. Navigate to MAKT tab and select the “Deletion Indicator” checkbox as displayed in the following screen.

Descriptions - MAKT (2) Tax - MLAN (5) Accounting - MBEW (11) GTIN - MEAN (1) Vendor GTIN - MLEA (0) Warehouses - MLGN (1)						
<input type="checkbox"/>	S. Deletion Indicator (DELET...	Article Number (MATNR)	Language (SPRAS)	Description (MAKTX)	Description (MAKTG)	
<input type="checkbox"/>	<input type="checkbox"/>	MASSFS167	EN	MASS0035	MASS0035	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MASSFS167	DE	MASS0002_T36	MASS0002_T36	

Check Data

Click on the “Check” button to validate the Article data.

Edit

Refresh

Check

Change Documents

Assignment Block:

Descriptions - MAKT (2)

Due Date:

Changed On/By: 14.05.2018 01:22:15

Reason:

▼ RMP Process

Edit

Add Articles for Mass Change

Import from Excel

Export to excel

Schema ID: Mass Change of Articles

Total Articles Processed: 100%

Change Request Log

Status: 100%

▼ Descriptions - MAKT (2)

Tax - MLAN (5)

Accounting - MBEW (11)

GTIN - MEAN (1)

Vendor GTIN - MLEA (0)

Warehouses - M

Remove

Get Articles from Basic Data

<input type="checkbox"/>	S. Deletion Indicator (DELET...	Article Number (MATNR)	Language (SPRAS)	Description (MAKTX)	Description (MAKTG)
<input type="checkbox"/>	<input type="checkbox"/>	MASSFS167	EN	MASS0035	MASS0035
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MASSFS167	DE	MASS0002_T36	MASS0002_T36

Submit Approve and Activate

Refer [Submit Approve and Activate](#).

Select Rows with Identical Value

“Select Rows with Identical Value” feature is to select the rows with the same set of data. It is available for all the tables in the Create and Change schemas. It is used for mass maintenance for fields with similar values. This is available in the context menu.

It is explained with “HAWA” Material Type as an example.

Use the following steps to select rows with an identical value.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Verify the multiple Articles of Type “HAWA” as listed.

Basic Data - MARA (10)					Logistic DC & Stores - MARC (0)	Basic Retail - MAW1 (0)	Unit of Measure - MARM
Remove Generate Article Numbers							
<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTY)	
<input type="checkbox"/>		MAT000001	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000002	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000003	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000004	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input type="checkbox"/>		MAT000005	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input type="checkbox"/>		MAT000006	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000007	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000008	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input type="checkbox"/>		MAT000009	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000010	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼

4. Right-click on the “Material Type” column and select the “Select Rows with Identical Value” option.

Basic Data - MARA (10)					Logistic DC & Stores - MARC (0)	Basic Retail - MAW1 (0)	Unit of Measure - MARM (0)
Remove Generate Article Numbers							
<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTY)	Old M
<input type="checkbox"/>		MAT000001	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000002	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000003	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000004	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input type="checkbox"/>		MAT000005	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼

5. Check the selected rows with “HAWA” Material Type.

The records can be further processed according to the different requirements. Refer [Copy Value to Selected Rows](#) as an example.

Basic Data - MARA (10)					Logistic DC & Stores - MARC (0)	Basic Retail - MAW1 (0)	Unit of Measure - MARM
Remove Generate Article Numbers							
<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTY)	
<input checked="" type="checkbox"/>		MAT000001	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input checked="" type="checkbox"/>		MAT000002	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input checked="" type="checkbox"/>		MAT000003	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000004	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input type="checkbox"/>		MAT000005	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input checked="" type="checkbox"/>		MAT000006	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input checked="" type="checkbox"/>		MAT000007	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000008	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼
<input checked="" type="checkbox"/>		MAT000009	<input type="checkbox"/>	MC210102	HAWA	Single material	▼
<input type="checkbox"/>		MAT000010	<input type="checkbox"/>	MC210102	ZFMS	Single material	▼

Copy Value to Selected Rows

“Copy Value to Selected Rows” allows copying the required value to selected rows. This feature is available for all the tables in the Create and Change schemas. It is for mass maintenance for fields with similar values. This is available in the context menu.

This feature is explained with “HAWA” Material Type as an example.

Use the following steps to copy the value to the selected rows.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Select all the Articles with the “HAWA” Material Type as displayed in the following screen.
Refer [Select Rows with Identical Value](#).

Basic Data - MARA (10)		Logistic DC & Stores - MARC (0)		Basic Retail - MAW1 (0)		Unit of Measure - MARM	
<div><div>Remove</div><div>Generate Article Numbers</div></div>							
<input type="checkbox"/>	I..	Article Number (MATNR)	<input type="checkbox"/>	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTP)
<input checked="" type="checkbox"/>		MAT000001	<input type="checkbox"/>		MC210102	HAWA	Single material
<input checked="" type="checkbox"/>		MAT000002	<input type="checkbox"/>		MC210102	HAWA	Single material
<input checked="" type="checkbox"/>		MAT000003	<input type="checkbox"/>		MC210102	HAWA	Single material
<input type="checkbox"/>		MAT000004	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input type="checkbox"/>		MAT000005	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000006	<input type="checkbox"/>		MC210102	HAWA	Single material
<input checked="" type="checkbox"/>		MAT000007	<input type="checkbox"/>		MC210102	HAWA	Single material
<input type="checkbox"/>		MAT000008	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000009	<input type="checkbox"/>		MC210102	HAWA	Single material
<input type="checkbox"/>		MAT000010	<input type="checkbox"/>		MC210102	ZFMS	Single material

4. Right-click on the column with Material Type “ZFMS” and select the “Copy Value to Selected Rows” option.

Basic Data - MARA (10)

Logistic DC & Stores - MARC (0)

Basic Retail - MAW1 (0)

Unit of Measure - MARM

Remove

Generate Article Numbers

<input type="checkbox"/>	I..	Article Number (MATNR)	<input type="checkbox"/>	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTP)
<input checked="" type="checkbox"/>		MAT000001	<input type="checkbox"/>		MC210102	HAWA	Single material
<input checked="" type="checkbox"/>		MAT000002	<input type="checkbox"/>		MC210102	HAWA	Single material
<input checked="" type="checkbox"/>		MAT000003	<input type="checkbox"/>		MC210102	HAWA	Single material
<input type="checkbox"/>		MAT000004	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input type="checkbox"/>		MAT000005	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000006	<input type="checkbox"/>		MC210102	HAWA	Single material
<input checked="" type="checkbox"/>		MAT000007	<input type="checkbox"/>		MC210102	HAWA	Single material

Select Rows with Identical Value

Copy Value to Selected Rows...

Generate

Copy Row Template...

Copy Row...

Display Quick Help

5. Check if the selected rows are updated with the “ZFMS” value as displayed in the following screen.

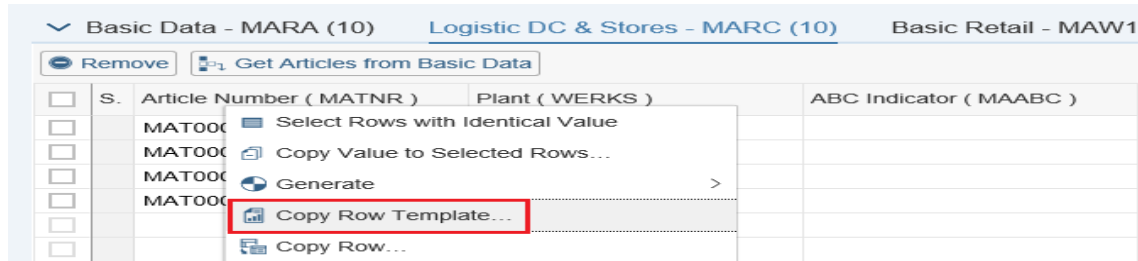
Basic Data - MARA (10)		Logistic DC & Stores - MARC (0)		Basic Retail - MAW1 (0)		Unit of Measure - MARM	
<div>Remove</div>		<div>Generate Article Numbers</div>					
<input type="checkbox"/>	I..	Article Number (MATNR)	<input type="checkbox"/>	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTP)
<input checked="" type="checkbox"/>		MAT000001	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000002	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000003	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input type="checkbox"/>		MAT000004	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input type="checkbox"/>		MAT000005	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000006	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000007	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input type="checkbox"/>		MAT000008	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input checked="" type="checkbox"/>		MAT000009	<input type="checkbox"/>		MC210102	ZFMS	Single material
<input type="checkbox"/>		MAT000010	<input type="checkbox"/>		MC210102	ZFMS	Single material

Copy Row Template


“Copy Row Template” feature is to copy selected row to a new row with only the Article number. This functionality is available for all the tables in the Create and Change schemas. This is available in the context menu.

Use the following steps to copy the row template.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Right-click on the Article to be copied and select the “Copy Row Template” option.



4. Check if the Material Number (MATNR) is copied to the next row.



The screenshot shows the SAP RMP interface with the 'Logistic DC & Stores - MARC (10)' table. The 'Article Number (MATNR)' column shows the value 'MAT000010' copied to the next row, highlighted with a red rectangle.

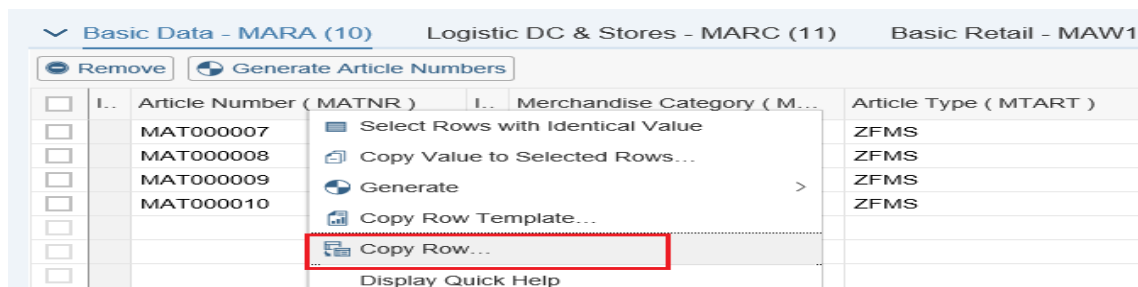
S.	Article Number (MATNR)	Plant (WERKS)	ABC Indicator (MAABC)	MRP
<input type="checkbox"/>	MAT000007			
<input type="checkbox"/>	MAT000008			
<input type="checkbox"/>	MAT000009			
<input type="checkbox"/>	MAT000010			
<input type="checkbox"/>	MAT000010			

Copy Row

“Copy Row” feature is to copy the entire table row to next line. This functionality copies the column values to the next row. It is available for all the tables in the Create and Change schemas. This is available in the context menu.

Use the following steps to copy row.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Right-click on the Article to be copied and choose the option “Copy Row”.



4. Check if the selected Article with all the columns is copied to the next row.

Basic Data - MARA (10)		Logistic DC & Stores - MARC (11)		Basic Retail - MAW1 (0)		Unit of Measure - MARM	
<input type="button" value="Remove"/>		<input type="button" value="Generate Article Numbers"/>					
<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTYP)	
<input type="checkbox"/>		MAT000007	<input type="checkbox"/>	MC210102	ZFMS	Single material	
<input type="checkbox"/>		MAT000008	<input type="checkbox"/>	MC210102	ZFMS	Single material	
<input type="checkbox"/>		MAT000009	<input type="checkbox"/>	MC210102	ZFMS	Single material	
<input type="checkbox"/>		MAT000010	<input type="checkbox"/>	MC210102	ZFMS	Single material	
<input type="checkbox"/>		MAT000010	<input type="checkbox"/>	MC210102	ZFMS	Single material	

Remove Row

“Remove” feature is to remove records from UI. It is feature is available for all the tables in the Create, Change, and Listing schemas.

Use the following steps to remove records from UI.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Select the Articles to be removed and choose the option “Remove”.

Basic Data-MARA (5)		Logistic DC & Stores-MARC (17)		Basic Retail-MAW1 (5)	
<input type="button" value="Remove"/>		<input type="button" value="Generate Article Numbers"/>			
<input type="checkbox"/>	S.	Material (MATNR)	Env. relevant (KZUMW)	Material type (MTART)	
<input checked="" type="checkbox"/>		79	<input type="checkbox"/>	ZFMS	
<input checked="" type="checkbox"/>		86	<input type="checkbox"/>	ZFMS	
<input type="checkbox"/>		89	<input type="checkbox"/>	ZFMS	
<input type="checkbox"/>		90	<input type="checkbox"/>	ZFMS	
<input type="checkbox"/>		91	<input type="checkbox"/>	ZFMS	

Basic Data-MARA (3)		Logistic DC & Stores-MARC (17)		Basic Retail-MAW1 (5)	
<input type="button" value="Remove"/>		<input type="button" value="Generate Article Numbers"/>			
<input type="checkbox"/>	S.	Material (MATNR)	Env. relevant (KZUMW)	Material type (MTART)	
<input type="checkbox"/>		89	<input type="checkbox"/>	ZFMS	
<input checked="" type="checkbox"/>		90	<input type="checkbox"/>	ZFMS	
<input type="checkbox"/>		91	<input type="checkbox"/>	ZFMS	

Change Request Check Process

Check process starts with a confirmation message to indicate that the process would take some time. It has a UI Progress bar with automatic refresh which displays Articles processed versus total number of Articles and a Status bar with automatic refresh which shows the success and error percentage against the processed articles. This feature also has an automatic alerting and removal of locked articles.

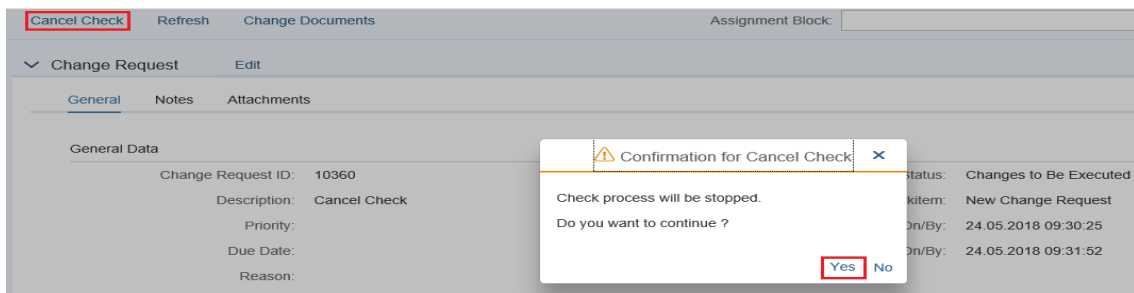
Cancel Check

You can stop the check process at any point of time by using “Cancel Check” while the check is in progress.

Use the following steps to cancel the check process while running.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Check Data: Refer [Check Data](#)
4. Click on the “Cancel Check” button.
The confirmation for cancel check pop up is displayed.
5. Click on “Yes” and continue.

The check process is stopped.



Auto Generate Features

This feature includes various generate features as listed below.

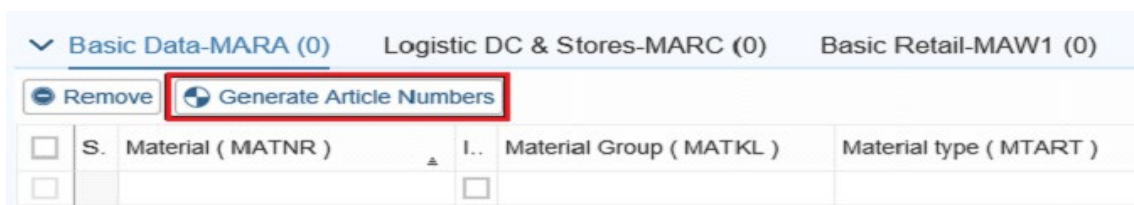
- [Generate Article Numbers](#)
- [Get Articles from Basic Data](#)
- [Generate Article Info Characteristics](#)
- [Generate Article Variant Restrictions](#)
- [Generate Article Variants](#)
- [BOM table - Generate Components for Prepack](#)

Generate Article Numbers

Generate Article numbers is to bring the unique Articles to MARA table in mass create scenario.

Use the following steps to generate Article Numbers.

1. Launch RMP: Refer [Launch RMP](#).
2. Navigate to MARA tab and click on the "Generate Article Numbers" button as displayed in the following screen.



3. For Single Article, Enter Article Number Prefix, Start Number, Number of Articles, Material Group, Article type and Material Category as displayed in the following screen.



4. Verify the Articles generated in MARA tab with basic data.

Basic Data - MARA (5)		Logistic DC & Stores - MARC (0)		Basic Retail - MAW1 (0)		Unit of Measure - MARM (0)	
<div><div>Remove</div><div>Generate Article Numbers</div></div>							
<input type="checkbox"/>	S. Material (MATNR)	I..	Material Group (MATKL)	Material type (MTART)	Matl Category (ATTYP)		
<input type="checkbox"/>	<div><div></div>ART000001</div>	<input type="checkbox"/>	MC210101	ZFMS	Single material		
<input type="checkbox"/>	<div><div></div>ART000002</div>	<input type="checkbox"/>	MC210101	ZFMS	Single material		
<input type="checkbox"/>	<div><div></div>ART000003</div>	<input type="checkbox"/>	MC210101	ZFMS	Single material		
<input type="checkbox"/>	<div><div></div>ART000004</div>	<input type="checkbox"/>	MC210101	ZFMS	Single material		
<input type="checkbox"/>	<div><div></div>ART000005</div>	<input type="checkbox"/>	MC210101	ZFMS	Single material		
<input type="checkbox"/>		<input type="checkbox"/>					

5. For Generic Article, enter Variant Class Type and Variant Creation Class along with other fields as displayed in the following screen.

Generate Article Number

Article Number Prefix:

Start Number:

Number of Articles:

Internal Number Flag: ☐

Material Group:

Article Type:

Material Category:

Variant Class Type:

Variant Creation Class:

Ok Cancel

6. Verify the Articles generated in MARA tab with variant data.

<div><div><div><div></div><div>Remove</div></div><div><div></div><div>Generate Article Numbers</div></div></div><div></div></div>											<div><div></div><div></div></div>	
<div><div></div><div></div></div>	S.	Material (M...	<div><div></div><div></div></div>	I.	Material Gr...	Material...	Matl Category (...)	O...	Supply source (BWSCL)	C.	Variant Class (CLASS_V...	Var. Class Type (KLART...
<div><div></div><div></div></div>	<div><div></div><div></div></div>	MAT000001	<div><div></div><div></div></div>	<div><div></div><div></div></div>	MC210101	ZFMS	Generic mat... <div><div></div><div></div></div>				ZVAR	300
<div><div></div><div></div></div>	<div><div></div><div></div></div>	MAT000002	<div><div></div><div></div></div>	<div><div></div><div></div></div>	MC210101	ZFMS	Generic mat... <div><div></div><div></div></div>				ZVAR	300
<div><div></div><div></div></div>	<div><div></div><div></div></div>	MAT000003	<div><div></div><div></div></div>	<div><div></div><div></div></div>	MC210101	ZFMS	Generic mat... <div><div></div><div></div></div>				ZVAR	300
<div><div></div><div></div></div>	<div><div></div><div></div></div>	MAT000004	<div><div></div><div></div></div>	<div><div></div><div></div></div>	MC210101	ZFMS	Generic mat... <div><div></div><div></div></div>				ZVAR	300
<div><div></div><div></div></div>	<div><div></div><div></div></div>	MAT000005	<div><div></div><div></div></div>	<div><div></div><div></div></div>	MC210101	ZFMS	Generic mat... <div><div></div><div></div></div>				ZVAR	300
<div><div></div><div></div></div>			<div><div></div><div></div></div>	<div><div></div><div></div></div>			<div><div></div><div></div></div>					

Get Articles from Basic Data

Get Articles from Basic Data is to bring the unique Articles from MARA tab to the other tabs.

Use the following steps to get Articles from Basic Data.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Navigate to MARA tab and find Article Numbers listed as displayed in the following screen.

Basic Data - MARA (5)		Logistic DC & Stores - MARC (0)	
<input type="button" value="Remove"/>	<input type="button" value="Generate Article Numbers"/>		
<input type="checkbox"/>	S. Material (MATNR)	<input type="checkbox"/>	I.. Material Group (MATKL)
<input type="checkbox"/>	ART000010	<input type="checkbox"/>	
<input type="checkbox"/>	ART000011	<input type="checkbox"/>	
<input type="checkbox"/>	ART000012	<input type="checkbox"/>	
<input type="checkbox"/>	ART000013	<input type="checkbox"/>	
<input type="checkbox"/>	ART000014	<input type="checkbox"/>	

4. Navigate to another tab and click on "Get Articles from Basic Data".

Basic Data-MARA (5)		Logistic DC & Stores-MARC (0)	
Remove		Get Articles from Basic Data	
<input type="checkbox"/>	S.	Material (MATNR)	Plant (WERKS)
<input type="checkbox"/>			
<input type="checkbox"/>			

5. Check the Materials (Articles) from MARA table are listed under Logistic DC & Stores-MARC tab.

Basic Data-MARA (5)		Logistic DC & Stores-MARC (5)	
Remove		Get Articles from Basic Data	
<input type="checkbox"/>	S.	Material (MATNR)	Plant (WERKS)
<input type="checkbox"/>		ART000010	
<input type="checkbox"/>		ART000011	
<input type="checkbox"/>		ART000012	
<input type="checkbox"/>		ART000013	
<input type="checkbox"/>		ART000014	

Generate Article Info Characteristics

This feature is to generate the Info Characteristics based on Merchandise Category and Characteristic Profile in the AUSP tab. This is available in the context menu under Generate.

Use the following steps to generate Article Info Characteristics.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Select the Articles for which the Info Characteristics needs to be generated.

Basic Data - MARA (3)

Logistic DC & Stores - MARC (0)

Basic Retail - MAW1 (3)

Unit of Measure - I

Remove

Generate Article Numbers

<input type="checkbox"/>	I..	Article Number (MATNR)	Env. relevant (KZUMW)	Article Type (MTART)	Merchandise Category (M
<input type="checkbox"/>		MARASA16	<input type="checkbox"/>	FASH	MC210101
<input checked="" type="checkbox"/>		MARASA17	<input type="checkbox"/>	FASH	MC210101
<input checked="" type="checkbox"/>		MARASA18	<input type="checkbox"/>	FASH	MC210101

4. Right-click and choose the option “Generate > Article Info Characteristics” as displayed in the following screen.

Basic Data - MARA (3)

Remove

Generate Article Numbers

<input type="checkbox"/>	I..	Article Number (MATNR)	Env. relevant (KZUMW)	Article Type (MTART)	Merchandise Category (M
<input type="checkbox"/>		MARASA16	<input type="checkbox"/>	FASH	MC210101
<input checked="" type="checkbox"/>		MARASA17	<input type="checkbox"/>	FASH	MC210101
<input checked="" type="checkbox"/>		MARASA18	<input type="checkbox"/>	FASH	MC210101
<input type="checkbox"/>			<input type="checkbox"/>		

Select Rows with Identical Value

Copy Value to Selected Rows...

Generate

Copy Row Template...

Copy Row...

Display Quick Help

More Field Help...

Basic Retail - MAW1 (3)

Article Info Characteristics...

Article Variant Restrictions...

Article Variants...

MC210101

5. Check the success messages as displayed in the following screen.

5. Right-click and choose the option “Generate > Article Variant Restrictions” as displayed in the following screen.

<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATYP)
<input type="checkbox"/>		MARA1000001	<input type="checkbox"/>	MC2		Generic material
<input checked="" type="checkbox"/>		MARA1000002	<input type="checkbox"/>	MC2		Generic material
<input checked="" type="checkbox"/>		MARA1000003	<input type="checkbox"/>	MC2		Generic material
<input checked="" type="checkbox"/>		MARA1000004	<input type="checkbox"/>	MC2		Generic material
<input checked="" type="checkbox"/>		MARA1000005	<input type="checkbox"/>	MC2		Generic material
<input type="checkbox"/>		MARA1000006	<input type="checkbox"/>	MC2		Generic material
<input type="checkbox"/>		MARA1000007	<input type="checkbox"/>	MC2		Generic material
<input type="checkbox"/>		MARA1000008	<input type="checkbox"/>	MC2		Generic material

Select Rows with Identical Value
 Copy Value to Selected Rows...
 Generate
 Copy Row Template...
 Copy Row...
 Display Quick Help

Article Info Characteristics...
Article Variant Restrictions...
 Article Variants...

6. Check the success messages as displayed in the following screen.

Basic Data - MARA (10)							Logistic DC & Stores - MARC (0)	Basic Retail - MAW1 (0)	Unit of Measure - MARM (0)
<input type="checkbox"/>	I..	Article Number (MATNR)	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATYP)	Old		
<input type="checkbox"/>		MARA1000001	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input checked="" type="checkbox"/>		MARA1000002	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input checked="" type="checkbox"/>		MARA1000003	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input checked="" type="checkbox"/>		MARA1000004	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input checked="" type="checkbox"/>		MARA1000005	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input type="checkbox"/>		MARA1000006	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input type="checkbox"/>		MARA1000007	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input type="checkbox"/>		MARA1000008	<input type="checkbox"/>	MC210101	ZFMS	Generic material			
<input type="checkbox"/>		MARA1000009	<input type="checkbox"/>	MC210101	ZFMS	Generic material			

All 1
 Article Restrictions generated for 4 article(s)

7. Verify the Variant Creation Characteristics records generated on the Restriction Details tab for the selected Articles.

Storage Types - MLGT (0)		Forecast Data - MPOP (0)		POS - WLK2 (0)		Sales - MVKE (0)		Variant Restrictions - RESTRICT (8)	
Remove		Get Articles from Basic Data							
<input type="checkbox"/>	STATUS	Actions	Material	Characteristic Name	Characteristic Value	Value description	Characteristic Value		
<input type="checkbox"/>			MARA1000002	ZDCCOLOR					
<input type="checkbox"/>			MARA1000002	ZDCSIZE					
<input type="checkbox"/>			MARA1000003	ZDCCOLOR					
<input type="checkbox"/>			MARA1000003	ZDCSIZE					
<input type="checkbox"/>			MARA1000004	ZDCCOLOR					
<input type="checkbox"/>			MARA1000004	ZDCSIZE					
<input type="checkbox"/>			MARA1000005	ZDCCOLOR					
<input type="checkbox"/>			MARA1000005	ZDCSIZE					

Non-S/4 Scenario

In Non-S/4 scenario, the Variant Creation Characteristics are generated on the Restriction Details tab based on the Merchandise Category/Characteristic Profile maintained in the MARA tab.

<input type="checkbox"/>	Material (MATNR)	Material type (MTART)	Material Group (MATKL)	Matl Category (ATYP)	Old Matl Number (BIS...	Supply source (BW...	Char. Profile (CHARP)
<input type="checkbox"/>	MARASA20	FASH	MC210101	Single material	UH8		APPAREL_VARIANT
<input type="checkbox"/>	MARASA21	HAWA	MC210101	Single material	UH9		APPAREL_VARIANT
<input checked="" type="checkbox"/>	MARASA22	FASH	MC210101	Generic material	UH10		APPAREL_VARIANT
<input type="checkbox"/>	MARASA23	HAWA	MC210101	Single material	UH11		APPAREL_VARIANT

1 Note

To generate the Variant Creation Characteristics, follow the steps mentioned in the S/4 scenario.

Generate Article Variants

This feature is to generate the Article Variant Combinations in the General Articles Variant tab based on Restrictions (If exists in the Restriction Details tab) or on the Class and Class type. This is available in the context menu under Generate.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Select the Articles for which the Article Variant Combinations are to be generated.

<input type="checkbox"/>	Material (MATNR)	Material type (MTART)	Material Group (MATKL)	Matl Category (ATYP)	Old Matl Number (BISMT)
<input type="checkbox"/>	MARASA19	HAWA	MC210101	Single material	UH7
<input checked="" type="checkbox"/>	MARASA20	FASH	MC210101	Generic material	UH8
<input type="checkbox"/>	MARASA21	HAWA	MC210101	Single material	UH9

4. Maintain Class and Class Type for the selected Articles in the “MARA” tab as in the following screen.

<input type="checkbox"/>	ATYP	Old Matl Number (BISMT)	Supply source (BWSCL)	Char. Profile (CHARP)	Variant Class (CLASS_V...	Var. Class Type (KLART_...
<input type="checkbox"/>		UH7		APPAREL_VARIANT		
<input checked="" type="checkbox"/>		UH8		APPAREL_VARIANT	zdcvar	300

5. Right-click and select the “Generate > Article Variants” option as displayed in the following screen.

<input type="checkbox"/>	Material (MATNR)	Material type (MTART)	Material Group (MATKL)	Matl Category (ATYP)
<input type="checkbox"/>	MARASA19	HAWA		Single material
<input checked="" type="checkbox"/>	MARASA20	FASH		Generic material
<input type="checkbox"/>	MARASA21	HAWA		Single material
<input type="checkbox"/>	MARASA22	FASH		
<input type="checkbox"/>	MARASA23	HAWA		
<input type="checkbox"/>	MARASA24	FASH		
<input type="checkbox"/>	MARASA25	HAWA		

Select Rows with Identical Value
 Copy Value to Selected Rows...
 Generate
 Copy Row Template...
 Copy Row...

Article Info Characteristics...
 Article Variant Restrictions...
 Article Variants...

6. Check the success messages as displayed in the following screen.

<input type="checkbox"/>	Material (MATNR)	Material type (MTART)	Material Group (MATKL)
<input type="checkbox"/>	MARASA19	HAWA	MC210101
<input checked="" type="checkbox"/>	MARASA20	SH	MC210101
<input type="checkbox"/>	MARASA21	HAWA	MC210101
<input type="checkbox"/>	MARASA22	FASH	MC210101
<input type="checkbox"/>	MARASA23	HAWA	MC210101
<input type="checkbox"/>	MARASA24	FASH	MC210101
<input type="checkbox"/>	MARASA25	HAWA	MC210101
<input type="checkbox"/>	MARASA26	FASH	MC210101
<input type="checkbox"/>	MARASA27	HAWA	MC210101

All 1

Article Variants generated for 1 article(s)

7. Verify the Variant Creation Characteristics records generated on the Generic Article Variants tab for the selected Article.

<input type="checkbox"/>	Cross-plant CM (MATNR)	Material (VARNR)	(VARIANT_CREATE)	Characteristic (ATNAM1)	Char. Value (ATWRT1)
<input type="checkbox"/>	MARASA20	MARASA20001	<input type="checkbox"/>	ZDCCOLOR	C1
<input type="checkbox"/>	MARASA20	MARASA20002	<input type="checkbox"/>	ZDCCOLOR	C1
<input type="checkbox"/>	MARASA20	MARASA20003	<input type="checkbox"/>	ZDCCOLOR	C1
<input type="checkbox"/>	MARASA20	MARASA20004	<input type="checkbox"/>	ZDCCOLOR	C1
<input type="checkbox"/>	MARASA20	MARASA20005	<input type="checkbox"/>	ZDCCOLOR	C2
<input type="checkbox"/>	MARASA20	MARASA20006	<input type="checkbox"/>	ZDCCOLOR	C2
<input type="checkbox"/>	MARASA20	MARASA20007	<input type="checkbox"/>	ZDCCOLOR	C2
<input type="checkbox"/>	MARASA20	MARASA20008	<input type="checkbox"/>	ZDCCOLOR	C2
<input type="checkbox"/>	MARASA20	MARASA20009	<input type="checkbox"/>	ZDCCOLOR	C3
<input type="checkbox"/>	MARASA20	MARASA20010	<input type="checkbox"/>	ZDCCOLOR	C3

Generate Components for Prepack - BOM Table

Generate Components for Prepack is to generate the variant components based on the Generic Articles specified for the Prepack BOM.

Use the following steps to generate components for Prepack.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Navigate to Article BOM tab and click on the button “Generate Components for Prepack” as displayed in the following screen.

Components - BOM (0)				
Purch. Segmentation - EINS GT (0) Additional - WTADDI (0)				
<input type="button" value="Remove"/> <input type="button" value="Get Articles from Basic Data"/> <input type="button" value="Generate Components for Prepack"/>				
<input type="checkbox"/>	I.. Article Number (MATNR)	Matl Category (MATNR_A...	Component (IDNRK)	Matl Category (IDNRK_A...
<input type="checkbox"/>				

4. Check if the components are listed for pre-pack Articles as displayed in the following screen.

<input type="checkbox"/>	Material (MATNR)	Matl Category (MATNR_A...	Component (IDNRK)	Matl Category (IDNRK_A...
<input type="checkbox"/>	MARASA15	11	1445	01
<input type="checkbox"/>	MARASA15	11	1445001	02
<input type="checkbox"/>	MARASA15	11	1445002	02
<input type="checkbox"/>	MARASA15	11	1445003	02
<input type="checkbox"/>	MARASA15	11	1445004	02
<input type="checkbox"/>	MARASA16	11		
<input type="checkbox"/>	MARASA17	00		

Error handling with Change Request Log

This feature has a detailed Change Request Log with all error, warning and success messages. This also displays the error message on hovering over the Article record status indicator. Error handling feature also has an option to remove error articles from Change Request or to Move Error Articles to a New Change Request.

Data Replication

In RMP, the replication of Article from MDG Hub to connected client systems is triggered using the Data Replication Framework (DRF) in connecting with ALE.

Context-Based Adaptation (CBA)

This feature enables you to configure UI at Schema/Workflow Step/Table/Field level. You can restrict or hide certain table(s) or field(s) based on business requirements by using MDGIMG configuration.

Note:

- UI configuration/adaptation and step dependent properties are done using the RMP configuration. CBA or MDGIMG configurations are not used in RMP.

It is explained by the following examples in Mass Create schema.

- Hide Seasons tab - FSH_SEASONS_MAT
- Hide BISMT field (Old Material Number) and Disable field BWSCL (Supply Source) in MARA tab

Hide Seasons table

1. Run transaction MDGIMG and navigate to > Retail Mass Processing by Utopia > Process Modeling > Configure Properties of CR-Schema Steps > RMP CR Types are displayed as in the following screen.

Display View "RMP CR Types": Overview

Dialog Structure		RMP CR Types	
▼ RMP CR Types		Type of Chg. Request	Description (medium text)
▼ Schemas in CR Type		UGIRMP1	RFM Mass Processing
▼ Steps for CR Type		ZMASS1	RFM Mass Processing
▼ Table Property		ZMASS2	Create Mass ID 2
Fields properties			

2. Select the Change Request type as "UGIRMP1" and double-click on "Schemas in CR Type" structure.

Schemas in CR type "UGIRMP1" are displayed as displayed in the following screen.

Change View "Schemas in CR Type": Overview

Dialog Structure		Type of Chg. Request	Schemas in CR Type
▼ RMP CR Types		UGIRMP1	
▼ Schemas in CR Type			Mass Change Schema
▼ Steps for CR Type			UGIRMP_CHANGE
▼ Table Properties per CR Type			UGIRMP_CREATE
Fields properties by CR Type			UGIRMP_LISTING

3. Select the schema "UGIRMP_CREATE" and double-click on structure "Steps for CR Type". Workflow steps for CR Type are displayed.

Change View "Steps for CR Type": Overview

Dialog Structure		Type of Chg. Request	Mass Schema	Steps for CR Type
▼ RMP CR Types		UGIRMP1		
▼ Schemas in CR Type			UGIRMP_CREATE	
▼ Steps for CR Type				Step
▼ Table Properties per CR Type				Description (medium text)
Fields properties by CR Type				
				00
				Processing
				80
				Approver
				90
				Final Check
				91
				Activation
				92
				Revision
				93
				Validation
				95
				Revision Processing
				99
				Complete

4. Select the step "00" and double-click on "Table Properties per CR Type". Tables are displayed with options to hide and read-only.

Change View "Table Properties per CR Type": Overview

Dialog Structure

- RMP CR Types
 - Schemas in CR Type
 - Steps for CR Type
 - Table Properties per CR Type
 - Fields properties by CR Type

Mass Schema: UGIRMP_CREATE
 Type of Chg. Request: UGIRMP1
 Chg. Req. Step: 00

Table Name	Field Control
EINA	
EINE	
EINSGT	
FSH_SEASONS_MAT	H Hidden
MAKT	R Read Only
MALG	
MARA	
MARM	
MAW1	
MBEW	
MEAN	
MLAN	

5. Select "Field Control" option hidden for table "FSH_SEASONS_MAT".

Change View "Table Properties per CR Type": Overview

Dialog Structure

- RMP CR Types
 - Schemas in CR Type
 - Steps for CR Type
 - Table Properties per CR Type
 - Fields properties by CR Type

Mass Schema: UGIRMP_CREATE
 Type of Chg. Request: UGIRMP1
 Chg. Req. Step: 00

Table Name	Field Control
BOM	
EINA	
EINE	
EINSGT	
FSH_SEASONS_MAT	H Hidden
MAKT	
MALG	
MARA	

6. Verify the CBA changes.
- Before CBA Changes – "Seasons" tab is present in the UI.

▼ Tax - MLAN (0) **Seasons - FSH_SEASONS_MAT (0)** Purchasing-Vendor - EINA (0) Generic Variants - VARIANT (0)

Remove Get Articles from Basic Data

S.	Material (MATNR)	Country (ALAND)	Tax category (TATYP)	Tax classif. (TAXKM)

- After CBA Changes – "Seasons" tab is hidden in the UI.

▼ Tax - MLAN (0) Purchasing-Vendor - EINA (0) Generic Variants - VARIANT (0) Purchasing-Org & Site - EINE (0) Accounting - MBE

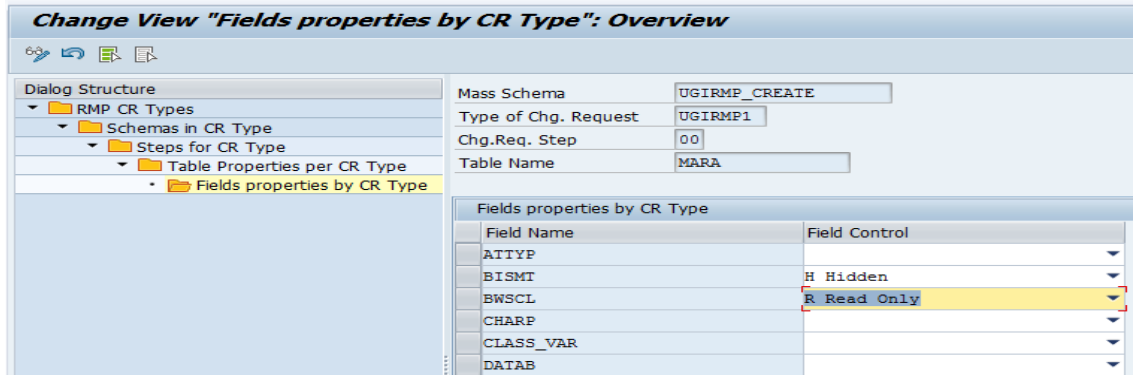
Remove Get Articles from Basic Data

S.	Material (MATNR)	Country (ALAND)	Tax category (TATYP)	Tax classif. (TAXKM)

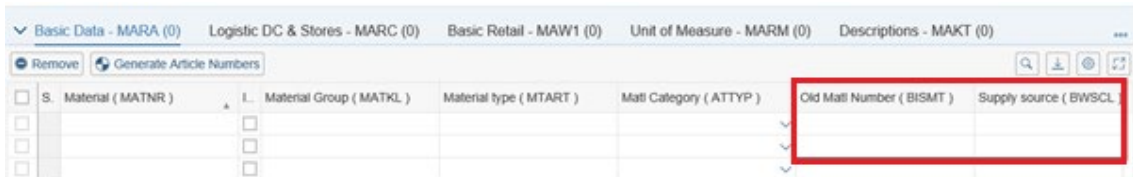
Hide BISMT field in MARA tab

Use the following steps to hide and disable fields by using CBA.

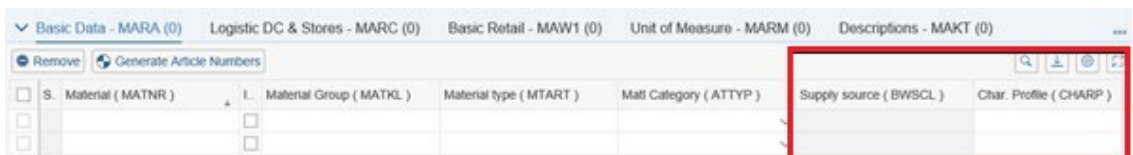
1. Use the steps as described in section [Hide Seasons table](#) to get the table list.
2. Select “MARA” table and double-click on “Fields properties by CR Type” structure.
3. Set field control as Hidden for “BISMT” field and Read Only for “BWSCL” field as displayed in the following screen.



4. Save the changes in a Change Request.
5. Verify the CBA changes.
 - Before CBA Changes – BISMT and BWSCL fields are available and enabled in the UI.



- After CBA Changes – BISMT field is hidden and BWSCL field is disabled in the UI.



Troubleshooting

The following processing options are available for Change Requests with errors.

- [Only Remove the Articles](#)
- [Move Articles to new Change Request](#)

Only Remove the Articles

Use the following steps to only remove the Articles.

1. Launch RMP: Refer [Launch RMP](#).
2. Load Datasheet: Refer [Load Data](#).
3. Check Data: Refer [Check Data](#).
4. Navigate to the Error list as displayed in the following screen.

Schema ID: Mass Create of Articles Total Articles Processed: 100% 10 / 10

[Change Request Log](#) Status: 40% **6 Errors**

▼ Basic Data - MARA (10) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (0) Unit of Measure - MARM (0) Descriptions - MAKT (0)

[Remove](#) [Generate Article Numbers](#)

ART...	Pr. Ref. Matl (PMATA)	Base Unit (MEINS)	Trans. Group (TRAGR)	Season Usage (FSH_SEALV)	Batch Mgmt Rqt (XCHPF)	Seg...
<input type="checkbox"/>				Do not use Season Year / Season	<input type="checkbox"/>	
<input type="checkbox"/>				Do not use Season Year / Season	<input type="checkbox"/>	
<input type="checkbox"/>				Do not use Season Year / Season	<input checked="" type="checkbox"/>	
<input type="checkbox"/>				Do not use Season Year / Season	<input checked="" type="checkbox"/>	

5. The following processing options are displayed.

Remove Error Articles from Change Request

Removing Error Records from Change Request. What do you want to do with these articles ?

☐ Only Remove the Articles
☐ Move Articles to new Change Request

Ok Cancel

6. Click “Only Remove the Articles” option.

The Articles with errors are removed from the Change Request as displayed in the following screen.

▼ RMP Process Edit Import from Excel Export to excel

Schema ID: Mass Create of Articles Total Articles Processed: 100% 4 / 4

[Change Request Log](#) Status: 100%

▼ Basic Data - MARA (4) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (0) Unit of Measure - MARM (0) Descriptions - MAKT (0)

[Remove](#) [Generate Article Numbers](#)

ART...	Pr. Ref. Matl (PMATA)	Base Unit (MEINS)	Trans. Group (TRAGR)	Season Usage (FSH_SEALV)	Batch Mgmt Rqt (XCHPF)	Se
<input type="checkbox"/>				Do not use Season Year / Season	<input checked="" type="checkbox"/>	
<input type="checkbox"/>				Do not use Season Year / Season	<input checked="" type="checkbox"/>	
<input type="checkbox"/>				Do not use Season Year / Season	<input checked="" type="checkbox"/>	
<input type="checkbox"/>				Do not use Season Year / Season	<input checked="" type="checkbox"/>	

All ☒ 1

☒ Error Articles Removed from Change Request

Save

Move Articles to new Change Request

Use the following steps to move Article to a new Change Request.

1. Use the steps from 1 to 4 as described in Section: [Only Remove the Articles](#)
2. Click of “Move Articles to new Change Request” option.

The Articles with errors are removed and added to a new Change Request as displayed in the following screen.

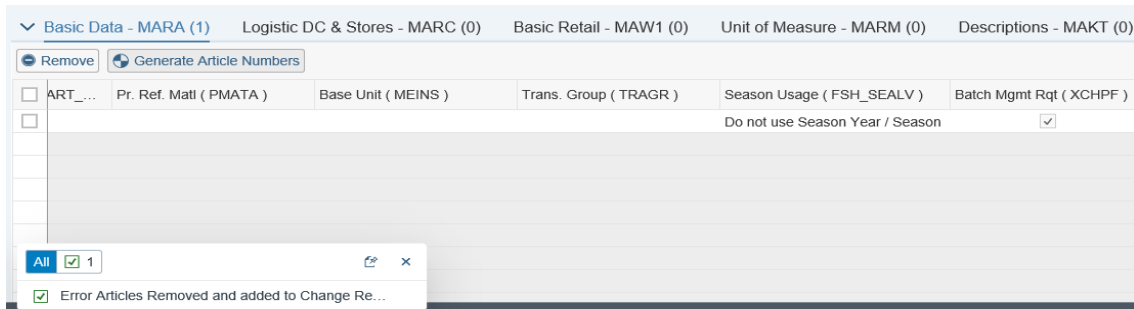
Remove Error Articles from Change Request

Removing Error Records from Change Request. What do you want to do with these articles ?

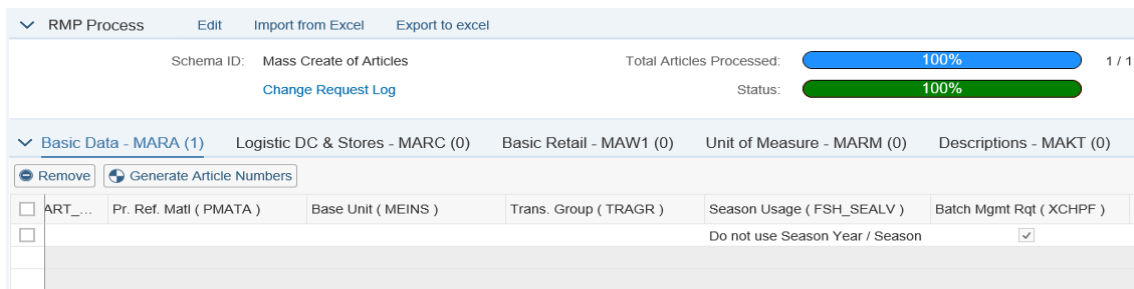
☐ Only Remove the Articles
☒ Move Articles to new Change Request

Ok Cancel

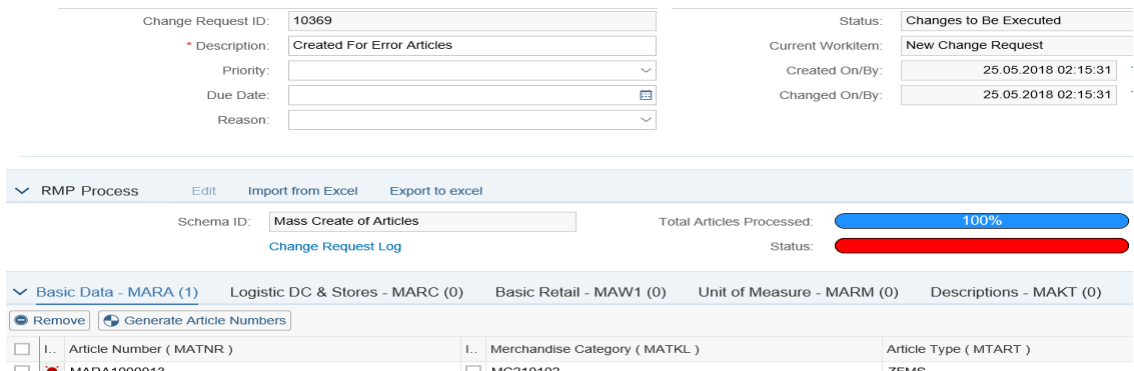
The Articles with errors are removed and added to a new Change Request.



The existing Change Request is ready to submit.



The Articles with errors are added to a new Change Request as displayed in the following screen.



Common Error Scenarios

Some of the commonly faced errors and their respective resolutions are provided as below:

- [Error 1: Invalid Data](#)
- [Error 2: Locked Article](#)
- [Error 3: Create scenario with existing Article](#)

Error 1: Invalid Data

As the status displays error in red, check the error message details by clicking the Change Request Log.

1. Click on the “Change Request Log” button as displayed in the following screen to display the error.

Schema ID: Mass Create of Articles Total Articles Processed: 100% 10 / 10

Change Request Log Status: 90% 1 Errors

Basic Data - MARA (10) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (0) Unit of Measure - MARM (0) Descriptions - MAKT (0)

Remove Generate Article Numbers

I.	Article Number (MATNR)	I.	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTYP)	Old Matl Number (BISMT)	Supply sour
<input type="checkbox"/>	MARA1000100	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input type="checkbox"/>	MARA1000101	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input type="checkbox"/>	MARA1000102	<input type="checkbox"/>	MC210102	ZFMS	Single material		

The following screen displays the error log in detail. In this example, the error is “Batch Management is mandatory”.

Article Logs				Log Messages			
	Material	Log Number	S...	Material	Message	Status	Messages
<input checked="" type="checkbox"/>	MARA1000108	00000000000002745281	✖	MARA1000108	MG 541		Material MARA1000108
<input type="checkbox"/>	MARA1000104	00000000000002745284	✔	MARA1000108	SGT_01 119	✖	Batch management is mandatory for material M...
<input type="checkbox"/>	MARA1000106	00000000000002745285	✔				
<input type="checkbox"/>	MARA1000105	00000000000002745290	✔				
<input type="checkbox"/>	MARA1000109	00000000000002745293	✔				
<input type="checkbox"/>	MARA1000103	00000000000002745294	✔				
<input type="checkbox"/>	MARA1000107	00000000000002745295	✔				
<input type="checkbox"/>	MARA1000101	00000000000002745296	✔				
<input type="checkbox"/>	MARA1000100	00000000000002745297	✔				
<input type="checkbox"/>	MARA1000102	00000000000002745299	✔				

Resolution

Reprocess Change Request with corrected data.

1. Click on the “Edit” button and correct the entered data.

Edit Refresh Check Change Documents Assignment Block: Side Panel

RMP Process Edit Import from Excel Export to excel

Schema ID: Mass Create of Articles Total Articles Processed: 100% 10 / 10

Change Request Log Status: 90% 1 Errors

Errors are rectified, and the Change Request is ready to submit.

Edit Refresh **Check** Change Documents Assignment Block: Side Panel

RMP Process Edit Import from Excel Export to excel

Schema ID: Mass Create of Articles Total Articles Processed: 100% 9 / 9

Change Request Log Status: 100%

Basic Data - MARA (10) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (0) Unit of Measure - MARM (0) Descriptions - MAKT (0)

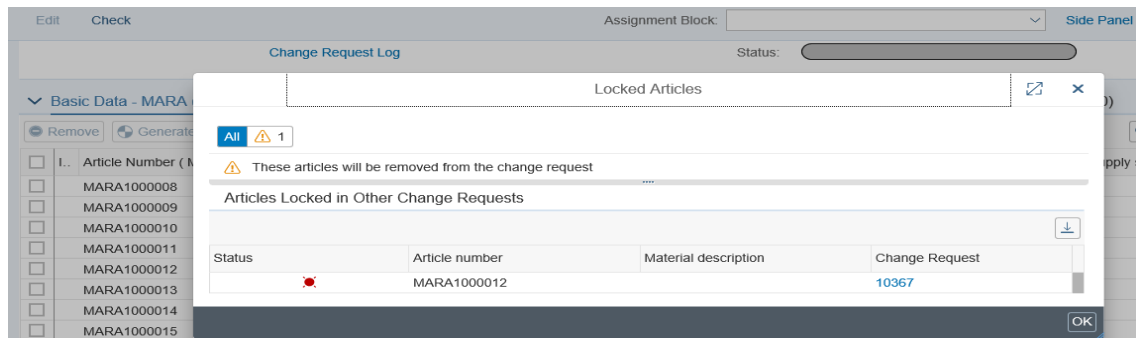
Remove Generate Article Numbers

I.	Article Number (MATNR)	I.	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTYP)	Old Matl Number (BISMT)	Supply sc
<input type="checkbox"/>	MARA1000100	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input type="checkbox"/>	MARA1000101	<input type="checkbox"/>	MC210102	ZFMS	Single material		
<input type="checkbox"/>	MARA1000102	<input type="checkbox"/>	MC210102	ZFMS	Single material		

Error 2: Locked Article

Once the data gets uploaded, click on the “Check” button to verify the data consistency.

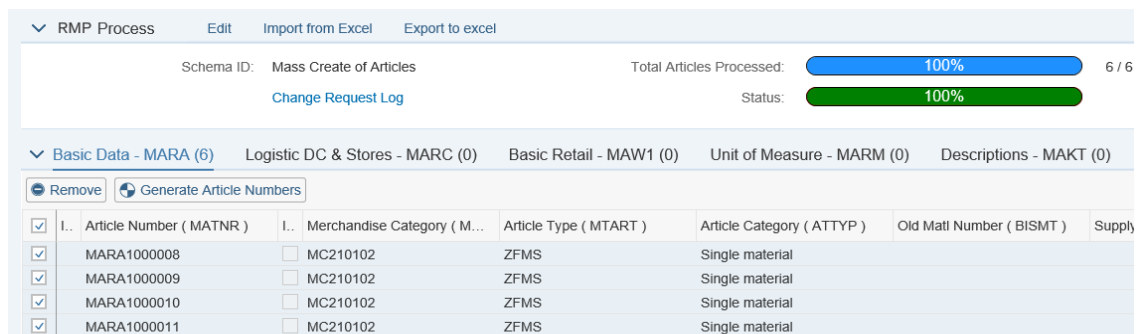
For Locked Article, the error log is displayed immediately after you click on the “Check” as displayed in the following screen.



Resolution

Locked Article is removed from the Change Request automatically. Locked Article is removed from the Change Request automatically after you click “OK” button.

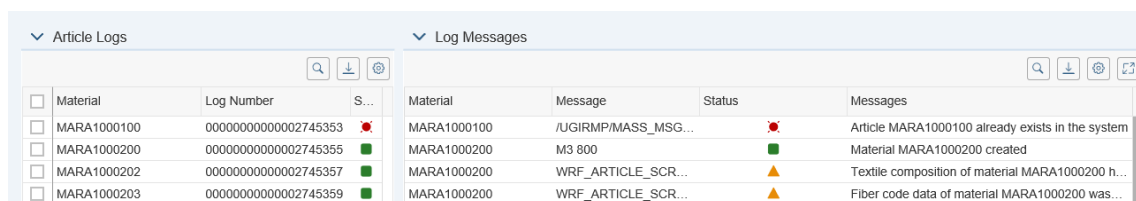
The locked Articles are removed from the Change Request and the status is changed to 100% as displayed in the following screen.



Error 3: Create scenario with existing Article

1. Click on the “Change Request Log” button.

The following screen displays the error log in detail. In this example, the error is “Article MARA1000100 already exists in the system”.



Resolution

1. Use a different Article Number and reprocess the Change Request
2. Click on the “Edit” button and correct the entered data.

The Change Request is ready to submit.

Edit Refresh Check Change Documents Assignment Block: Side

RMPProcess Edit Import from Excel Export to excel

Schema ID: Mass Create of Articles Total Articles Processed: 100%

Change Request Log Status: 100%

Basic Data - MARA (10) Logistic DC & Stores - MARC (0) Basic Retail - MAW1 (0) Unit of Measure - MARM (0) Descriptions - MAKT (0)

Remove Generate Article Numbers

<input checked="" type="checkbox"/>	I..	Article Number (MATNR)	<input type="checkbox"/>	I..	Merchandise Category (M...	Article Type (MTART)	Article Category (ATTYP)	Old Matl Number (BISMT)	S
<input checked="" type="checkbox"/>		MARA1000200	<input type="checkbox"/>		MC210102	ZFMS	Single material		
<input checked="" type="checkbox"/>		MARA1000201	<input type="checkbox"/>		MC210102	ZFMS	Single material		
<input checked="" type="checkbox"/>		MARA1000202	<input type="checkbox"/>		MC210102	ZFMS	Single material		

Appendix A: List of Tables in Mass Create/Change Schemas

Table Name	Table Description
ARTHIER	Article Hierarchy
AUSP	Characteristics
BOM	Components
EINA	Purchasing-Vendor
EINE	Purchasing-Org & Site
EINSGT	Purch. Segmentation
FSH_SEASONS_MAT	Seasons
MAKT	Descriptions
MALG	Layout Modules
MARA	Basic Data
MARC	Logistic DC & Stores
MARM	Unit of Measure
MAW1	Basic Retail
MBEW	Accounting
MEAN	GTIN
MLAN	Tax
MLEA	Vendor GTIN
MLGN	Warehouses
MLGT	Storage Types
MPOP	Forecast Data
MVKE	Sales
RESTRICT	Variant Restrictions
SGT_MADKA	Account Seg.
SGT_MARM	Weights n Vol. Seg.
SGT_MLGN	Warehouse Seg.
SGT_MLGT	Storage Seg.
SGT_MRP	MRP Segment
SGT_MRP_GN	MRP Gen Seg.
SGT_MVKE	Sales Seg.
SUBSTN	Substitution (Only for Mass Change Schema)
TXCOMP	Textile Components
TXFIBR	Textile Fiber Codes
URL	Image URL Details
VARIANT	Generic Variants
WLK2	POS
WRPL	Replenishment Details
WTADDI	Additional