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Configuration of Comprehensive Functions

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1 Configuration of Comprehensive Functions

You can use various settings to adjust how the **comprehensive functions** work.

1.1 Measures

You can make settings for the measures function here.

1.1.1 Maintaining Measure IDs

Context

You maintain the measure key table [/SAPL0M/X_MEAS_C](#) as follows:

Procedure

1. Use transaction [/n/SAPL0M/X_MEAS_C](#) to open the maintenance dialog.

Customizing Table for Measures Add-In		
MeasureID	Measure Description	Monitor
0	TEST 2	backlog monitor
1	OVERALL	comprehensive
2	COMMENT MEASURE	backlog monitor
3	XXX ID3	comprehensive
4	XXX ID4	comprehensive
5	COMMENT TEST	MRP monitor
6	MRP MEASURE	MRP monitor
7		MRP exception monitor
9		MRP monitor
10		safety stock simulation
11		Purchasingmonitor
12		Purchasingmonitor
13		lot size simulation
14		inbound monitor
15		inbound monitor
18		MRP monitor
21		MRP monitor
22		MRP monitor
23		stock development
25		lot size simulation
30		MRP monitor
32		replenishment lead time mon...
33	SERVICE LEVEL MONITOR	service level monitor
50		lean manufacturing planning...
51		lean manufacturing planning...

Customizing Table for Measures Add-In

2. Create a measure key.

You need to specify the corresponding **SCM Consulting Solution** for resubmission measures only.

1.1.1.1 Translating Measure IDs

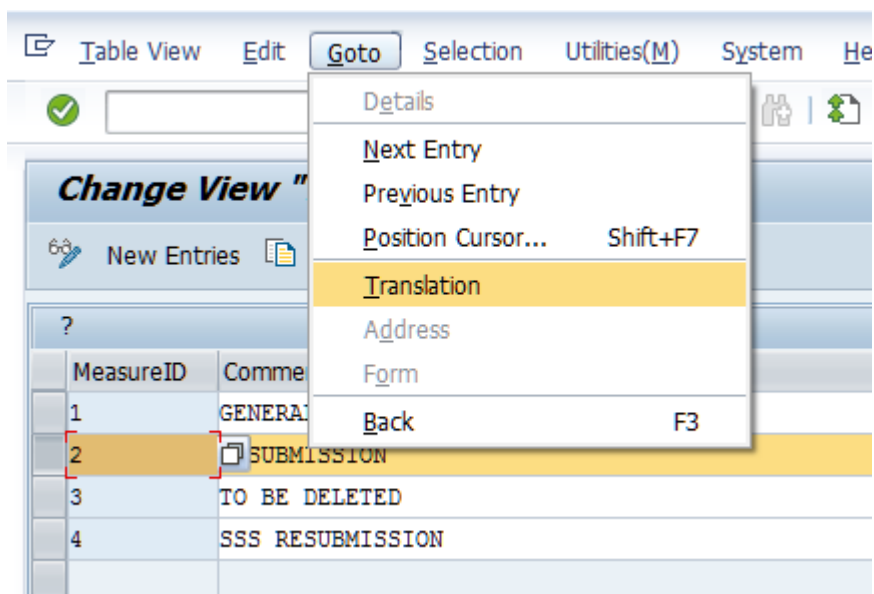
Context

You can maintain the descriptions of the measure IDs in different languages. Depending on the logon language, the corresponding translation is then displayed in the **SCM Consulting Solutions**.

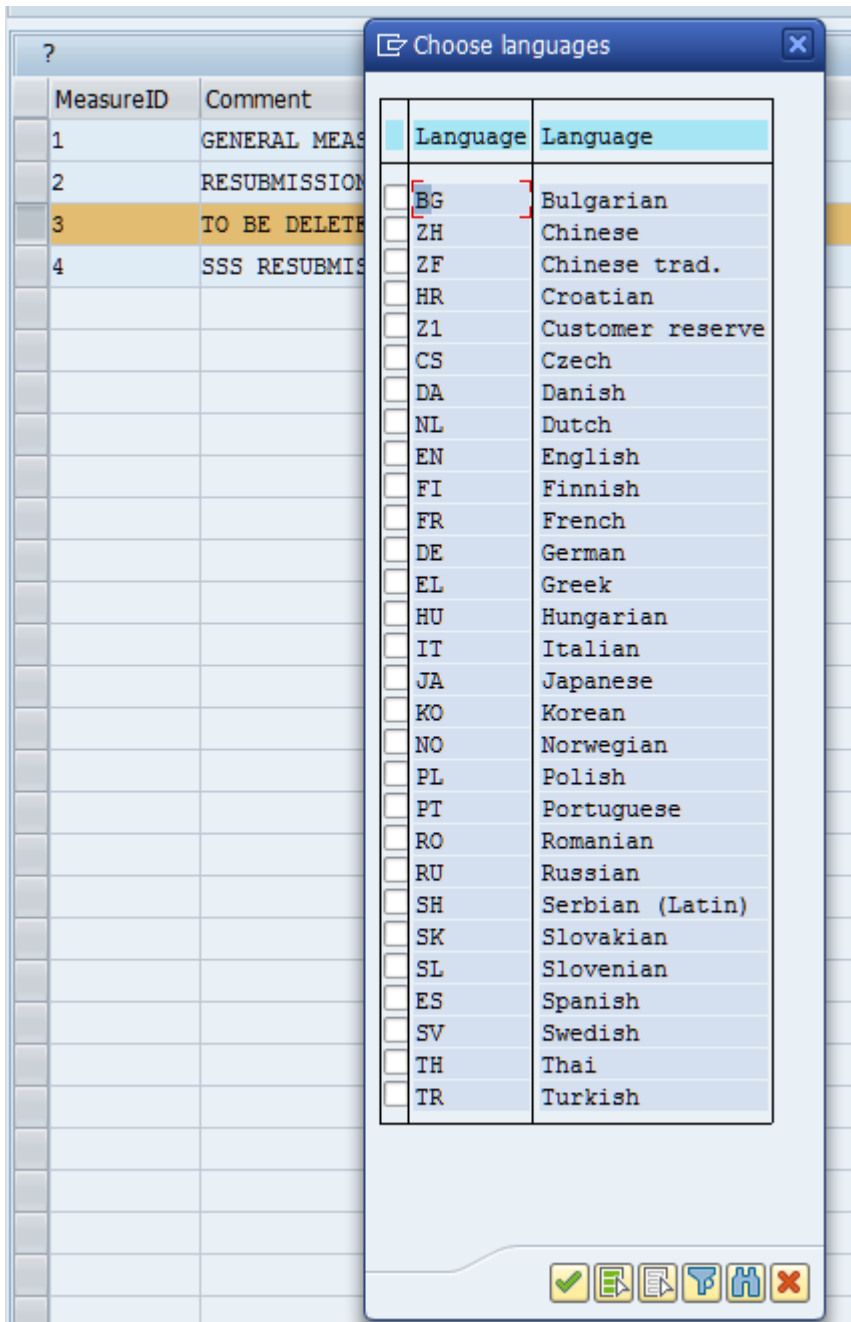
To do this, proceed as follows:

Procedure

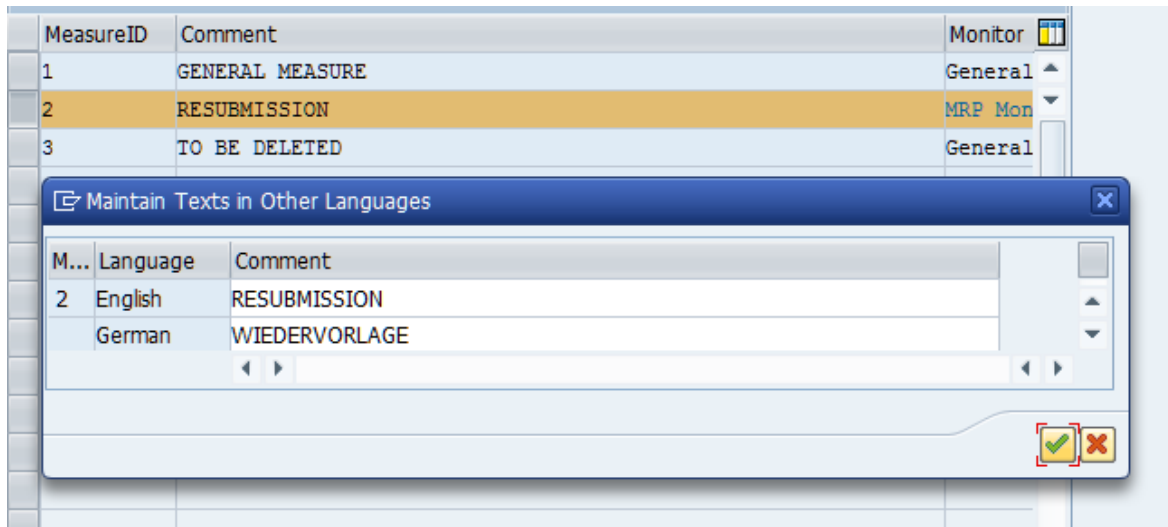
1. Select the required rows and choose *Goto -> Translation*.



2. Select the desired language and confirm.



3. Enter the desired translation and confirm.



1.1.1.2 Saving Measure IDs

Context

The introduction of the language-dependent maintenance (translation) of measure IDs has resulted in changes to the database table for the measure IDs.

⚠ Caution

You therefore need to save the *Comment* column before importing the core transport.

Procedure

1. Call the maintenance transaction `/SAPLOM/X_MEAS_C`.
2. Select the comments/names from top to bottom.

→ Tip

Choose "Ctrl" and "Y" at the same time to access selection mode.

3. Copy all selected columns to the clipboard.

→ Tip

The easiest way to do this is to choose "Ctrl" and "C" at the same time.

4. Insert the copied rows into an empty text editor file (for example, Microsoft Word) and save the file.

You have now saved your data for importing the new transport.

5. You can now import the transport.
6. To reimport, copy the data from the text editor back to the clipboard.
7. In the column, choose the *Comment* of the first row and enter the content there.

→ Tip

The easiest way to do this is to choose "Ctrl" and "V" at the same time.

8. Save the maintenance view.

Results

All comments are now assigned to the respective measure IDs again.

1.1.2 Measure Object Maintenance

The Measures objects can be managed using Transaction code /SAPL0M/MEA_OBJ_C. This transaction code is used to maintain values via maintenance view /SAPL0M/MEA_LEV and is used to activate measure objects and to set the field name value used to calculate the object id by the measure, resubmission and comment creation function. If an object is inactive, it will not be available in measure, resubmission and comment creation screen. You can activate or deactivate a measure object via 'Active' flag field.

Measure Objects			
MeasObject	Measure Object Description	Active	Field Name
BA	Purchase Requisition	<input checked="" type="checkbox"/>	BNFPO
BE	Purchase Order Item	<input checked="" type="checkbox"/>	EBELP
E1	Exception indicator 1	<input checked="" type="checkbox"/>	EXINDI
E2	Exception indicator 2	<input checked="" type="checkbox"/>	EXINDI2
E3	Exception Indicator 3	<input checked="" type="checkbox"/>	EXINDI3
E4	Exception Indicator 4	<input checked="" type="checkbox"/>	EXINDI4
E5	Exception indicator 5	<input checked="" type="checkbox"/>	EXINDI5
E6	Exception Indicator 6	<input checked="" type="checkbox"/>	EXINDI6
E7	Exception Indicator 7	<input checked="" type="checkbox"/>	EXINDI7
E8	Exception Indicator 8	<input checked="" type="checkbox"/>	EXINDI8
E9	Exception Indicator 9	<input checked="" type="checkbox"/>	EXINDI9
FE	Production Order/Process Order	<input checked="" type="checkbox"/>	AUFNR
IG	Material Group	<input checked="" type="checkbox"/>	MATKL
IH	Maintenance Order	<input checked="" type="checkbox"/>	AUFNR
IS	Info Record	<input checked="" type="checkbox"/>	INFNR
LA	Shipping Notification	<input checked="" type="checkbox"/>	EBELP
MA	Material	<input checked="" type="checkbox"/>	MATNR
MC	MRP Controller	<input checked="" type="checkbox"/>	DISPO
ME	MRP Area	<input checked="" type="checkbox"/>	BERID
MG	MRP Group	<input checked="" type="checkbox"/>	DISGR

Measure Object Maintenance

The field *Field Name* contains the field name what is used by measure, resubmission, comment creation function to set the value for Object ID field in measure, resubmission and comment tables.

→ Recommendation

Please do not change any values in column *Field Name*

❖ Example

For Measure Object **BA** we have **BNFPO** value in the field *Field Name* this means that the measure creation function will create a measure with Object Id = concatenation between values of *BANFN* and *BANFPO* fields from records of import table.

1.2 Comments

You can make settings for the comment function here.

1.2.1 Translating Column Headings for Additional Comments

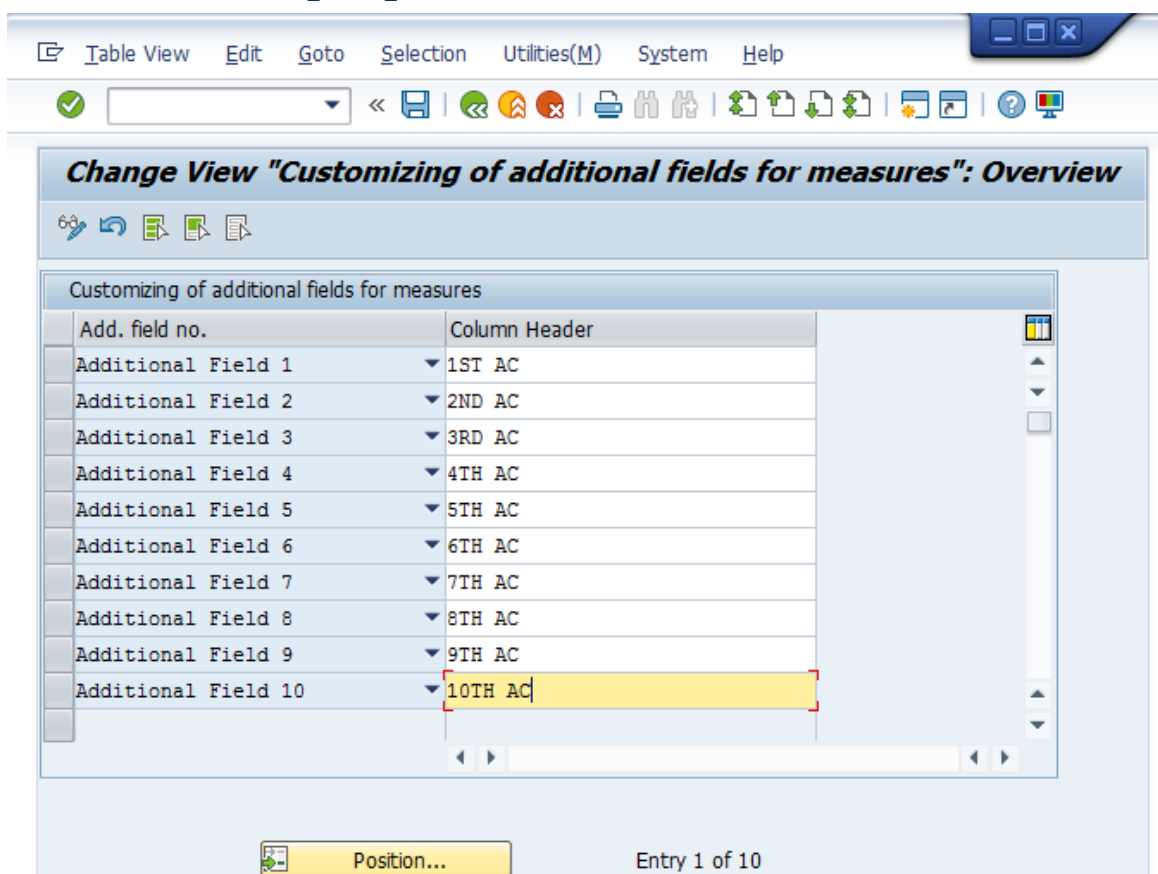
You can add up to ten additional comment columns for measures.

Context

To maintain additional comments, you need to maintain the column headings for the additional fields. To do this, perform the following steps:

Procedure

1. Call transaction `SAPLOM/X_MEAS_Z`.



Customizing Transaction for Additional Comment Fields

2. Enter your headings.

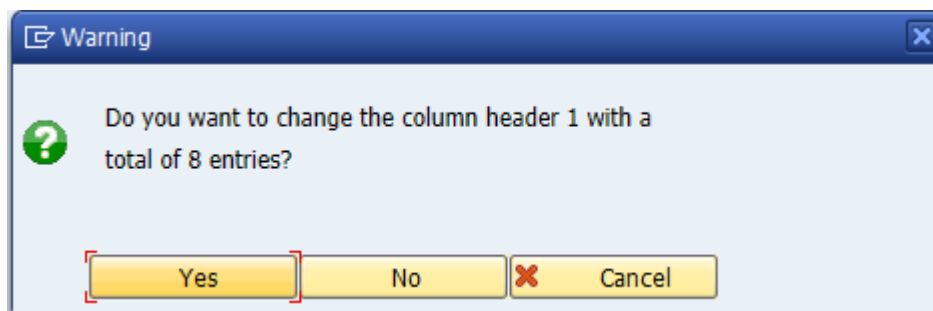
! Restriction

Column headings for additional comments may have a maximum length of 30 characters.

3. Save your data.

A dialog box appears asking whether you really want to change the heading.

⚠ Caution
Changes can lead to inconsistencies between the column heading and column content.



Warning Message

Results

The column headings are usually stored in the language in which you logged on to the system. To maintain them in other languages, follow the steps in section [Translating Column Headings for Additional Comment Fields \[page 11\]](#).

1.2.1.1 Translating Column Headings for Additional Comment Fields

You can maintain the column headings for the additional comments in various languages.

Prerequisites

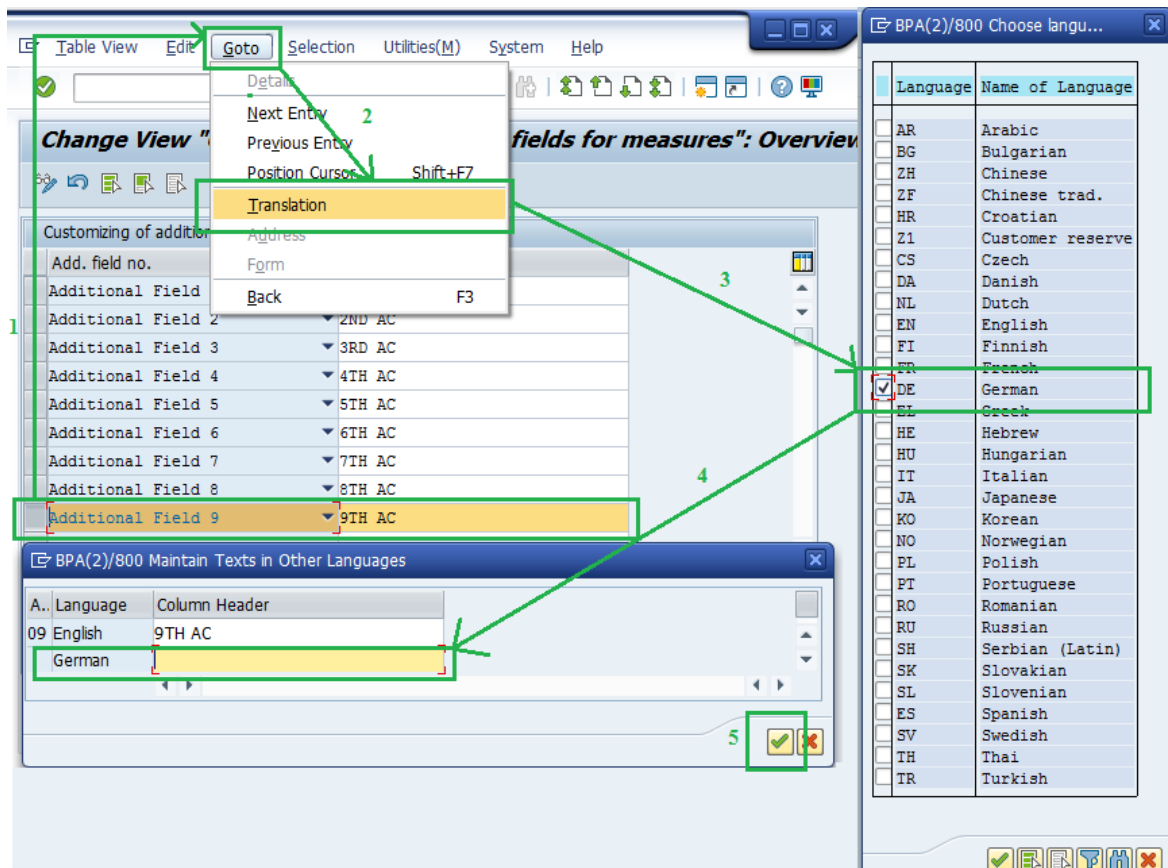
The column headings must already be created (see section [Translating Column Headings for Additional Comments \[page 10\]](#)).

Context

Open transaction `SAPLOM/X_MEAS_Z` and perform the following steps:

Procedure

1. Select an additional field.
2. Choose `Goto -> Translation`.
3. Select the language.
4. Enter the translation.
5. Confirm your entry.



Step Sequence for Translating Column Headings

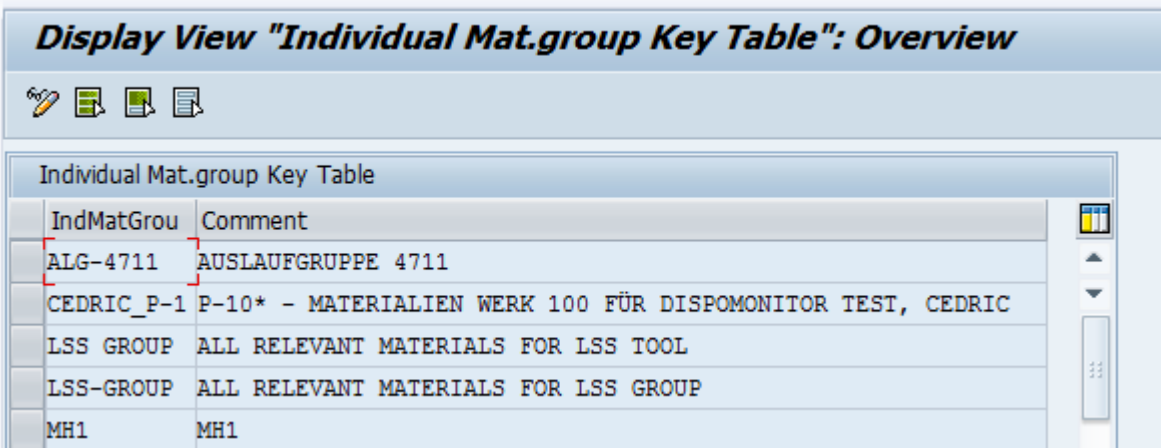
1.3 Individual Material Groups

You can make settings for individual material groups here.

1.3.1 Maintain Keys of Individual Material Groups

You access the transaction for maintaining keys for individual material groups by:

- Calling transaction `/n/SAPL0M/X_MGP_C`
- Choosing the *Overview of Material Groups* pushbutton in the maintenance program `/n/SAPL0M/X_IND_MGROUP`



Display View "Individual Mat.group Key Table": Overview

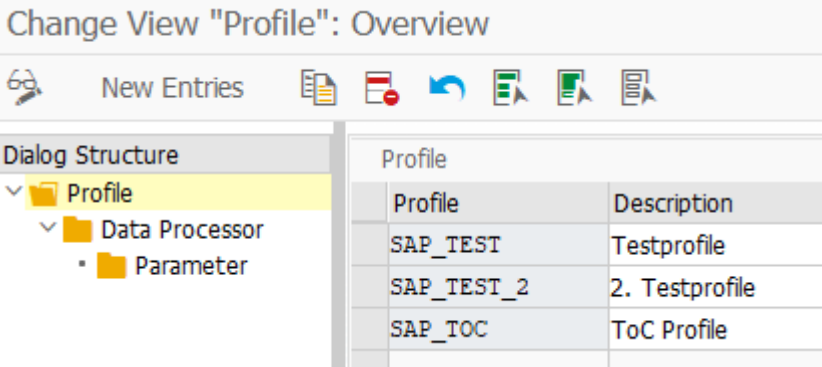
Individual Mat.group Key Table

IndMatGrou	Comment
ALG-4711	AUSLAUFGRUPPE 4711
CEDRIC_P-1	P-10* - MATERIALIEN WERK 100 FÜR DISPOMONITOR TEST, CEDRIC
LSS GROUP	ALL RELEVANT MATERIALS FOR LSS TOOL
LSS-GROUP	ALL RELEVANT MATERIALS FOR LSS GROUP
MH1	MH1

Transaction for Viewing and Maintaining Keys for Individual Material Groups

1.4 Stock/Requirements List

When you save the stock/requirements list, you can (for example, for your own key figures) integrate your own calculations. To do so, go to XMD Customizing using transaction `/SAPL0M/XMD_CUST`.



Change View "Profile": Overview

Dialog Structure

- Profile
 - Data Processor
 - Parameter

Profile

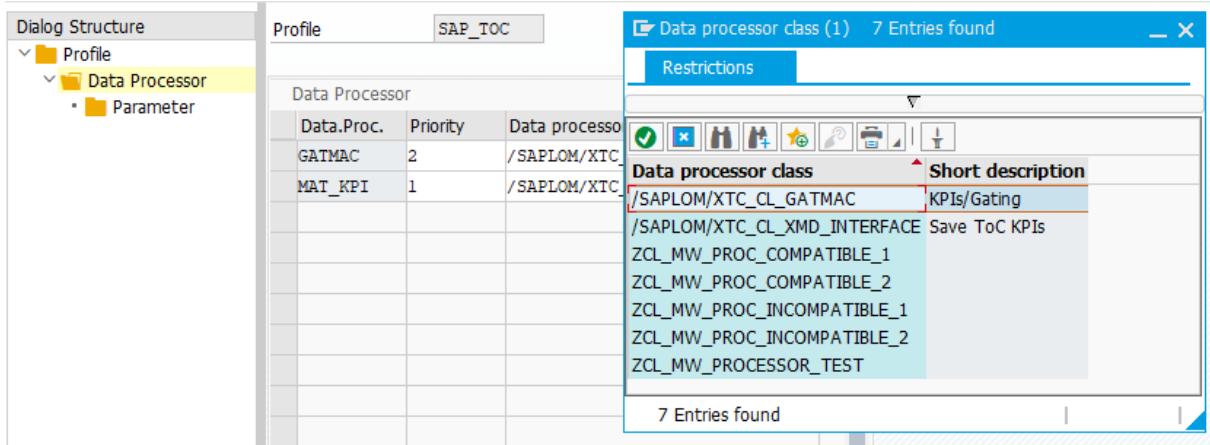
Profile	Description
SAP_TEST	Testprofile
SAP_TEST_2	2. Testprofile
SAP_TOC	ToC Profile

Change Profile

Here you can create and manage different profiles. Per execution, you can select a profile, which is included. A profile contains the settings for the available data processors.

1.4.1 Data Processor

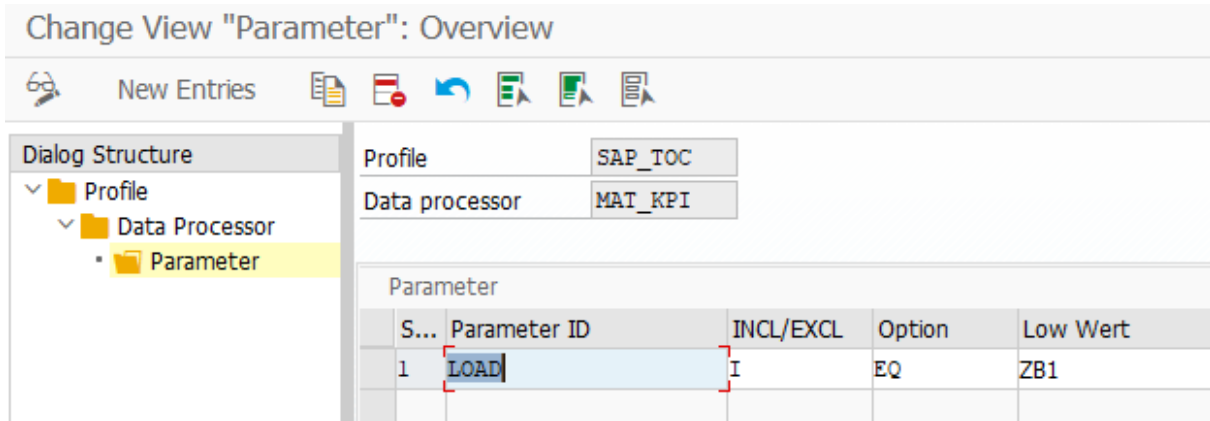
To provide additional information for the stock/requirements list, you can create various data processors. This requires the implementation of the interface "/SAPLOM/IF_XMD_DATA_PROCESSOR". As soon as a class implements this interface, it is available for selection in Customizing.



Data Processor

A data processor can also be assigned a priority. The processors are executed in the program run according to this priority.

A data processor can also use custom parameters that can be defined in Customizing.



Change parameters

2 Configuration of Material Master Update

The SCM Consulting Solutions have their own functions for updating the material master. This enables both standard fields and fields in the **enhanced material master view** to be updated. The configuration is described in the following sections.

2.1 Configuring the Flexible Material Master Update

Using the *Flexible* radio button in your **SCM Consulting Solution**, you can call up the dialog box for the flexible material master update. This gives you the option of updating or initializing selected fields by entering values manually. The configuration of this dialog box is described below.

Context

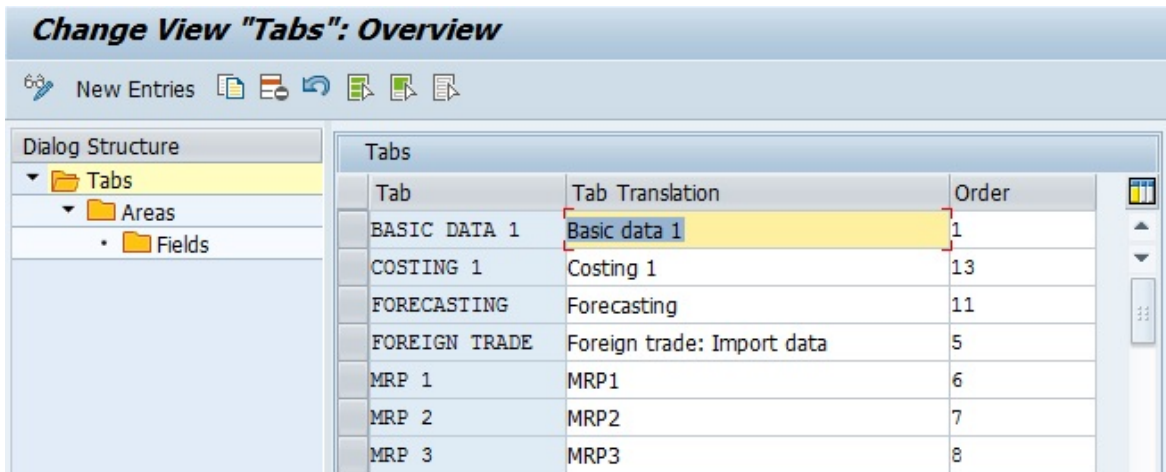
You use transaction [/SAPL0M/XMM_POPUP](#) to change the entire layout (tabs, areas, and fields) of the dialog box.

Procedure

1. Call transaction [/SAPL0M/XMM_POPUP](#).

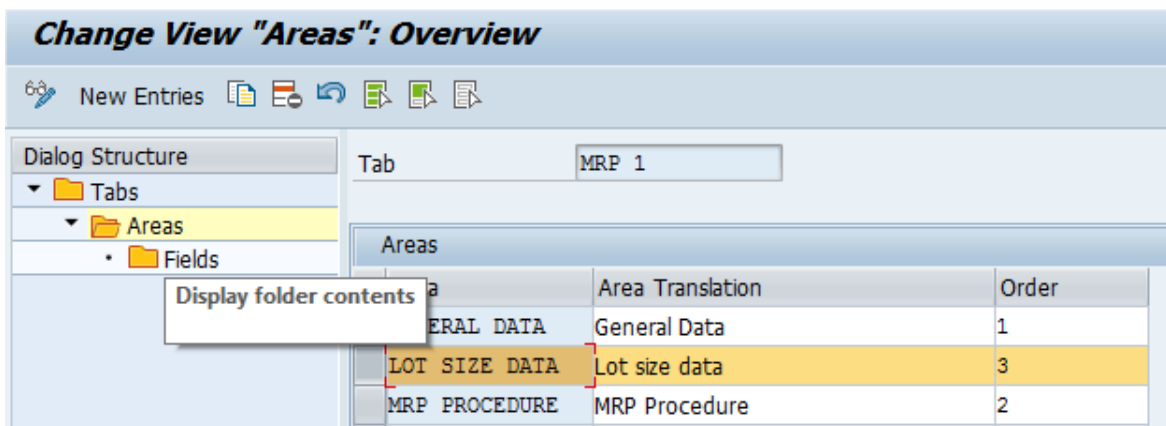
Alternatively, you can also access this transaction via transaction [SE54](#) and the following steps:

- a. In transaction [SE54](#), choose the *Edit View Cluster* button.
 - b. Enter the name of the view cluster: [/SAPL0M/XMM_TAFC](#)
 - c. Choose the *Test* button.
2. Add the missing names to the existing tabs. Specify the sequence of the tabs by means of a sequence number.



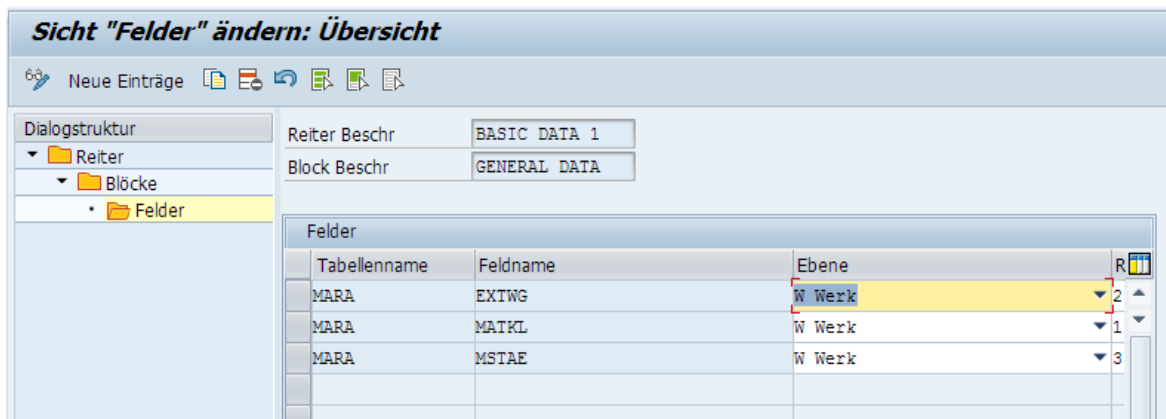
Change "Tab" View

3. If necessary, add new entries by choosing *New Entries*.
4. Select the tab you want, and double-click *Blocks* in the dialog structure.
5. Maintain the corresponding blocks within a particular tab (description and, where applicable, sequence number).



Change "Blocks"

6. Select the block you want, and double-click *Fields* in the dialog structure.
7. Maintain the fields that are to be offered to the user for input.



Change "Fields"

8. Save your changes.

Next Steps

You can also configure the flexible material master update specifically for an **SCM Consulting Solution**. To do so, use transaction .

2.2 Configuration of Rule-Based Material Master Update

You call the rule-based material master update by selecting the *Rule-Based* and *2-step, Rule-Based* radio buttons in your **SCM Consulting Solution**. This allows you to update selected materials based on defined rules. As a prerequisite, the following steps must be performed.

The rule-based material master update uses internal RFC queues to control the processing of a large quantity of materials to be updated.

- Call transaction *SMQR*.
- Choose the *Registration* pushbutton.
- In the dialog box for queue registration, enter the queue name */SAPL0M/XMM** (the asterisk at the end is important).
- Choose *Continue*.
- Check that there is an entry for */SAPL0M/XMM** in the list of registered queues.

If you are updating a large quantity of materials using the rule-based material master update, you can monitor processing using transaction *SMQ2*.

2.2.1 Configuring Rule Set Maintenance

You can configure the transaction for maintaining rule sets yourself.

There are two Customizing transactions for customer-specific adjustments to rule set maintenance (*/SAPL0M/XMM_RULE*).

Maintaining the fields for the conditions

Using transaction *SAPL0M/XMM_COND*, define the fields that are to be available as conditions. You define the table name and field name. Tables MARA, MARC, MPOP, MDMA, DPOP, MARD, MVKE, MPGD, MBEW, and */SAPL0M/MEH_MM01* are available.

Maintain the fields for the update values

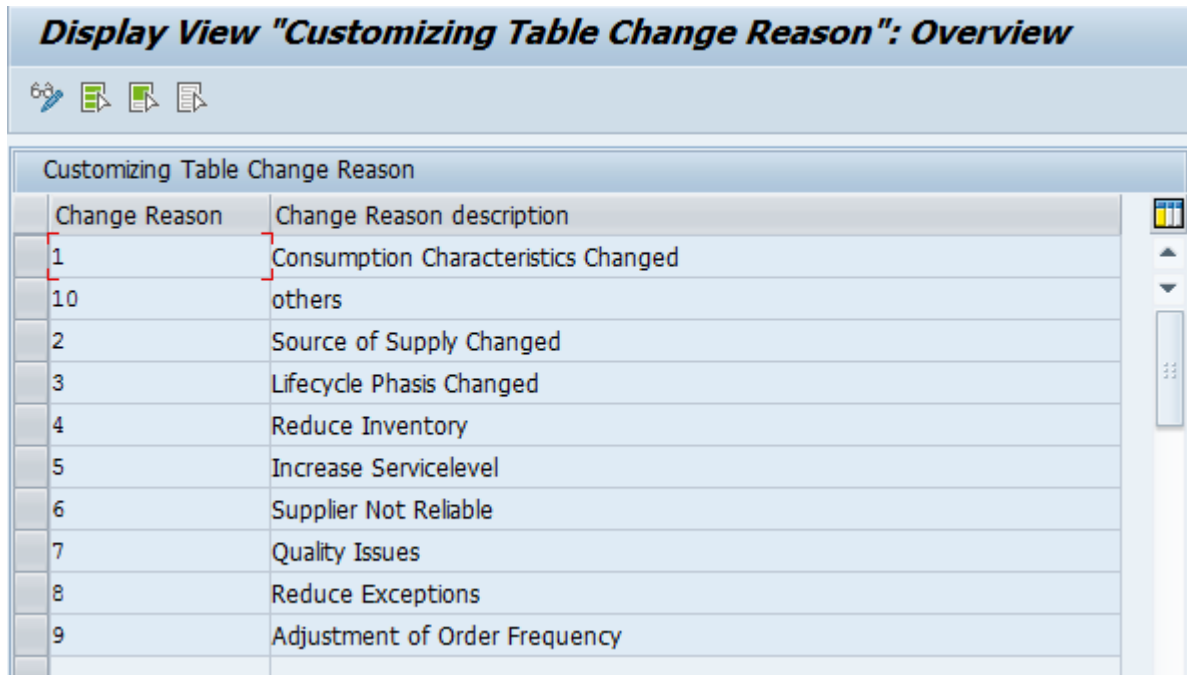
Using transaction */SAPL0M/XMM_CONS*, define the fields that are to be available as update values. You define the table name and field name. The same tables are available as were listed in the section on conditions.

2.2.2 Configuration of Change Reasons

You can specify change reasons for the rule-based material master update and configure these reasons.

Using transaction `/SAPLOM/XMM_REAS_C`, you can modify change reasons and translate them into the languages you require.

Display View "Customizing Table Change Reason": Overview



The screenshot shows the SAP Customizing Table Change Reason Overview. The table lists various change reasons with their descriptions. The first row, with ID 1 and description 'Consumption Characteristics Changed', is highlighted with a red border. The table has a scroll bar on the right side.

Change Reason	Change Reason description
1	Consumption Characteristics Changed
10	others
2	Source of Supply Changed
3	Lifecycle Phasis Changed
4	Reduce Inventory
5	Increase Servicelevel
6	Supplier Not Reliable
7	Quality Issues
8	Reduce Exceptions
9	Adjustment of Order Frequency

Customizing Table for Change Reasons

3 Enhanced Material Master View

Within the portfolio of **SCM Consulting Solutions**, the **enhanced material master view** represents the central instance for saving key figures such as the ABC/XYZ classification or other results from different Consulting Solutions. This increases transparency, and the information is arranged in a clear manner. The **enhanced material master view** also serves as the basis for exchanging data between the individual **SCM Consulting Solutions**.

The additional tab is unchanged and fully integrated into the standard SAP material master and has a separate database table in which all of the values are saved. This encapsulation ensures that the application runs smoothly, without impacting the standard SAP code. The integration is performed using standard Customizing and offers the following advantages:

- Central instance for saving key figures such as the ABC/XYZ classification or other results of the **SCM Consulting Solutions**
- Full integration into the SAP standard material master

The component for messages is `XX-PROJ-CON-MEH`.

3.1 Prerequisites

To ensure that the **enhanced material master view** can be incorporated into the SAP target system without any problems, the system must have a release level of at least ECC 6.0. In addition, the core package with the development packages `/SAPL0M/MEH` and `/SAPL0M/X` must be imported into the system beforehand.

3.2 SAP Standard Customizing

The **enhanced material master view** is incorporated into the existing material master using SAP standard Customizing. Settings within the tab are provided in the extended Customizing that is delivered with the SCM Consulting Solutions. Please follow the individual steps in the subsections.

Related Information

[Enhanced Customizing \[page 53\]](#)

3.2.1 Initial Setup

If this is the initial setup and the **enhanced material master view** has not been configured previously, you need to perform the following steps.

3.2.1.1 Step 1: Create a Screen Sequence (Optional)

A screen sequence is a sequential ordering of different tabs in the material master. Two options are available for the enhancement:

Option 1: Use an Existing Z-Screen Sequence






Depending on the configuration, you may need to incorporate the new **enhanced material master view** into an existing Z-screen sequence. In this case, you do not need to create a new screen sequence. Thus, the first step is not required, and you may proceed to step 2.

Option 2: Copy a Screen Sequence

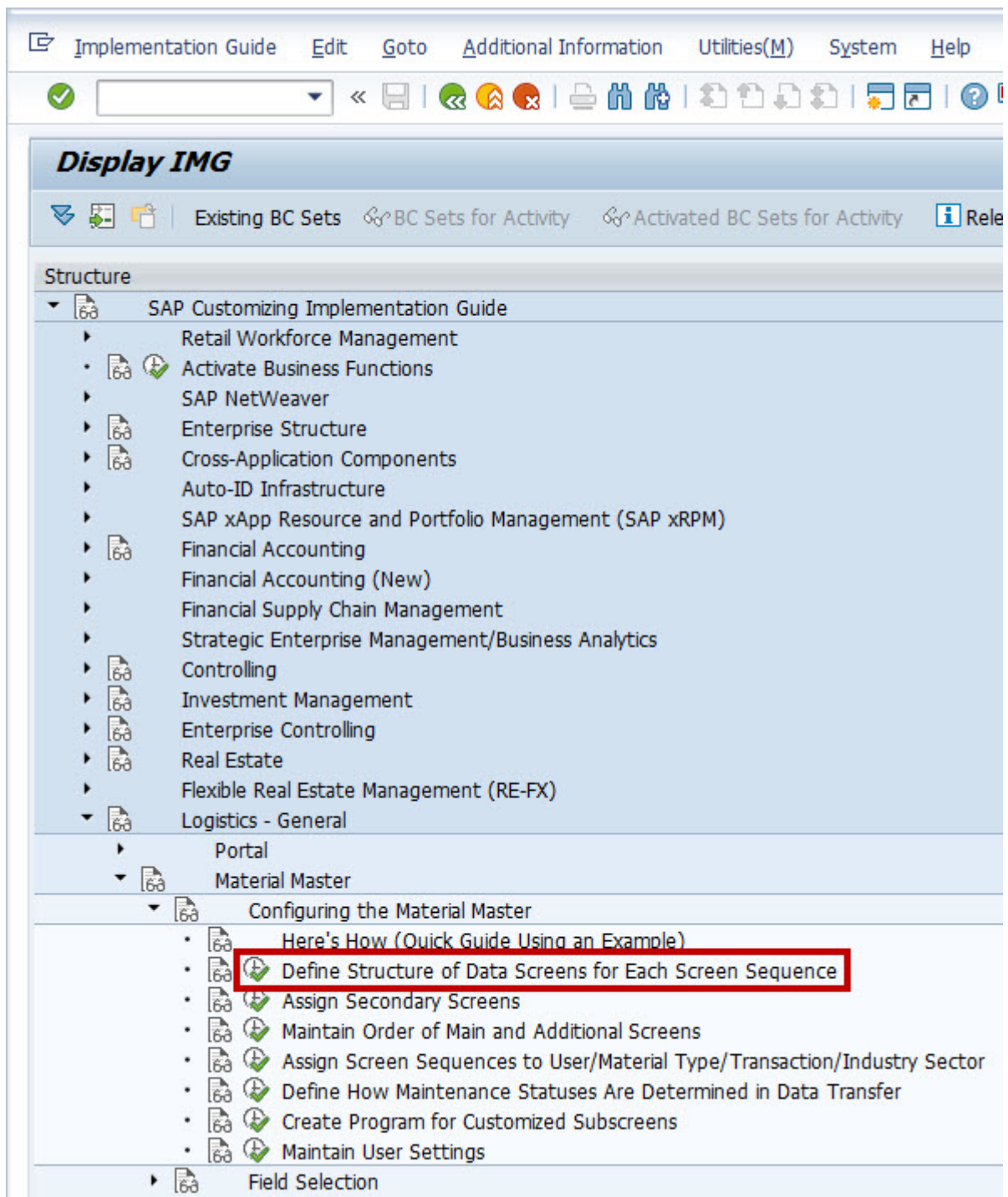
If you have previously accessed standard SAP screen sequences such as [21](#) or [23](#), or if you do not want to change an existing Z-screen sequence, you need to create a copy of the sequence in question.

Caution

Standard SAP entries must not be changed.

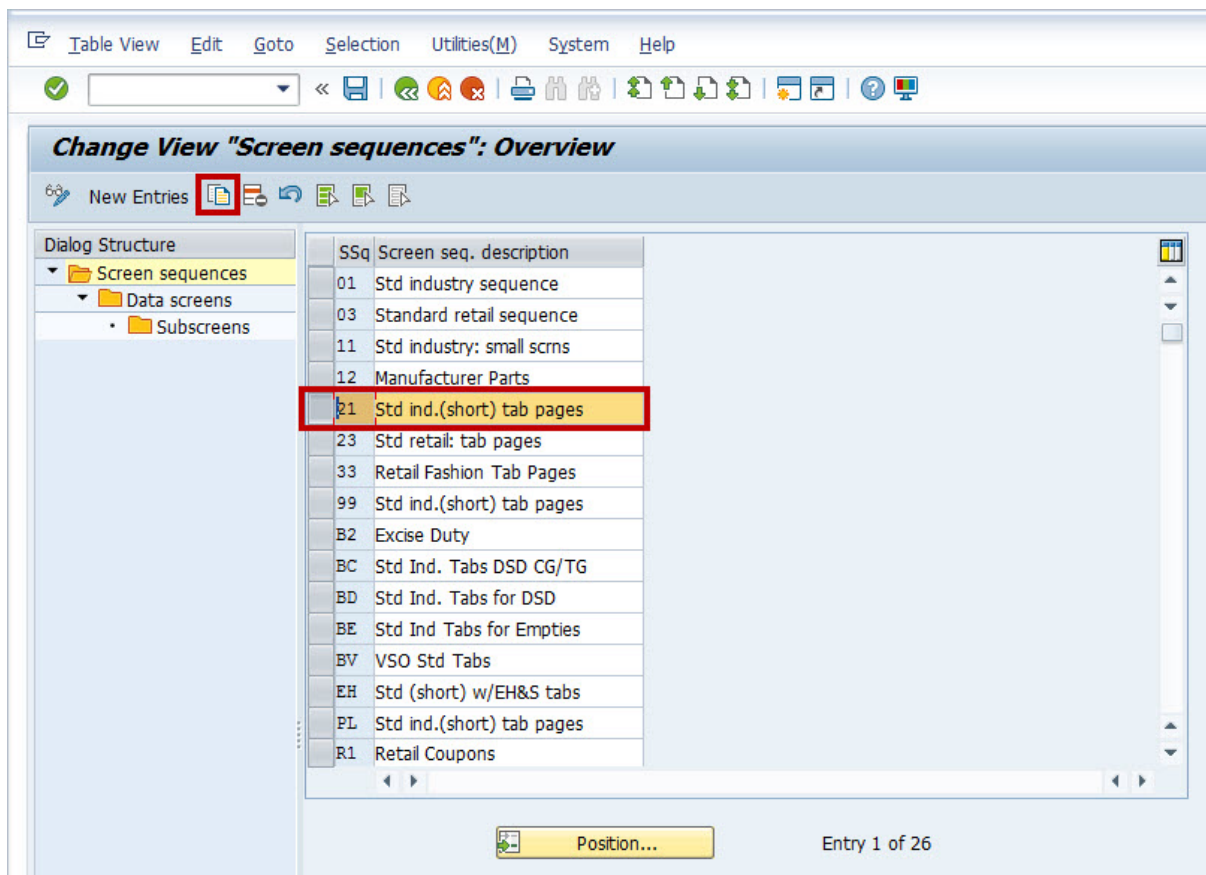
First, go to the Customizing settings by calling transaction *SPRO*. Under the path  [SAP Customizing Implementation Guide](#)  [Logistics - General](#)  [Material Master](#)  [Configuring the Material Master](#)  [Define](#)

Structure of Data Screens for Each Screen Sequence , you can create a new screen sequence or copy an existing one:



Path in Customizing

Using the Copy button, you can copy an existing screen sequence and name it accordingly. Note that the abbreviation entered for the new sequence must begin with a "Z".



Copy Screen Sequence

⚠ Caution

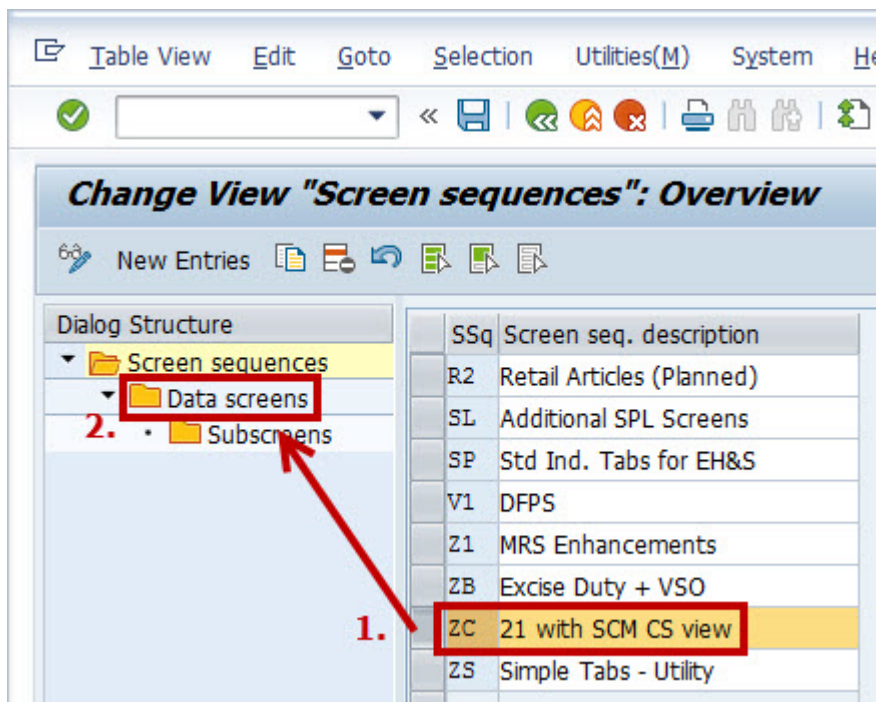
When you copy a screen sequence, the system may output an error message regarding the user settings for the organizational levels. For each user and screen sequence, certain fields such as the plant or storage location can be prefilled in transactions *MM02* or *MM03*. The advantage of this is, for example, that you do not constantly have to enter "1000" when this is the only level at which you work. You can control this yourself in the relevant transaction using the "Default Setting" pushbutton. When you copy an existing screen sequence, these default settings are also copied for the new sequence.

The error message indicates an inconsistency in the default settings. It can happen, for example, that a storage location that is no longer managed in a plant is still defined as such in the default settings, because you have not logged on to the system for a long time or changed your default settings.

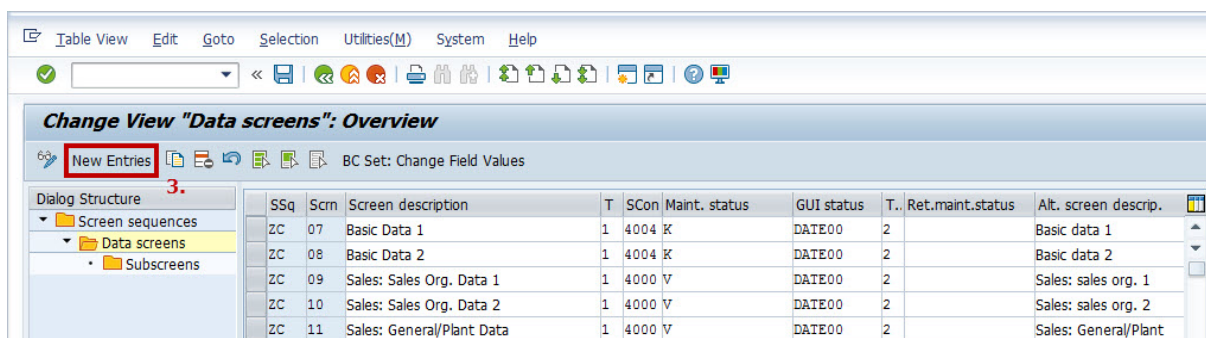
You can skip this error message by choosing the relevant pushbutton in the toolbar. Alternatively, you can cancel the copy operation, remove the inconsistency using transaction *OMT3U*, and copy the screen sequence again.

3.2.1.2 Step 2a: Create a Data Screen

You assign various data screens (tabs) to each screen sequence. After you have selected the sequence you require, create a new data screen with the values in the table below.



Selecting a Screen Sequence



Creating a New Data Screen

New Data Screen

Column	Value	Value (Retail System)
Ssq	ZC*	ZC*
Scrn	ZC*	ZC*
Screen description	SCM Consulting Solutions	SCM Consulting Solutions
T	1	1
SCon	4005	4008
Maint. status	D	D

Column	Value	Value (Retail System)
Status	DATE00	DATE00
TT	2	2
Ret.maint.status		6
Atl. Screen descrip.	SCM Consulting Sol.	SCM Consulting Sol.

→ Remember

* May vary, depending on the screen sequence or data screen selected.

Note that the data screen ID specified must start with "Z".

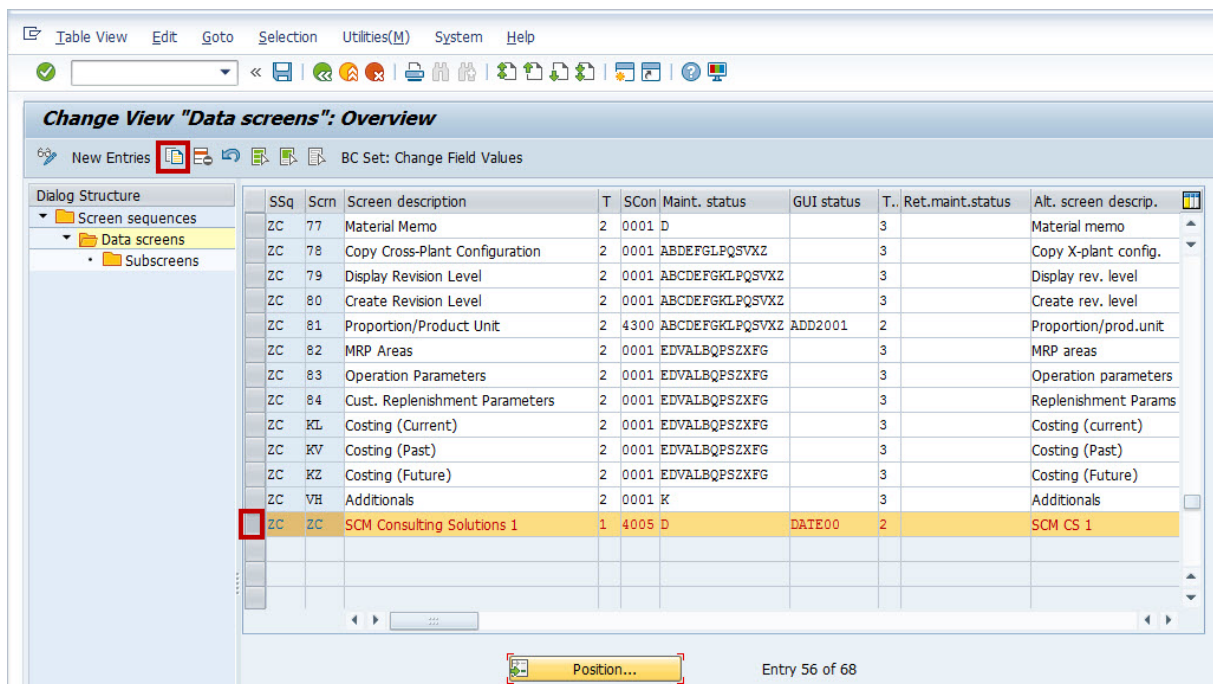
SSq	Scrn	Screen description	T	SCon	Maint. status	GUI status	T.	Ret.maint.status	Alt. screen descrip.
ZC	KV	Costing (Past)	2	0001	EDVALBQPSZXFG		3		Costing (Past)
ZC	KZ	Costing (Future)	2	0001	EDVALBQPSZXFG		3		Costing (Future)
ZC	VH	Additional	2	0001	K		3		Additional
ZC	ZC	SCM Consulting Solutions	1	4005	D	DATE00	2		SCM Con. Sol.

Newly Created Data Screen

3.2.1.3 Step 2b: Create an Additional Data Screen (Optional)

It may be necessary to add another data screen because the space within a tab is limited. For an initial setup, therefore, first check [Step 3: Assign Subscreen \[page 26\]](#) to determine whether an additional data view is required. If an additional data view is required after a release upgrade, continue directly with the following steps.

First, go to the Customizing settings by calling transaction *SPRO*. You can find the screen sequence you defined already using the path **SAP Customizing Implementation Guide > Logistics - General > Material Master > Configuring the Material Master > Define Structure of Data Screens for Each Screen Sequence**. First select this screen sequence and display the corresponding data screens. The tab already created for the **SCM Consulting Solutions** should now appear at the end of the list. Select the relevant entry and copy it using the pushbutton.



Copying a Data Screen

Once you have copied the data screen, you need to rename the data screen ID and the labels for the second tab accordingly. Confirm your changes by pressing Enter.

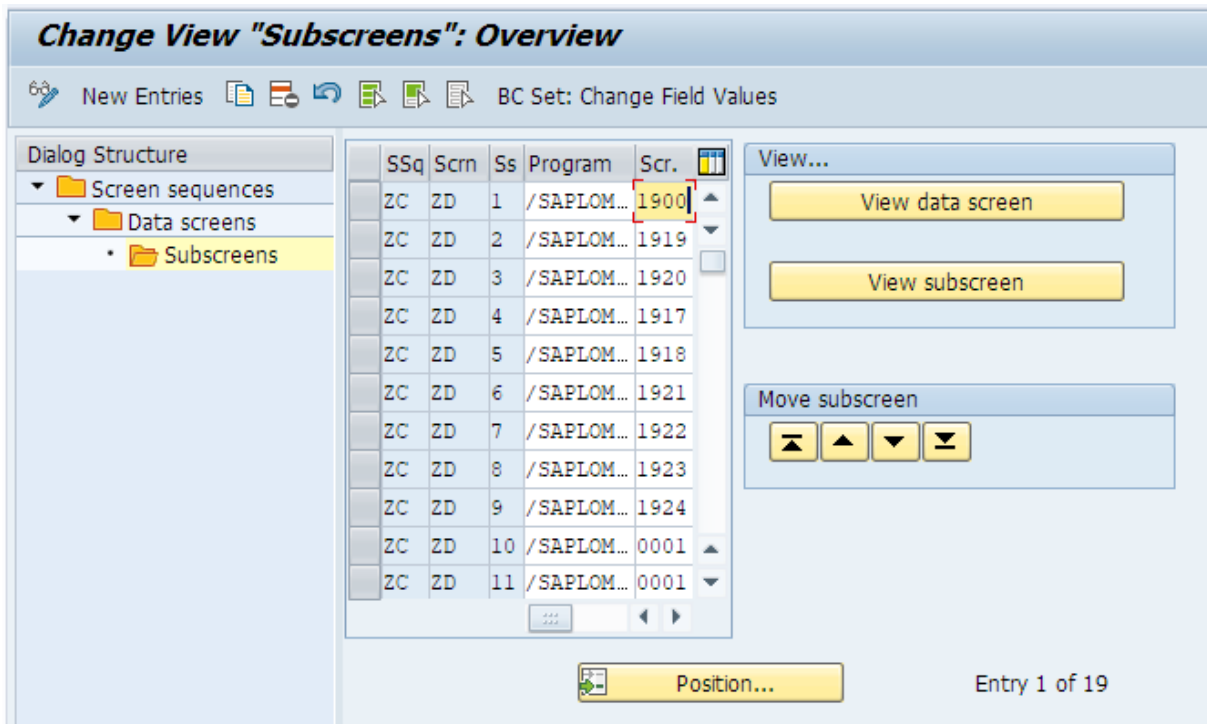
The system confirms the copy operation with a corresponding message. Now display the subscreens for the newly created data screen.

Depending on how you distribute the subscreens between the two tabs, the remaining subscreens must now be assigned to the second data screen.

i Note

The first entry with subscreen *00 must always be at the top in both tabs. It contains the plant information as well as the material description and so on.

Possible "gaps" within the 19 subscreens can be filled with screen "0001".



Fully Configured Second Data Screen

3.2.1.4 Step 3: Assign Subscreen

If you have created the new data screen, you need to assign the individual screens in the next step. For this, you need to decide which shipped content is to be displayed in the **enhanced material master view**. We recommend that you select content according to the installed SCM Consulting Solutions. If, during configuration, you do not yet know which screens are used, you can also first start with the maximum value and then restrict this accordingly after the test phase.

⚠ Caution

Altogether, a maximum of 19 screens can be assigned to a data screen. If the maximum value is specified, however, this threshold is exceeded. This means that an additional data screen (for example, "ZD") is required, which must be created in the same way as the first (see section [Step 2b: Create an Additional Data Screen \(Optional\) \[page 24\]](#)). If you can reduce the screen selection from a technical point of view to 19, an additional data screen is not required.

The screenshot displays the SAP Enhanced Material Master View for Material P-102 (Pump PRECISION 102) at Plant 1000 (Werk Hamburg). The interface includes several tabs at the top: MRP 4, SCM CS 1, SCM CS 2, Forecasting, Work scheduling, and Plant ...

Classification:

- ABC(D)-Indicator: ABC-Value: 0,00
- XYZ(N) Indicator: XYZ-quantity: 0
- LMN(O) Indicator: HD(K) Indicator:
- EFG(N)-Indicator: KSTX(N) Indicator:
- UVW(N) Indicator:
- PQR-Indicator:

Lifecycle/Storage:

- New material: Deletion flag:
- No consumption: Negative usage:
- Life cycle: Seasonal material:
- Stocking/Destocking: Make to Order:

Exception indicators I:

- Exception indicator 1: Exception indicator 4: 0,0
- Exception indicator 2: Exception indicator 5: 0,0
- Exception indicator 3: Exception indicator 6: 0,0
- Exception indicator 7:
- Exception indicator 8:
- Exception indicator 9:
- Exception indicator 10:
- Exception indicator 11:

Exception indicators II:

- Exception indicator 12:
- Exception indicator 13:
- Exception indicator 14:
- Exception indicator 15:
- Exception indicator 16:
- Exception indicator 17:
- Exception indicator 18:
- Exception indicator 19:

MRP key figures:

- Average consumption: 0 per
- Average consumption: 0 per day
- PstSafetyStckDS (CD): 0,0
- PstSafetyStckDS (WD): 0,0
- Dead stock (amount): 0
- Dead stock (value): 0,00
- Val.stock turnover: 0,00

Labels on the right side:

- Dynpro 1900
- Dynpro 1901
- Dynpro 1902
- Dynpro 1903
- Dynpro 1925
- Dynpro 1904

Enhanced Material Master View with Maximum Value (Part 1)

Safety Stock

Min safety stock Risk fact RLT
 Max safety stock Risk fact MAD RLT
 SingleLev.RLT (CalD) SL Safety Time
 SingleLev.RLT(WorkD) Coverage prof.
 Decoup.RLT (CalDays)
 Ord./Prod. Interval Use O/P Interval

Lot Size

Ø Lot size SSS relevant
 Ø Order. int. (days)

Target corridor

Min. TargetCoverage (CD) Max. Target Dead Stock (amount)
 Max. TargetCoverage (CD) Max. Target Dead Stock (value)
 Min. Target Coverage-/RLT-Relation
 Max. Target Coverage-/RLT-Relation
 Max. Target Dead Stock-/SS-Relation

Error measures

MAD RLT MAPE RLT
 MAD Forecast MAPE Forecast

BOM analysis

Number of BOMs BOM Usage No

Cross plant planning

Last movement
 Release for stk. tr Ind. strategic mat.
 ST. type

Cross-Plant/Multi-Level-Link

Exclude link

Sales and Distribution

Order Notice

Stocking level

Ac. M. Deliv. Time Max. total RLT (BOM levels) CD
 Provisioning-Flag Consider in analysis additionally
 Prod/Purch Principle Requirements Visibility Horizon (CalDay)

Shelf Life Data

Min. Remain. ShLf Expir. Period
 Total Shelf Life Max. Storage Per.

Forecast Data

Forecast this mat.

SLC key figures

Key figure	Sales orders	Purchase orders	Stock trans. orders	Reservation:
Delivery reliability target (%)	0	0	0	0
Delivery reliability as-is (%)	0	0	0	0
Delivery service target (%)	0	0	0	0
Delivery service as-is (%)	0	0	0	0
Ability to deliver 1 target (%)	0	0	0	0
Ability to deliver 1 as-is (%)	0	0	0	0

Dynpro 1905

Dynpro 1906

Dynpro 1907

Dynpro 1908

Dynpro 1909

Dynpro 1910

Dynpro 1911

Dynpro 1912

Dynpro 1913

Dynpro 1914

Dynpro 1915

Dynpro 1916

MRP Areas	
<input type="checkbox"/> MRP area exists	MRP areas
Storage Locations	
Storage locations	
Demand-Driven Planning I	
	Source:
TOG - Top of green	0
TOY - Top of yellow	0
TOR - Top of red	0
TORS - Top of red safety	0
Source decoupled RLT	0
Source replenishment lead time	0
Demand-Driven Planning II	
Lead time factor green (%)	0,0
Lead time factor red (%)	0,0
Variability factor (%)	0,0
Spike Horizon (CD)	0
Spike Threshold (%)	0,0
Dynamization	
Dynamization mode	<input type="checkbox"/> Cur. DynScen abre.
Start date dynamization	Act. DynScen Text
Date of update buffer levels	
Adjustment factors dynamization	
Pos. Adj. Dynamization green line (%)	0,0
Neg. Adj. Dynamization green line (%)	0,0
Pos. Adj. Dynamization yellow line (%)	0,0
Neg. Adj. Dynamization yellow line (%)	0,0
Pos. Adj. Dynamization red line (%)	0,0
Neg. Adj. Dynamization red line (%)	0,0
Pos. Adj. Dynam. red safety line (%)	0,0
Neg. Adj. Dynam. red safety line (%)	0,0
Horizons	
<input type="checkbox"/> Calc. planning hor.	RLT acceler. (CD)
Planning hor. (CD)	0
PlanningHor. (RLT M)	0,0
Dyn. horizon (CD)	0
Dyn hor RLT multi	0,0
	Gating machine
	WorkLoadLimitation
	<input type="checkbox"/> Cons. LG set in MRP
Sources of Supply	
Sources of Supply	

Dynpro 1919

Dynpro 1920

Dynpro 1917

Dynpro 1918

Dynpro 1921

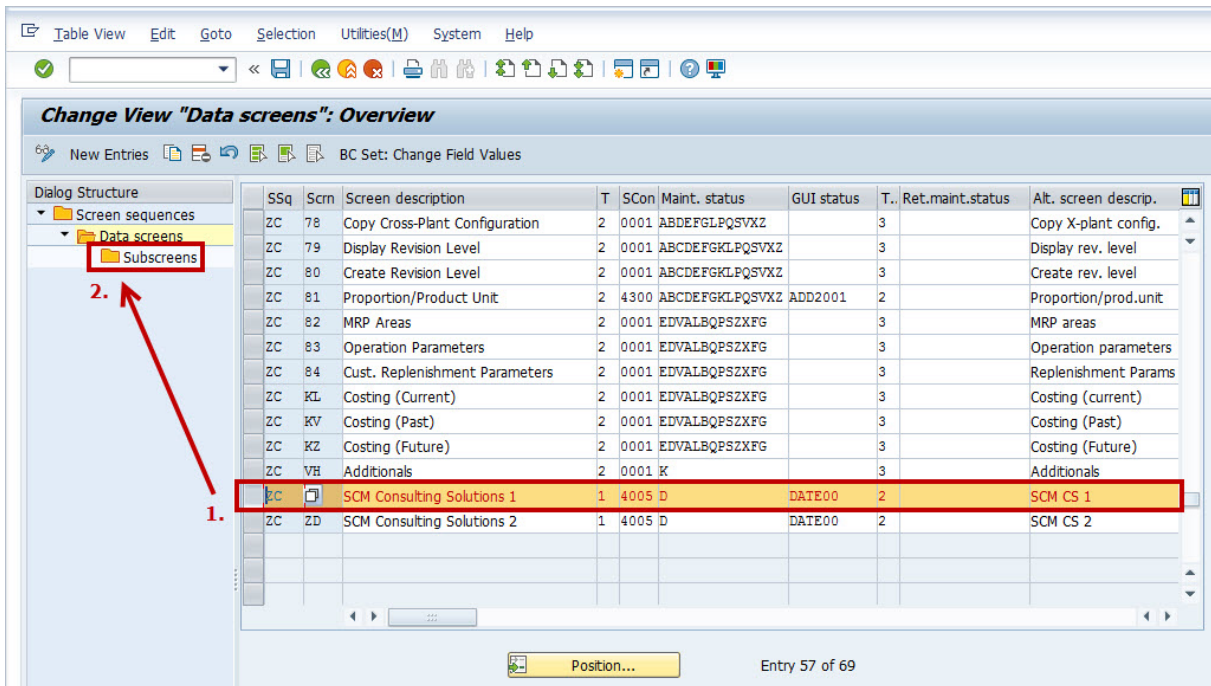
Dynpro 1922

Dynpro 1923

Dynpro 1924

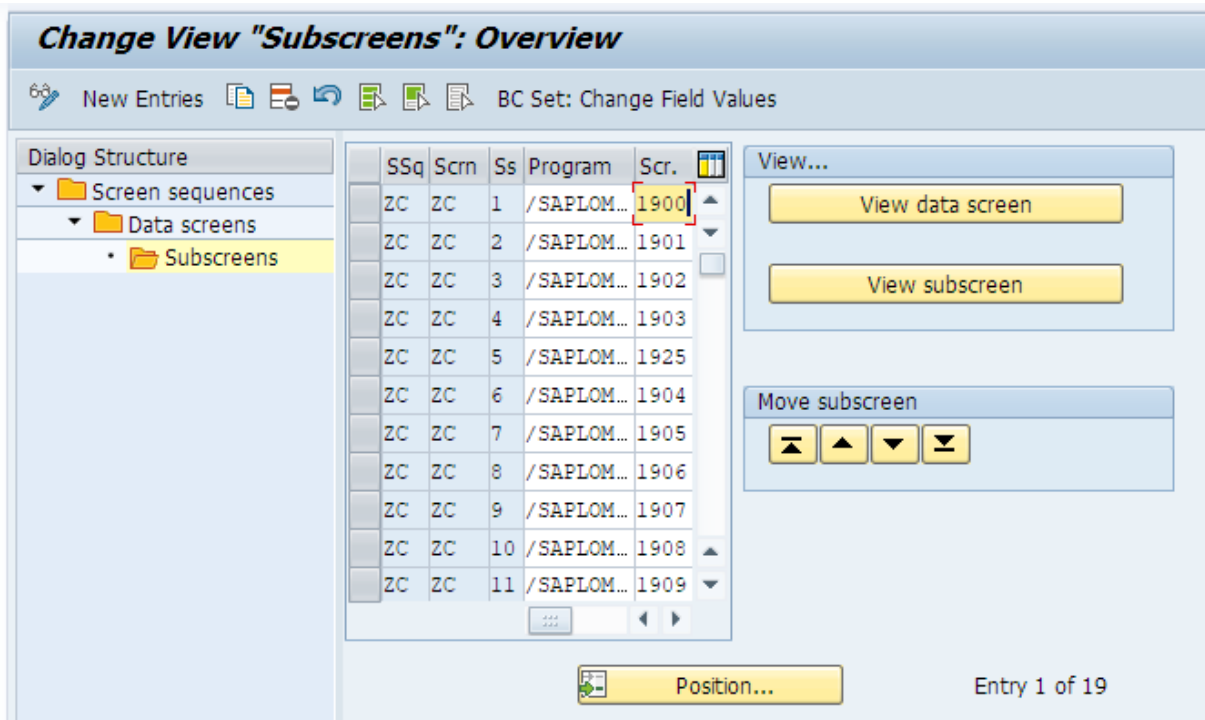
Enhanced Material Master View with Maximum Value (Part 3)

To be able to assign the screens, you first need to select the data screen and then click on Subscreens:



Selecting a Data Screen

The screen for entering the program with the corresponding screen opens.



Assigning Subscreens

The subscreen container 4005 has 19 individual subscreens and can be filled individually. The following table shows the maximum specification of the **enhanced material master view** for data screen 1, whereby the first and last entries must not be changed, even for individual adjustments:

Subscreens für die maximale Ausprägung der Enhanced Material Master View (Datenbild 1)

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	1	/SAPLOM/SAPL- MEH_FUGR	1900	X
ZC*	ZC*	2	/SAPLOM/SAPL- MEH_FUGR	1901	
ZC*	ZC*	3	/SAPLOM/SAPL- MEH_FUGR	1902	
ZC*	ZC*	4	/SAPLOM/SAPL- MEH_FUGR	1903	
ZC*	ZC*	5	/SAPLOM/SAPL- MEH_FUGR	1925	
ZC*	ZC*	6	/SAPLOM/SAPL- MEH_FUGR	1904	
ZC*	ZC*	7	/SAPLOM/SAPL- MEH_FUGR	1905	
ZC*	ZC*	8	/SAPLOM/SAPL- MEH_FUGR	1906	
ZC*	ZC*	9	/SAPLOM/SAPL- MEH_FUGR	1907	
ZC*	ZC*	10	/SAPLOM/SAPL- MEH_FUGR	1908	
ZC*	ZC*	11	/SAPLOM/SAPL- MEH_FUGR	1909	
ZC*	ZC*	12	/SAPLOM/SAPL- MEH_FUGR	1910	
ZC*	ZC*	13	/SAPLOM/SAPL- MEH_FUGR	1911	
ZC*	ZC*	14	/SAPLOM/SAPL- MEH_FUGR	1912	
ZC*	ZC*	15	/SAPLOM/SAPL- MEH_FUGR	1913	

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	16	/SAPLOM/SAPL- MEH_FUGR	1914	
ZC*	ZC*	17	/SAPLOM/SAPL- MEH_FUGR	1915	
ZC*	ZC*	18	/SAPLOM/SAPL- MEH_FUGR	1916	
ZC*	ZC*	19	/SAPLOM/SAPL- MEH_FUGR	0001	

→ Remember

* Kann je nach gewählter Bildsequenz/Datenbild variieren.

If you have decided to create a second data screen, or this is necessary due to the number of screens, the table for this is as follows:

Subscreens für die maximale Ausprägung der Enhanced Material Master View (Datenbild 2)

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	1	/SAPLOM/SAPL- MEH_FUGR	1900	X
ZC*	ZC*	2	/SAPLOM/SAPL- MEH_FUGR	1919	
ZC*	ZC*	3	/SAPLOM/SAPL- MEH_FUGR	1920	
ZC*	ZC*	4	/SAPLOM/SAPL- MEH_FUGR	1917	
ZC*	ZC+	5	/SAPLOM/SAPL- MEH_FUGR	1918	
ZC*	ZC*	6	/SAPLOM/SAPL- MEH_FUGR	1921	
ZC*	ZC*	7	/SAPLOM/SAPL- MEH_FUGR	1922	
ZC*	ZC*	8	/SAPLOM/SAPL- MEH_FUGR	1923	
ZC*	ZC*	9	/SAPLOM/SAPL- MEH_FUGR	1924	

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	10	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	11	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	12	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	13	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	14	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	15	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	16	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	17	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	18	/SAPLOM/SAPL-MEH_FUGR	0001	
ZC*	ZC*	19	/SAPLOM/SAPL-MEH_FUGR	0001	


→ Remember

* Kann je nach gewählter Bildsequenz/Datenbild variieren.

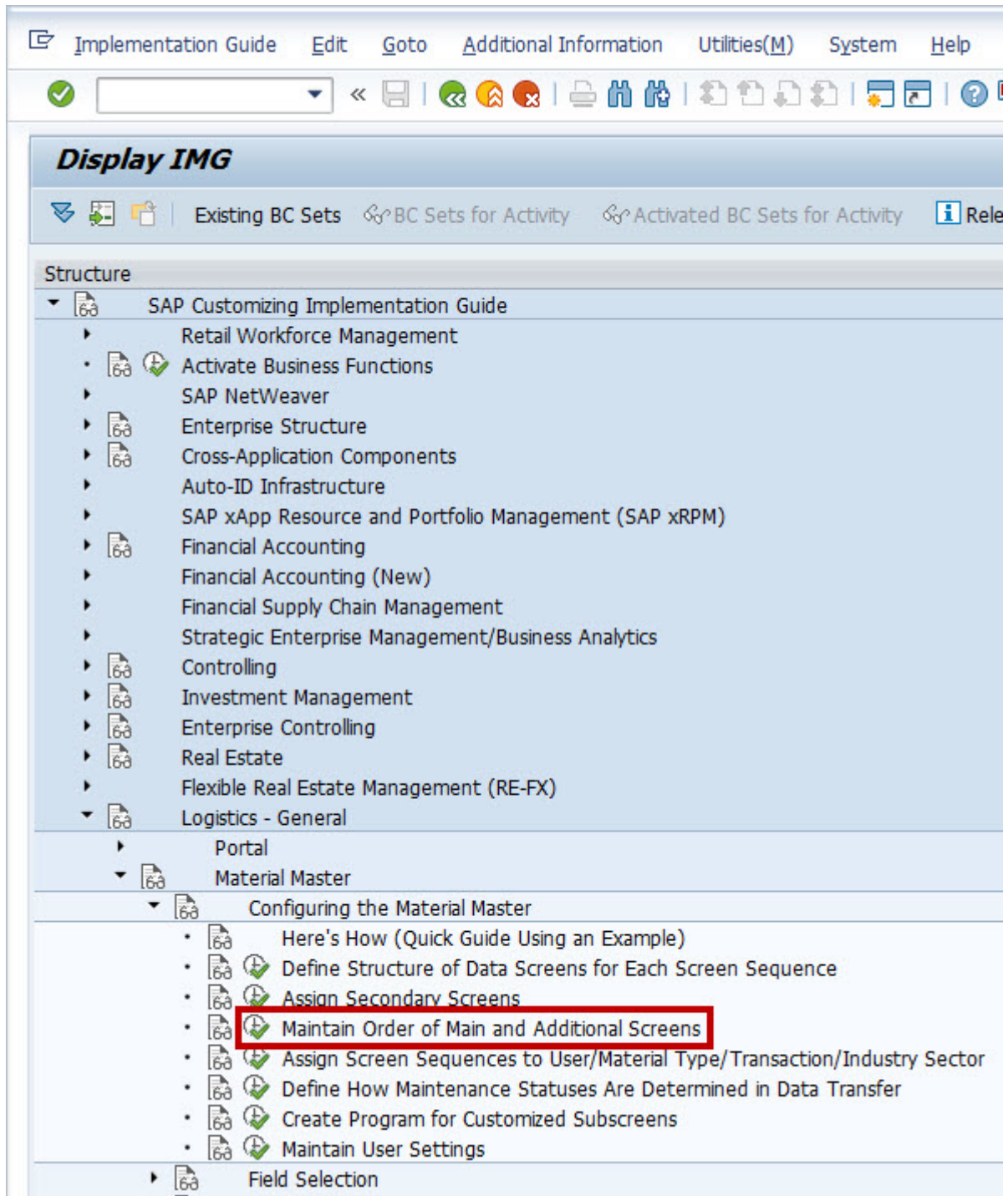
→ Tip

In standard SAP Customizing, you can only show or hide complete screens/blocks. With the enhanced Customizing, however, you also have the option to decide at field level whether a field is to be visible. For this fine-tuning, however, you first have to specify the rough structure of the screens as described previously.

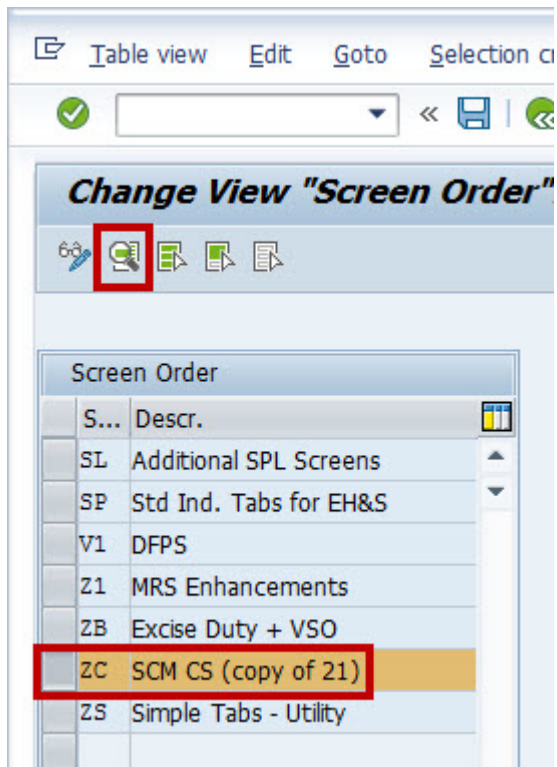
3.2.1.5 Step 4: Specify Sequence (Optional)

A new data screen (tab) that has been created is automatically placed at the end of the screen sequence. If you want to change the sequence, call transaction *SPRO* and then choose  *SAP Customizing Implementation*

Guide > Logistics - General > Material Master > Configuring the Material Master > Maintain Order of Main and Additional Screens >

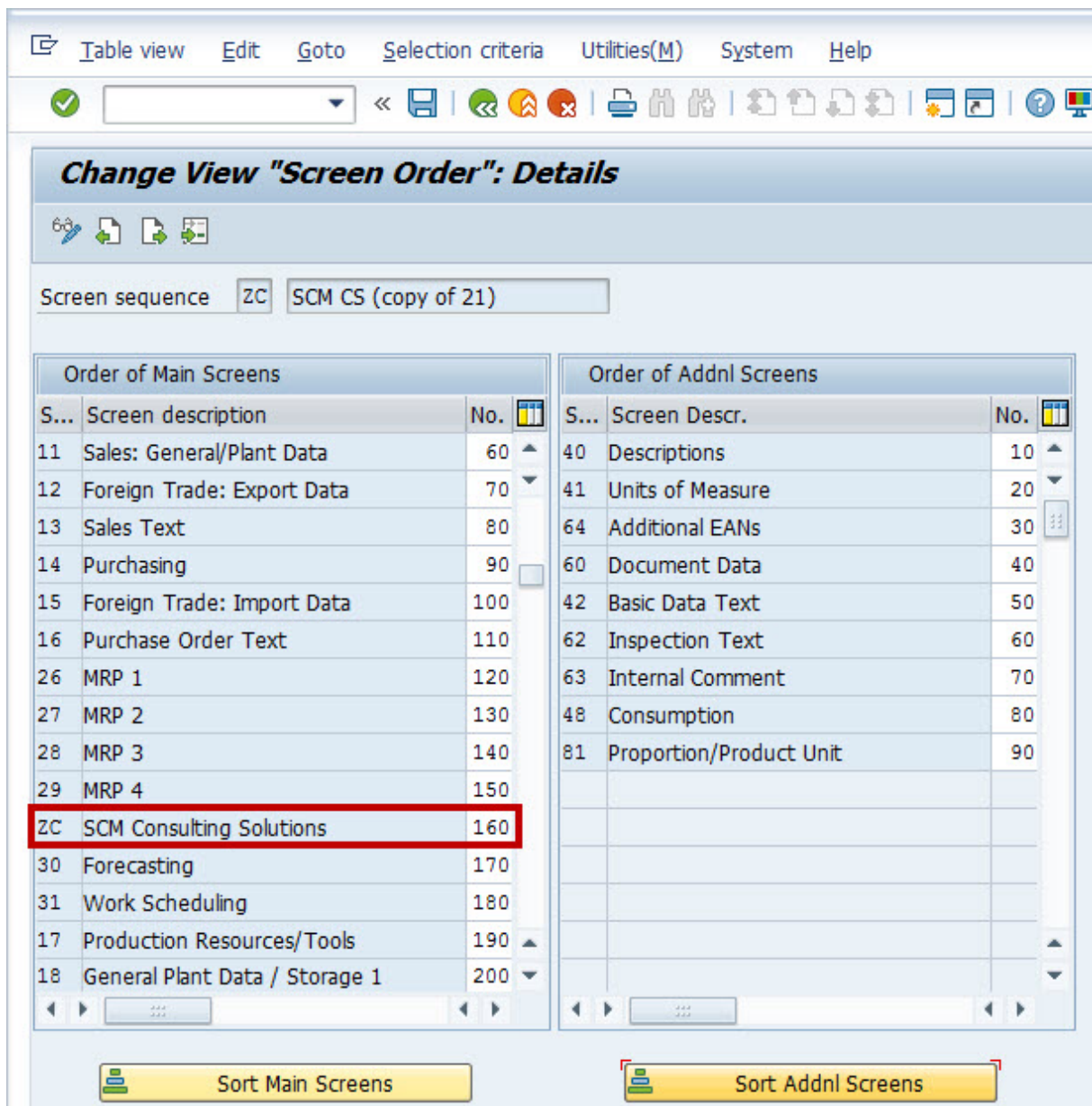


Path in Customizing



Screen Sequence for Specifying the Order

If you select the relevant screen sequence and then choose the *Detail* button, you see a table with a sequence number. Set the number so that the **enhanced material master view** is placed at the desired position. Then save your changes.



Set Position of enhanced material master view

3.2.1.6 Step 5: Specify Assignment (Optional)

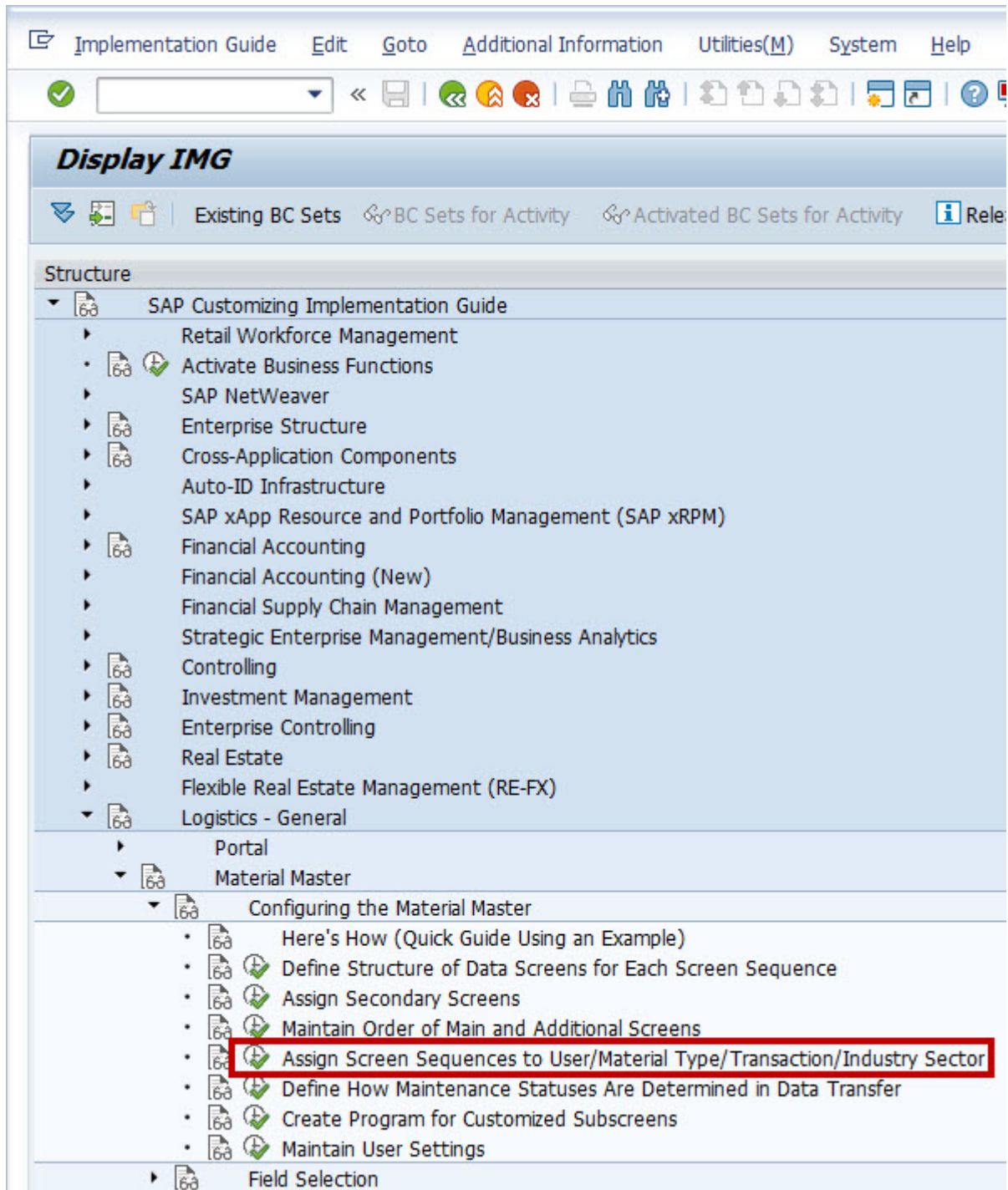
Option 1: Existing Screen Sequence Is Used

If you use an existing screen sequence, a new assignment is not required.

Option 2: New Screen Sequence Created

If you created a new screen sequence in step 1, you need to assign this sequence to certain users, material types, transactions, or industries. To do this, call transaction *SPRO* and choose ► *SAP Customizing*

Implementation Guide > Logistics - General > Material Master > Assign Screen Sequences to User/Material Type/Transaction/Industry Sector >



Path in Customizing

SRef: trans.	SRef: user	SRef: matl type	SRef: industry	SSq	Screen seq. description
01	*	*	*	ZC	SCM CS (copy of 21)
01	*	HERS	*	12	Manufacturer Parts
01	*	PLM	*	PL	Std ind.(short) tab pages
01	*	ROH	B	ZB	Excise Duty + VSO
01	*	ROH	C	EH	Std (short) w/EH&S tabs
01	*	ROH	F	EH	Std (short) w/EH&S tabs
01	AE	*	*	ZS	Simple Tabs - Utility
01	BO	*	*	01	Std industry sequence
01	BU	*	*	01	Std industry sequence
01	CA	*	*	01	Std industry sequence
01	CD	*	*	01	Std industry sequence
01	DO	*	*	01	Std industry sequence
01	DO	HERS	M	12	Manufacturer Parts
01	DW	*	*	01	Std industry sequence
01	EB	*	*	01	Std industry sequence
01	EH	*	*	SP	Std Ind. Tabs for EH&S

Assign Screen Sequence

How the assignment is to take place must be decided on an individual basis and is the responsibility of the employee configuring the material master. If you have performed all of the previously described steps successfully, the **enhanced material master view** is now displayed in the material master.

3.2.1.7 Step 6: Authorization

The authorization for displaying the **enhanced material master view** can be configured to individual needs. You normally assign the new tab to the MRP tabs using the maintenance status. This makes the **enhanced material master view** automatically visible as soon as the MRP tabs are created. In step 2a/2b, you assign the maintenance status, which you can customize as required.

To assign the **enhanced material master view** to only a specific person group, you can use a separate screen sequence. You then need to assign this to the relevant group, as described in step 5.

Related Information

[Step 2a: Create a Data Screen \[page 22\]](#)

[Step 2b: Create an Additional Data Screen \(Optional\) \[page 24\]](#)

[Step 5: Specify Assignment \(Optional\) \[page 36\]](#)

3.2.2 Upgrade to New Release

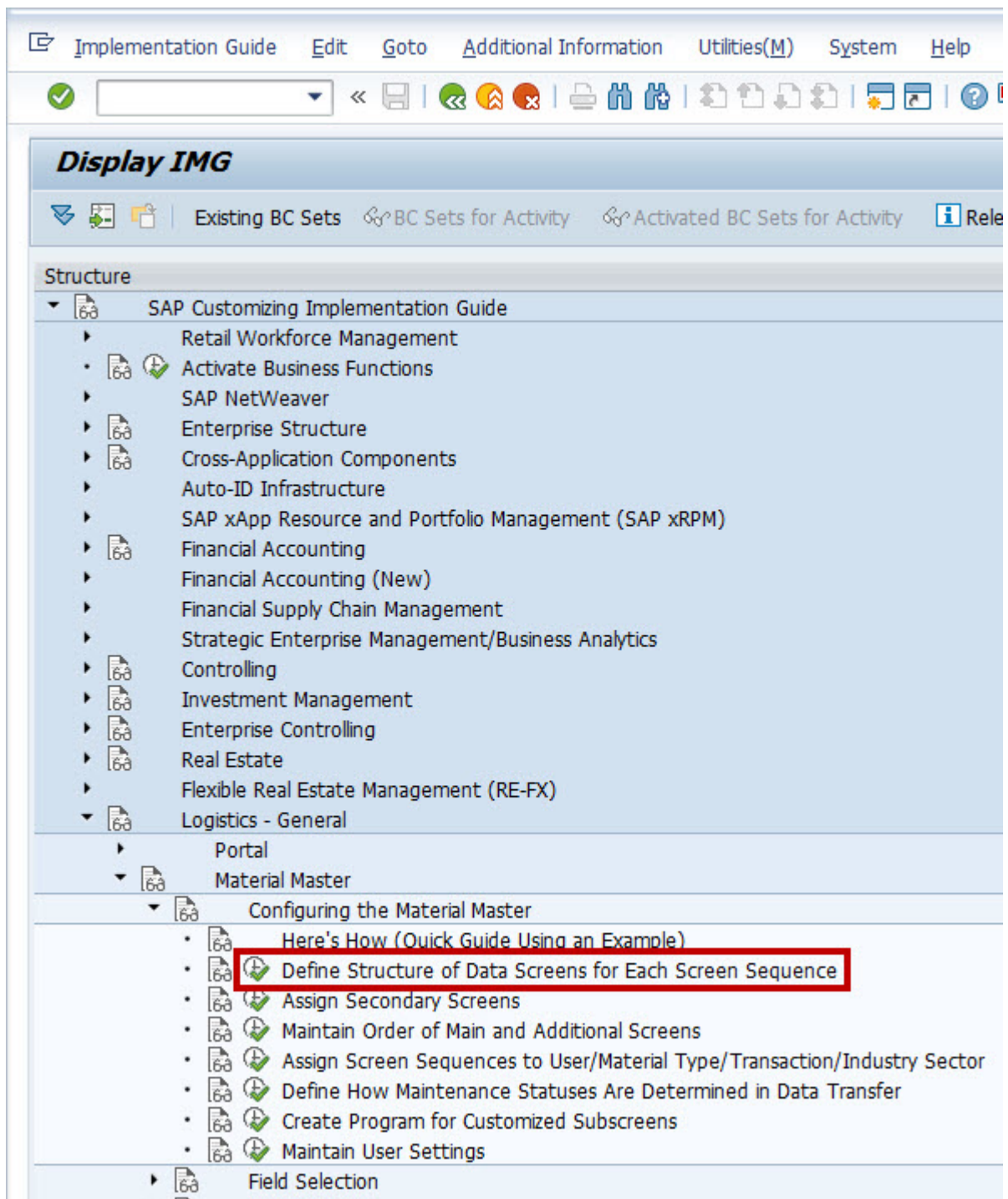
If you have already configured the **enhanced material master view** with an older release, you simply need to replace the assigned screens and, if necessary, delete entries from Customizing tables.

→ Tip

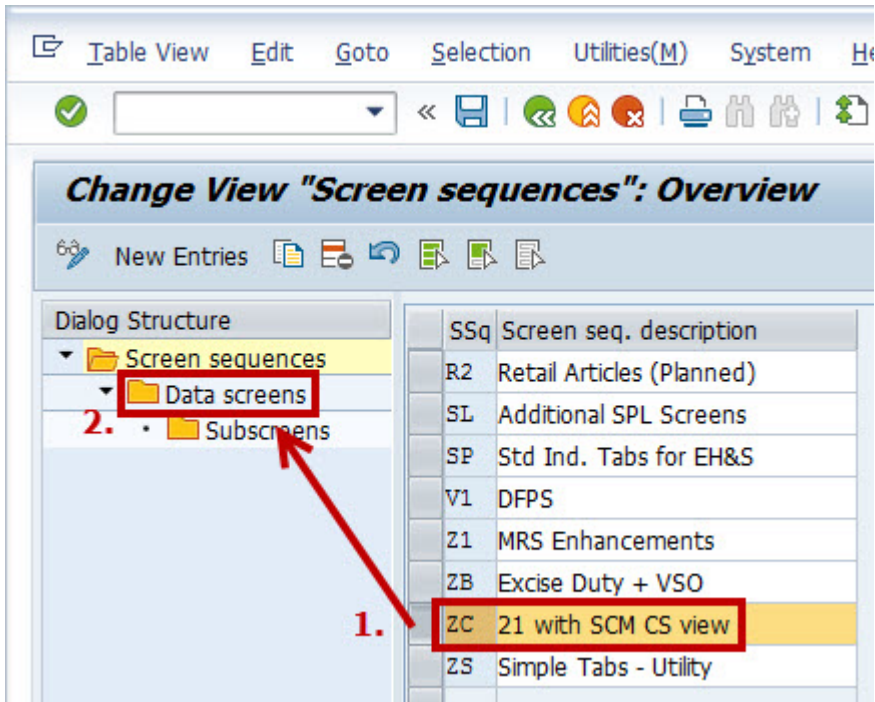
If you have chosen customer-specific descriptors for the Exception Indicator fields in earlier releases, you need to repeat this renaming process after the new transports have been imported. For details on this, see section [Rename Field Label \[page 58\]](#).

3.2.2.1 Step 1: Replace Subscreens

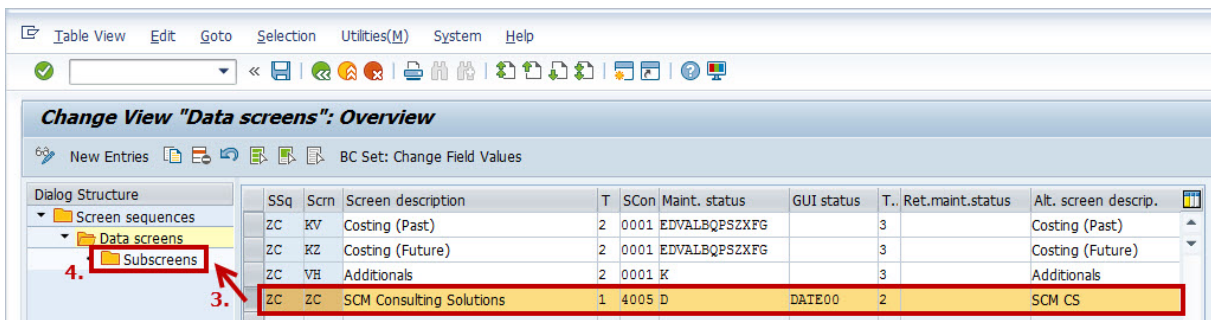
First, go to the Customizing settings by calling transaction *SPRO*. Under the path **▶ SAP Customizing Implementation Guide ▶ Logistics - General ▶ Material Master ▶ Configuring the Material Master ▶ Define Structure of Data Screens for Each Screen Sequence** ▶, select the relevant screen sequence. The previous configuration determines what is selected here.



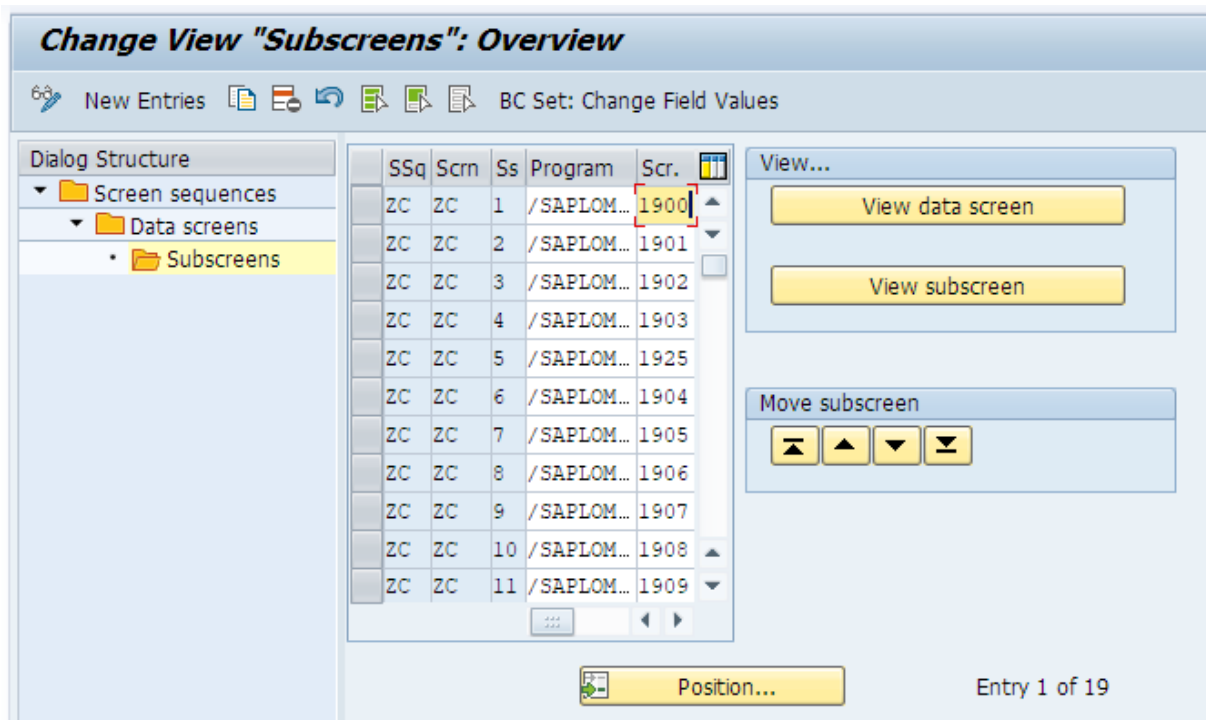
Path in Customizing



Selecting a Screen Sequence



Selecting a Data Screen



Assigning Subscreens

Please note that a different screen sequence can exist, depending on the configuration in the last release. You now replace the screens with the up-to-date screens. First, specify which shipped content is to be displayed in the **enhanced material master view**.

→ Tip

We recommend that you specify content according to the installed **SCM Consulting Solutions**.

If, during configuration, you do not yet know which screens are used, you can first start with the maximum value and restrict this accordingly after the test phase. As of Release 2018, more screens are available than can fit on a single tab page. The maximum number of individual screens that can fit on a tab page is 19. However, you can create an additional tab page or additional data screen to which the remaining screens can be assigned. Instructions for creating an additional data screen can be found in section [Step 2b: Create an Additional Data Screen \(Optional\) \[page 24\]](#). If you can limit the number of screens to 19 from a technical point of view, you do not need to create an additional data screen. In this case, you simply need to replace the screens in the existing data screen.

The following figures show the **enhanced material master view** with maximum specification and two data screens.

The screenshot displays the SAP Enhanced Material Master View for Material P-102 (Pump PRECISION 102) at Plant 1000 (Werk Hamburg). The interface includes several sections:

- Classification:** Fields for ABC(D)-Indicator, XYZ(N) Indicator, LMN(O) Indicator, EFG(N)-Indicator, UVW(N) Indicator, PQR-Indicator, ABC-Value (0,00), XYZ-quantity (0), HI(K) Indicator, and KSTX(N) Indicator.
- Lifecycle/Storage:** Checkboxes for New material, No consumption, Life cycle, Stocking/Destocking, Deletion flag, Negative usage, Seasonal material, and Make to Order.
- Exception indicators I:** Fields for Exception indicator 1 through 11, with values 0,0 for indicators 4, 5, and 6.
- Exception indicators II:** Fields for Exception indicator 12 through 19.
- MRP key figures:** Fields for Average consumption (0), PstSafetyStckDS (CD) (0,0), PstSafetyStckDS (WD) (0,0), Dead stock (amount) (0), Dead stock (value) (0,0), and Val.stock turnover (0,0).

Annotations on the right side of the screenshot are as follows:

- Dynpro 1900:** Points to the top header area containing material and plant information.
- Dynpro 1901:** Points to the Classification section.
- Dynpro 1902:** Points to the Lifecycle/Storage section.
- Dynpro 1903:** Points to the Exception indicators I section.
- Dynpro 1925:** Points to the Exception indicators II section.
- Dynpro 1904:** Points to the MRP key figures section.

Enhanced Material Master View with Maximum Value (Part 1)

Safety Stock

Min safety stock Risk fact RLT
 Max safety stock Risk fact MAD RLT
 SingleLev.RLT (CalD) SL Safety Time
 SingleLev.RLT(WorkD) Coverage prof.
 Decoup.RLT (CalDays)
 Ord./Prod. Interval Use O/P Interval

Lot Size

Ø Lot size SSS relevant
 Ø Order. int. (days)

Target corridor

Min. TargetCoverage (CD) Max. Target Dead Stock (amount)
 Max. TargetCoverage (CD) Max. Target Dead Stock (value)
 Min. Target Coverage-/RLT-Relation
 Max. Target Coverage-/RLT-Relation
 Max. Target Dead Stock-/SS-Relation

Error measures

MAD RLT MAPE RLT
 MAD Forecast MAPE Forecast

BOM analysis

Number of BOMs BOM Usage No

Cross plant planning

Last movement
 Release for stk. tr Ind. strategic mat.
 ST. type

Cross-Plant/Multi-Level-Link

Exclude link

Sales and Distribution

Order Notice

Stocking level

Ac. M. Delv. Time Max. total RLT (BOM levels) CD
 Provisioning-Flag Consider in analysis additionally
 Prod/Purch Principle Requirements Visibility Horizon (CalDay)

Shelf Life Data

Min. Remain. ShLf Expir. Period
 Total Shelf Life Max. Storage Per.

Forecast Data

Forecast this mat.

SLC key figures

Key figure	Sales orders	Purchase orders	Stock trans. orders	Reservation:
Delivery reliability target (%)	0	0	0	0
Delivery reliability as-is (%)	0	0	0	0
Delivery service target (%)	0	0	0	0
Delivery service as-is (%)	0	0	0	0
Ability to deliver 1 target (%)	0	0	0	0
Ability to deliver 1 as-is (%)	0	0	0	0

Dynpro 1905

Dynpro 1906

Dynpro 1907

Dynpro 1908

Dynpro 1909

Dynpro 1910

Dynpro 1911

Dynpro 1912

Dynpro 1913

Dynpro 1914

Dynpro 1915

Dynpro 1916

MRP Areas		<input type="checkbox"/> MRP area exists		<input type="button" value="MRP areas"/>	
Storage Locations		<input type="button" value="Storage locations"/>			
Demand-Driven Planning I					
				Source:	
TOG - Top of green	<input type="text" value="0"/>			<input type="text" value="0"/>	<input type="button" value="v"/>
TOY - Top of yellow	<input type="text" value="0"/>			<input type="text" value="0"/>	<input type="button" value="v"/>
TOR - Top of red	<input type="text" value="0"/>			<input type="text" value="0"/>	<input type="button" value="v"/>
TORS - Top of red safety	<input type="text" value="0"/>			<input type="text" value="0"/>	<input type="button" value="v"/>
Source decoupled RLT				<input type="text" value="0"/>	<input type="button" value="v"/>
Source replenishment lead time				<input type="text" value="0"/>	<input type="button" value="v"/>
Demand-Driven Planning II					
Lead time factor green (%)	<input type="text" value="0,0"/>	Spike Horizon (CD)	<input type="text" value="0"/>		
Lead time factor red (%)	<input type="text" value="0,0"/>	Spike Threshold (%)	<input type="text" value="0,0"/>		
Variability factor (%)	<input type="text" value="0,0"/>				
Dynamization					
Dynamization mode	<input type="checkbox"/>	Cur. DynScen abbre.	<input type="checkbox"/>		
Start date dynamization	<input type="text"/>	Act. DynScen Text	<input type="text"/>		
Date of update buffer levels	<input type="text"/>				
Adjustment factors dynamization					
Pos. Adj. Dynamization green line (%)	<input type="text" value="0,0"/>				
Neg. Adj. Dynamization green line (%)	<input type="text" value="0,0"/>				
Pos. Adj. Dynamization yellow line (%)	<input type="text" value="0,0"/>				
Neg. Adj. Dynamization yellow line (%)	<input type="text" value="0,0"/>				
Pos. Adj. Dynamization red line (%)	<input type="text" value="0,0"/>				
Neg. Adj. Dynamization red line (%)	<input type="text" value="0,0"/>				
Pos. Adj. Dynam. red safety line (%)	<input type="text" value="0,0"/>				
Neg. Adj. Dynam. red safety line (%)	<input type="text" value="0,0"/>				
Horizons					
<input type="checkbox"/> Calc. planning hor.		RLT acceler. (CD)	<input type="text" value="0"/>		
Planning hor. (CD)	<input type="text" value="0"/>	Gating machine	<input type="text"/>		
PlanningHor. (RLT M)	<input type="text" value="0,0"/>	WorkLoadLimitation	<input type="text" value="0,0"/>	<input type="text"/>	
Dyn. horizon (CD)	<input type="text" value="0"/>	<input type="checkbox"/> Cons. LG set in MRP			
Dyn hor RLT multi	<input type="text" value="0,0"/>				
Sources of Supply		<input type="button" value="Sources of Supply"/>			

Dynpro 1919

Dynpro 1920

Dynpro 1917

Dynpro 1918

Dynpro 1921

Dynpro 1922

Dynpro 1923

Dynpro 1924

Enhanced Material Master View with Maximum Value (Part 3)

The following table shows the configuration of the current release with maximum specification for data screens 1 and 2.

Subscreens für die maximale Ausprägung der Enhanced Material Master View (Datenbild 1)

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	1	/SAPLOM/SAPL- MEH_FUGR	1900	X
ZC*	ZC*	2	/SAPLOM/SAPL- MEH_FUGR	1901	
ZC*	ZC*	3	/SAPLOM/SAPL- MEH_FUGR	1902	
ZC*	ZC*	4	/SAPLOM/SAPL- MEH_FUGR	1903	
ZC*	ZC*	5	/SAPLOM/SAPL- MEH_FUGR	1925	
ZC*	ZC*	6	/SAPLOM/SAPL- MEH_FUGR	1904	
ZC*	ZC*	7	/SAPLOM/SAPL- MEH_FUGR	1905	
ZC*	ZC*	8	/SAPLOM/SAPL- MEH_FUGR	1906	
ZC*	ZC*	9	/SAPLOM/SAPL- MEH_FUGR	1907	
ZC*	ZC*	10	/SAPLOM/SAPL- MEH_FUGR	1908	
ZC*	ZC*	11	/SAPLOM/SAPL- MEH_FUGR	1909	
ZC*	ZC*	12	/SAPLOM/SAPL- MEH_FUGR	1910	
ZC*	ZC*	13	/SAPLOM/SAPL- MEH_FUGR	1911	
ZC*	ZC*	14	/SAPLOM/SAPL- MEH_FUGR	1912	
ZC*	ZC*	15	/SAPLOM/SAPL- MEH_FUGR	1913	
ZC*	ZC*	16	/SAPLOM/SAPL- MEH_FUGR	1914	

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	17	/SAPLOM/SAPL- MEH_FUGR	1915	
ZC*	ZC*	18	/SAPLOM/SAPL- MEH_FUGR	1916	
ZC*	ZC*	19	/SAPLOM/SAPL- MEH_FUGR	0001	

→ Remember

* Kann je nach gewählter Bildsequenz/Datenbild variieren.

Subscreens für die maximale Ausprägung der Enhanced Material Master View (Datenbild 2)

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	1	/SAPLOM/SAPL- MEH_FUGR	1900	X
ZC*	ZC*	2	/SAPLOM/SAPL- MEH_FUGR	1919	
ZC*	ZC*	3	/SAPLOM/SAPL- MEH_FUGR	1920	
ZC*	ZC*	4	/SAPLOM/SAPL- MEH_FUGR	1917	
ZC*	ZC+	5	/SAPLOM/SAPL- MEH_FUGR	1918	
ZC*	ZC*	6	/SAPLOM/SAPL- MEH_FUGR	1921	
ZC*	ZC*	7	/SAPLOM/SAPL- MEH_FUGR	1922	
ZC*	ZC*	8	/SAPLOM/SAPL- MEH_FUGR	1923	
ZC*	ZC*	9	/SAPLOM/SAPL- MEH_FUGR	1924	
ZC*	ZC*	10	/SAPLOM/SAPL- MEH_FUGR	0001	
ZC*	ZC*	11	/SAPLOM/SAPL- MEH_FUGR	0001	

Bsq	Bild	BS	Programm	Dynp	Pflicht
ZC*	ZC*	12	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	13	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	14	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	15	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	16	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	17	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	18	/SAPL0M/SAPL- MEH_FUGR	0001	
ZC*	ZC*	19	/SAPL0M/SAPL- MEH_FUGR	0001	

→ Remember

* Kann je nach gewählter Bildsequenz/Datenbild variieren.

⚠ Caution

As of Release 2018, it is no longer necessary to use screen "9999" as the last entry in the table. This must be replaced using any screen or filled with an empty placeholder screen "0001".

3.2.2.2 Step 2: Customizing Tables (Optional)

In older configurations of the **enhanced material master view**, the following or at least some of the following entries were made in the corresponding Customizing tables. They are no longer required with the current version and can be deleted. To do this, call the table maintenance transaction **SM30** and delete the corresponding entries.

i Note

If you already deleted the entries when configuring the last release, you can skip this step. If you are unsure, check whether the entries exist and delete them if necessary.

Table/View V_T133E

Ssq	Code	Spec
ZC*	/SAPLOM/FIELD	X
ZC*	/SAPLOM/LIST	X
ZC*	/SAPLOM/DATE	X
ZC*	/SAPLOM/MONITOR	X
ZC*	/SAPLOM/MEASURE	X

→ Remember

* May vary, depending on the screen sequence used

Table/View V_T133D

Ssq	Scrn	Code	SScrn	F code	Proc- essing rou- tine	Type	Col- umn	Line	Win- dow to col- umn	Win- dow to line	Calli.	P	R
ZC*	ZC*	/	ZC*										
		SA- PLOM /FIELD											
ZC*	ZC*	/	ZC*										
		SA- PLOM /LIST											
ZC*	ZC*	/	ZC*										
		SA- PLOM /DATE											
ZC*	ZC*	/	ZC*										
		SA- PLOM / MONI- TOR											

Ssq	Scrn	Code	SScrn	F code	Proc- essing rou- tine	Type	Col- umn	Line	Win- dow to col- umn	Win- dow to line	Calli.	P	R
ZC*	ZC*	/	ZC*										
		SA-											
		PLOM											
		/											
		MEAS-											
		URE											

→ Remember

* May vary, depending on the screen sequence used

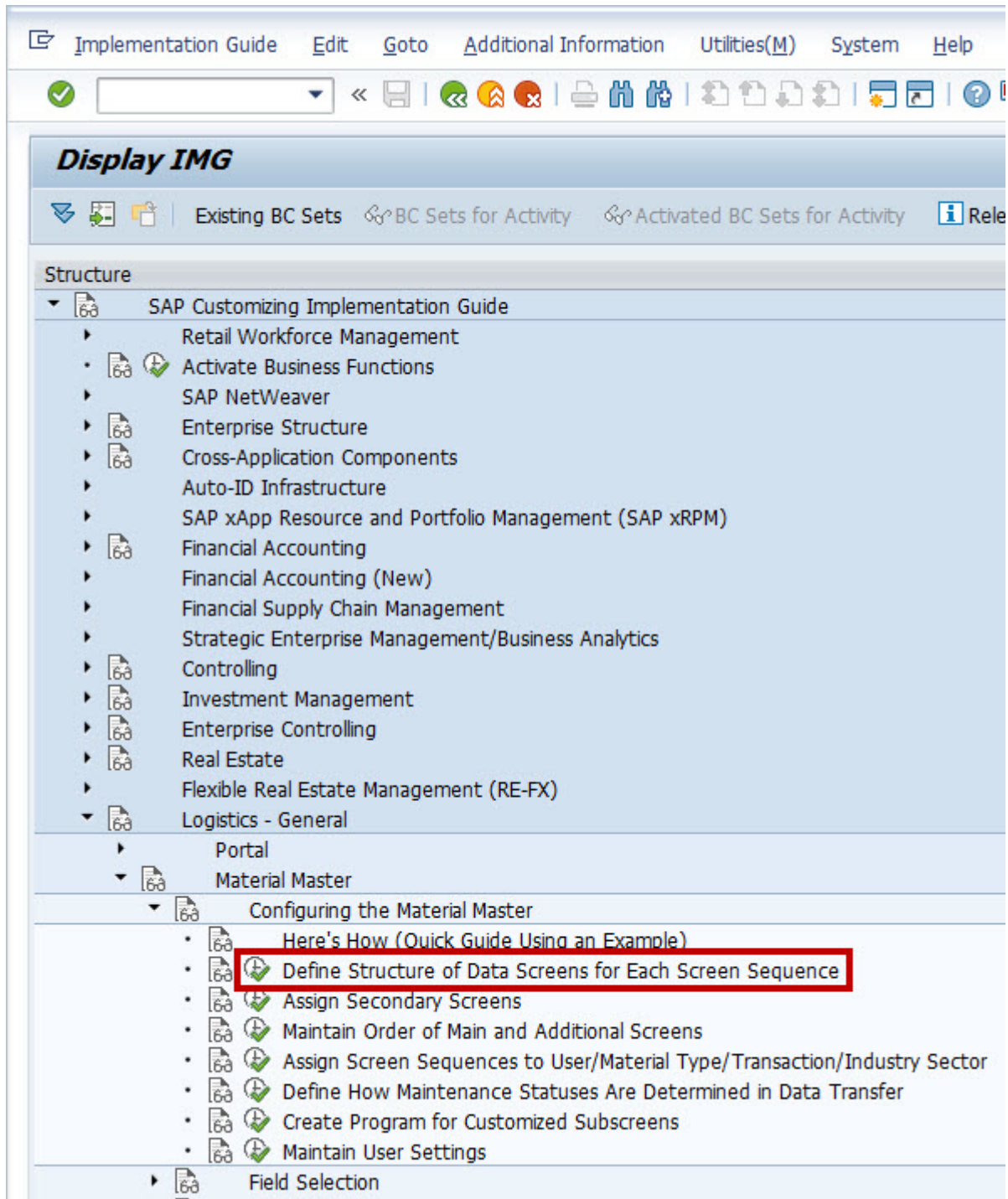
If you have performed all of the previously described steps successfully, the **enhanced material master view** is now displayed in its updated form in the material master.

3.2.3 Transporting the Screen Sequence

When transporting the newly created or updated **enhanced material master view** to downstream quality assurance or production systems, note the following: Whenever you change a screen sequence, you need to transport the entire sequence again. This applies to changes to the screen sequence as well as enhancements to the data screen, and other processing steps. It is not sufficient if you only transport the changes or the delta.

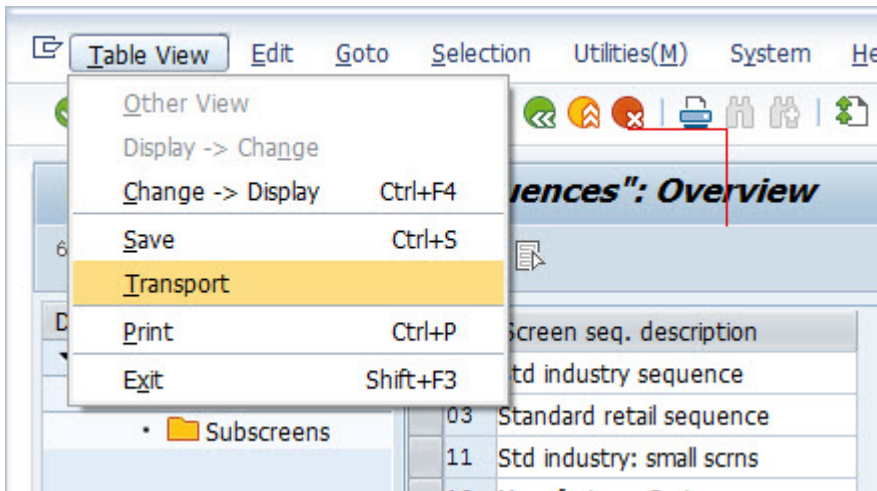
To pack the entire screen sequence into a transport request, you need to perform the following steps. First, go to the Customizing settings by calling transaction *SPRO*. Then choose ► *SAP Customizing Implementation*

Guide > Logistics - General > Material Master > Configuring the Material Master > Define Structure of Data Screens for Each Screen Sequence >



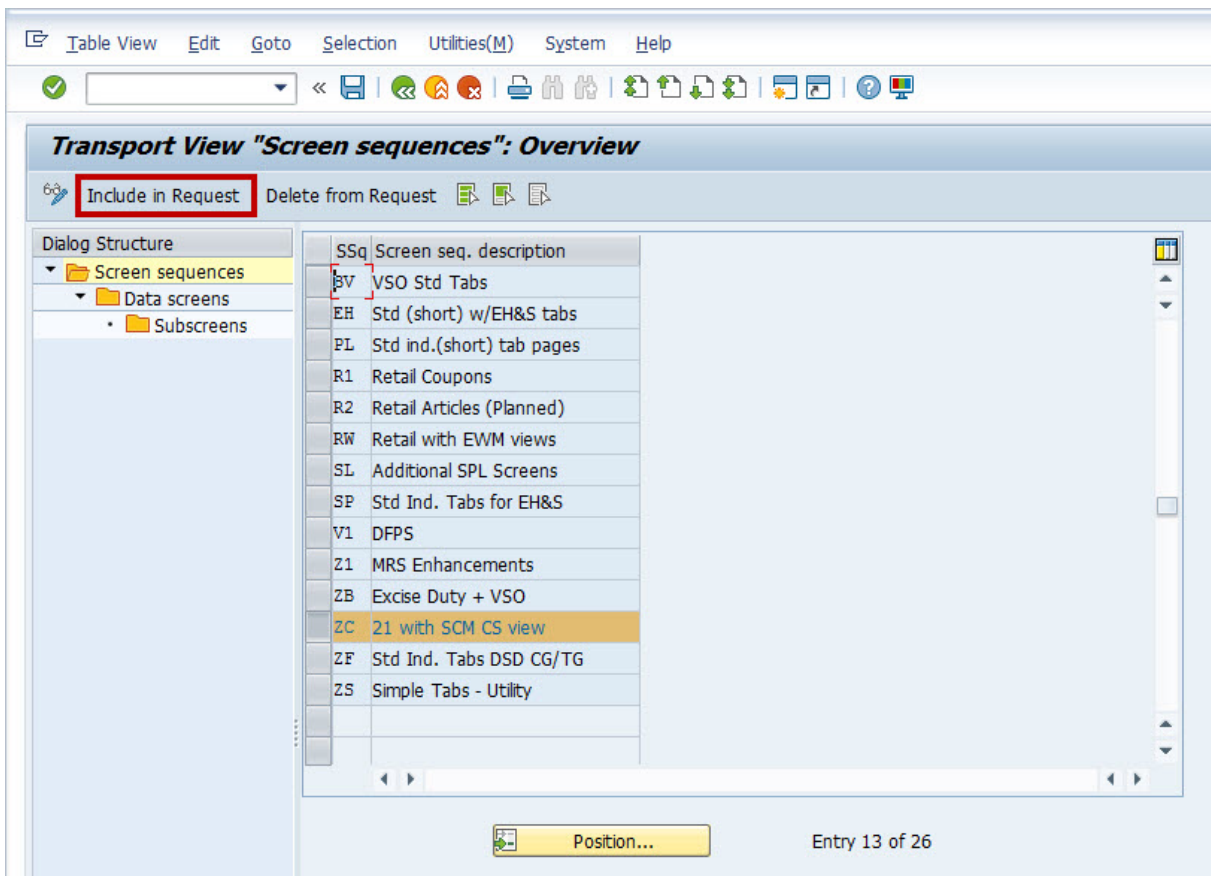
Path in Customizing

Using the menu bar, you can then create a new transport request:



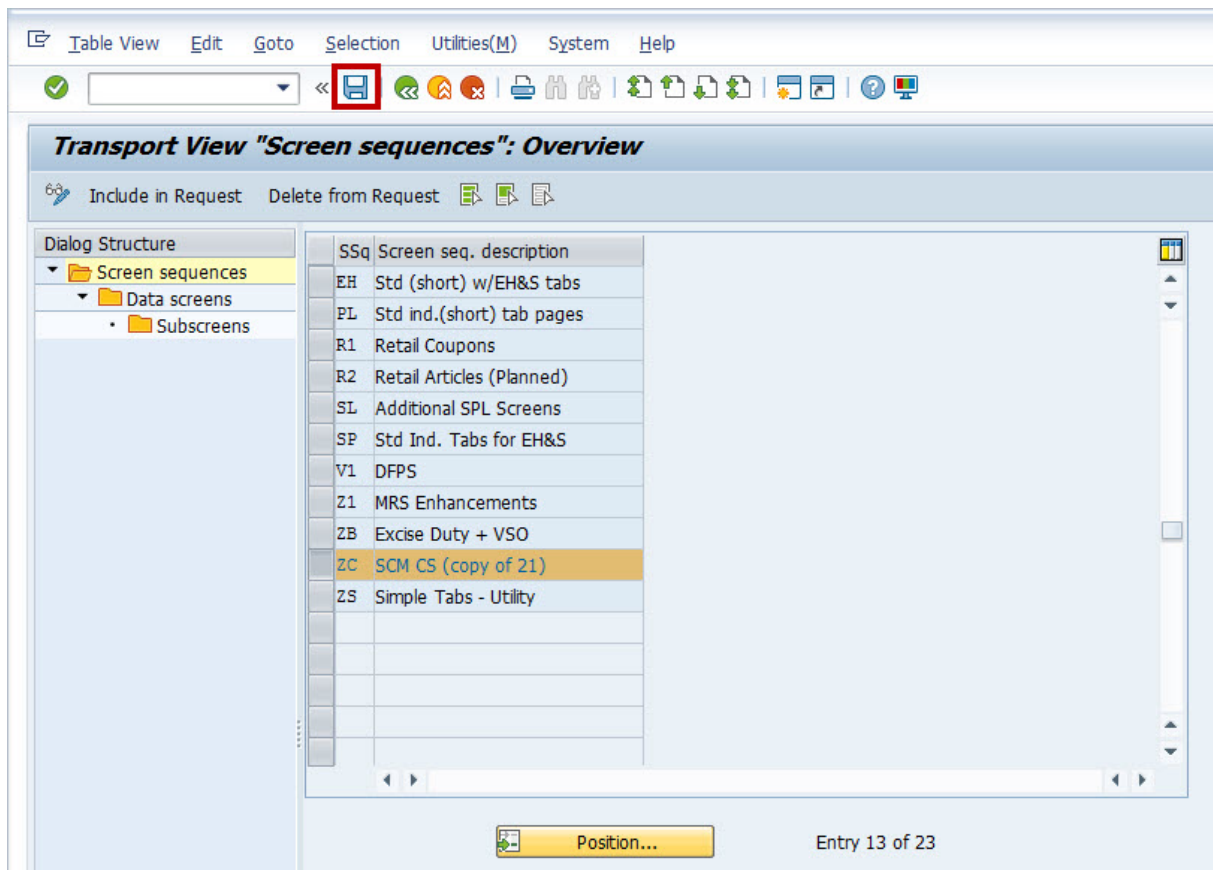
Menu Bar for Transport

Then select the relevant screen sequence (varies depending on the customer scenario) and add them to the transport request:



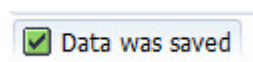
Add Screen Sequence to Transport Request

Choose Save to ensure that the sequence is added to the request:



Save Activity Elements

After the sequence has been successfully added to the transport request, you see a message to this effect in the status bar. You can then release and transport the request:



Status Message

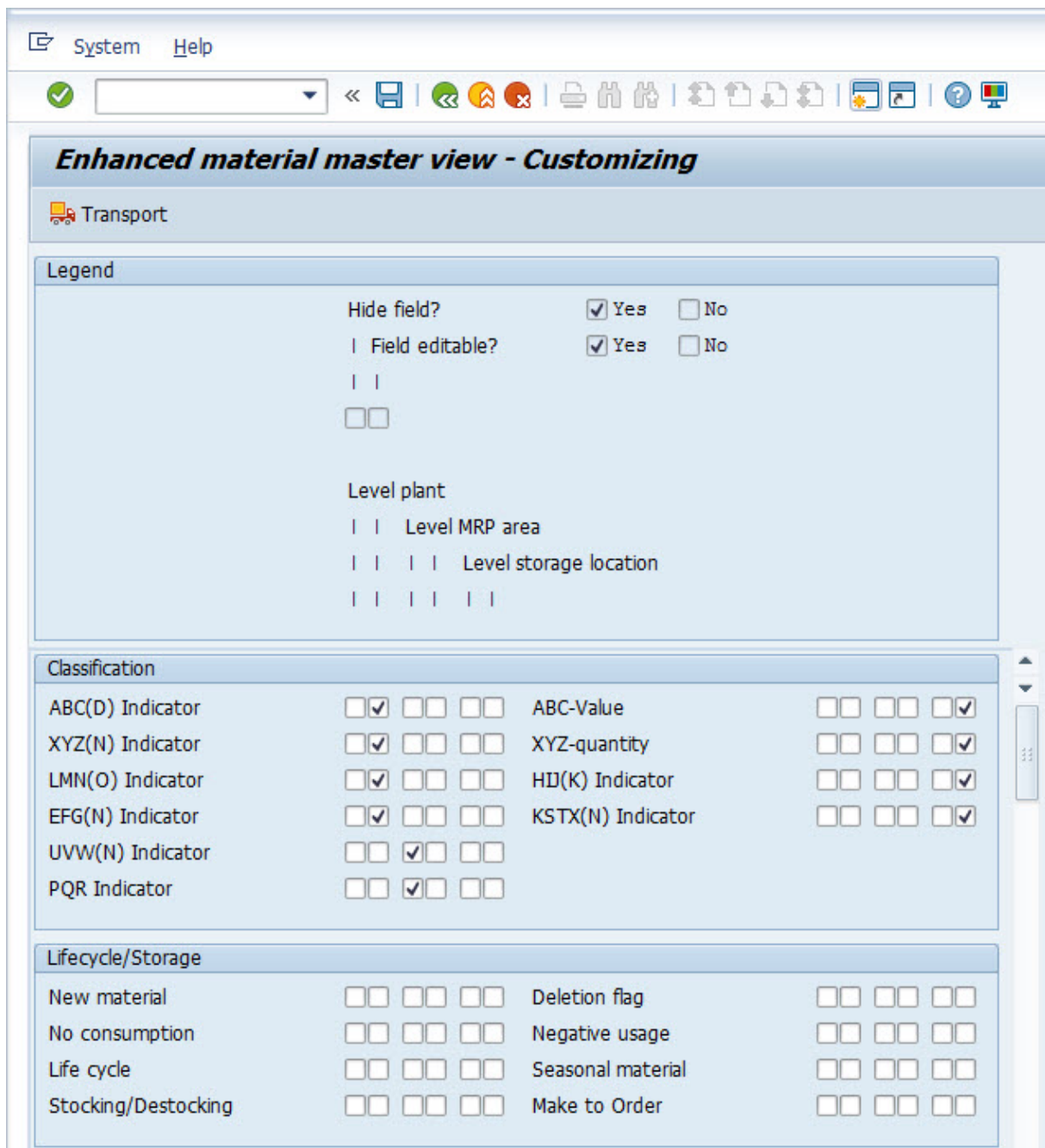
3.3 Enhanced Customizing

Settings in the **enhanced material master view** are covered by the enhanced Customizing that is delivered with the SCM Consulting Solutions. Details are described in the following subsections.

3.3.1 Displaying Fields

Customizing

After standard SAP Customizing has been completed, you can now adjust the appearance of the **enhanced material master view** in detail. This means that each individual field within the screens (blocks) can be shown or hidden. You can also specify whether a field is to be ready for user input. To do this, call transaction [SAPL0M/MEH_C](#).



Customizing the Appearance in Detail

The legend is displayed in the upper part of the screen. You can define visibility and editability separately at three levels: plant, MRP area, and storage location. On delivery, all fields are visible and not editable by default. The example shown above has the following effect in the material master display:

"Classification" block

- Plant level: Fields ABC(D) and XYZ(N) are hidden, LMN(O) and EFG(N) are editable, and the remaining fields are visible but not editable.
- MRP area level: Fields UVW(N) and PQR are hidden, while the remaining fields are visible but not editable.

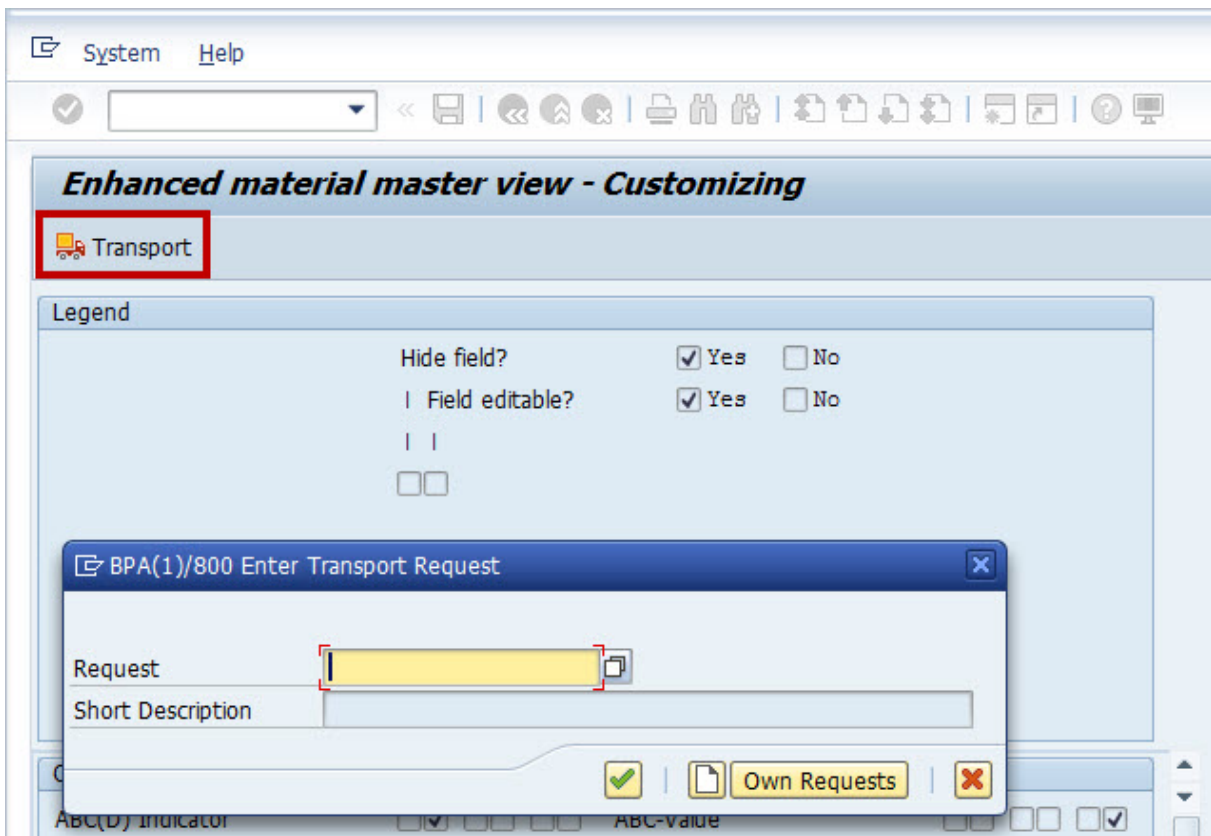
- Storage location level: Fields ABC-Value, XYZ quantity, HIJ(K), and KSTX(N) are editable, while the remaining fields are visible but not editable.

"Lifecycle/Storage" block

- All fields are visible and not editable, at all levels.

Transport

The adjustments at field level are made in the development system and then transported to the follow-on systems. To transport the settings, you need to choose the corresponding pushbutton with the truck icon on the toolbar. A dialog box with the transport request input option appears.



Transporting the Settings

3.3.2 Exception Indicators

The exception indicators are technically predefined fields in the **enhanced material master view** that you can easily use and customize. This means that you can, if necessary, customize the field names and the selection options in the input help to meet your requirements. You can configure different settings at plant, MRP area, and storage location levels.

MRP 4 | SCM CS 1 | SCM CS 2 | Forecasting | Work scheduling | Pl...

Material: P-102 Pump PRECISION 102
 Plant: 1000 Werk Hamburg
 Comment: XXX comp...

Change doc. (lst) | Change doc. (fid) | Measures | Date last update

Classification

ABC(D)-Indicator	<input type="checkbox"/>	ABC-Value	0,00
XYZ(N) Indicator	<input type="checkbox"/>	XYZ-quantity	0
LMN(O) Indicator	<input type="checkbox"/>	HIJ(K) Indicator	<input type="checkbox"/>
EFG(N)-Indicator	<input type="checkbox"/>	KSTX(N) Indicator	<input type="checkbox"/>
UVW(N) Indicator	<input type="checkbox"/>		
PQR-Indicator	<input type="checkbox"/>		

Lifecycle/Storage

New material	<input type="checkbox"/>	Deletion flag	<input type="checkbox"/>
No consumption	<input type="checkbox"/>	Negative usage	<input type="checkbox"/>
Life cycle	<input type="checkbox"/>	Seasonal material	<input type="checkbox"/>
Stocking/Destocking	<input type="checkbox"/>	Make to Order	<input type="checkbox"/>

Exception indicators I

Exception indicator 1	<input type="text"/>	Exception indicator 4	0,0
Exception indicator 2	<input type="text"/>	Exception indicator 5	0,0
Exception indicator 3	<input type="text"/>	Exception indicator 6	0,0
Exception indicator 7	<input type="text"/>		
Exception indicator 8	<input type="text"/>		
Exception indicator 9	<input type="text"/>		
Exception indicator 10	<input type="text"/>		
Exception indicator 11	<input type="text"/>		

Exception indicators II

Exception indicator 12	<input type="text"/>
Exception indicator 13	<input type="text"/>
Exception indicator 14	<input type="text"/>
Exception indicator 15	<input type="text"/>
Exception indicator 16	<input type="text"/>
Exception indicator 17	<input type="text"/>
Exception indicator 18	<input type="text"/>
Exception indicator 19	<input type="text"/>

Overview of Exception Indicators

The following technical properties cannot be changed.

Technical Properties of Exception Indicators

	Type	Length	Decimal places	Input help	Dropdown with foreign key check
Exception indicator 1-3	Alphanumeric	6	-	Available	Available
Exception indicator 4-6	Numeric	5	1	-	-
Exception indicator 7-11	Alphanumeric	30	-	Available	Available
Exception indicator 12-19	Alphanumeric	30	-	Available	-

Besides appearing in the **enhanced material master view**, the exception indicators are also included in many Consulting Solutions, among other things, as a selection criterion.

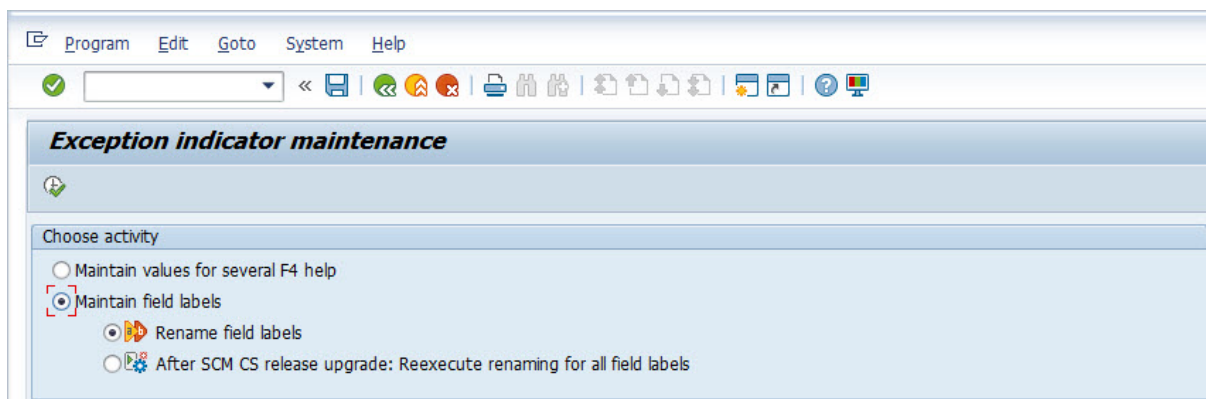
The special case indicator 9 is used for a custom classification in the **MRP monitor**. If this function is not required there, the special case indicator 9 can also be used for other purposes.

→ Tip

The central transaction for maintaining exception indicators is [/SAPL0M/X_EXINDI](#). For details, see the relevant subsections.

3.3.2.1 Rename Field Label

The field labels *Exception Indicator [1-19]* are included in your scope. However, you can adjust these field labels to your own requirements. To do this, call transaction [/SAPL0M/X_EXINDI](#).



Selection Screen

The following two options are available to you here:

- **Option 1: Rename the field labels**
With this first option, you can change the field labels in the system directly. You can do this initially or retroactively.
- **Option 2: After SCM CS release upgrade: Rename the field labels again**
You can use the second option to update the field labels. You must do this after a release upgrade of SCM Consulting Solutions is delivered because your customer-specific descriptors are overwritten with *Exception Indicator 1-19* when the new transport requests are imported. The changes already made still exist in the system; you only need to update the reset field labels again with your own specific content.

Option 1

When option 1 is selected, the following screen appears:

Data element	Ln	Short Description	Short	Medium Field Label	Long Field Label	Heading	Changed on	By	Changed at
/SAPLOM/X_EXINDI	EN	Exception indicator 1 (Plant)	Ex. ind. 1	Except. indicator 1	Exception indicator 1	Exception indicator 1	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI2		Exception indicator 2 (Plant)	Ex. ind. 2	Except. indicator 2	Exception indicator 2	Exception indicator 2	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI3		Exception indicator 3 (Plant)	Ex. ind. 3	Except. indicator 3	Exception indicator 3	Exception indicator 3	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI4		Exception indicator 4 (Plant)	Ex. ind. 4	Except. indicator 4	Exception indicator 4	Exception indicator 4	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI5		Exception indicator 5 (Plant)	Ex. ind. 5	Except. indicator 5	Exception indicator 5	Exception indicator 5	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI6		Exception indicator 6 (Plant)	Ex. ind. 6	Except. indicator 6	Exception indicator 6	Exception indicator 6	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI7		Exception indicator 7 (Plant)	Ex. ind. 7	Except. indicator 7	Exception indicator 7	Exception indicator 7	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI8		Exception indicator 8 (Plant)	Ex. ind. 8	Except. indicator 8	Exception indicator 8	Exception indicator 8	02.02.2018	D054381	09:31:09
/SAPLOM/X_EXINDI9		Exception indicator 9 (Plant)	Ex. ind. 9	Except. indicator 9	Exception indicator 9	Exception indicator 9	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI		Exception indicator 1 (MRP area)	Ex. ind. 1	Except. indicator 1	Exception indicator 1	Exception indicator 1	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI2		Exception indicator 2 (MRP area)	Ex. ind. 2	Except. indicator 2	Exception indicator 2	Exception indicator 2	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI3		Exception indicator 3 (MRP area)	Ex. ind. 3	Except. indicator 3	Exception indicator 3	Exception indicator 3	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI4		Exception indicator 4 (MRP area)	Ex. ind. 4	Except. indicator 4	Exception indicator 4	Exception indicator 4	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI5		Exception indicator 5 (MRP area)	Ex. ind. 5	Except. indicator 5	Exception indicator 5	Exception indicator 5	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI6		Exception indicator 6 (MRP area)	Ex. ind. 6	Except. indicator 6	Exception indicator 6	Exception indicator 6	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI7		Exception indicator 7 (MRP area)	Ex. ind. 7	Except. indicator 7	Exception indicator 7	Exception indicator 7	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI8		Exception indicator 8 (MRP area)	Ex. ind. 8	Except. indicator 8	Exception indicator 8	Exception indicator 8	02.02.2018	D054381	09:31:09
/SAPLOM/X_MEXINDI9		Exception indicator 9 (MRP area)	Ex. ind. 9	Except. indicator 9	Exception indicator 9	Exception indicator 9	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI		Exception indicator 1 (storage location)	Ex. ind. 1	Except. indicator 1	Exception indicator 1	Exception indicator 1	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI2		Exception indicator 2 (storage location)	Ex. ind. 2	Except. indicator 2	Exception indicator 2	Exception indicator 2	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI3		Exception indicator 3 (storage location)	Ex. ind. 3	Except. indicator 3	Exception indicator 3	Exception indicator 3	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI4		Exception indicator 4 (storage location)	Ex. ind. 4	Except. indicator 4	Exception indicator 4	Exception indicator 4	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI5		Exception indicator 5 (storage location)	Ex. ind. 5	Except. indicator 5	Exception indicator 5	Exception indicator 5	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI6		Exception indicator 6 (storage location)	Ex. ind. 6	Except. indicator 6	Exception indicator 6	Exception indicator 6	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI7		Exception indicator 7 (storage location)	Ex. ind. 7	Except. indicator 7	Exception indicator 7	Exception indicator 7	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI8		Exception indicator 8 (storage location)	Ex. ind. 8	Except. indicator 8	Exception indicator 8	Exception indicator 8	02.02.2018	D054381	09:31:09
/SAPLOM/X_SEXINDI9		Exception indicator 9 (storage location)	Ex. ind. 9	Except. indicator 9	Exception indicator 9	Exception indicator 9	02.02.2018	D054381	09:31:09

Reference Table

In the reference table displayed, the individual exception indicators are displayed in the logon language for the first call. Both the exception indicators at plant level and those of the and are listed. These texts form the basis for renaming and translation into other languages. If you want to change a label, select a single row and choose *Rename Field Label*. You can also edit the texts by double-clicking on the relevant row. A dialog box containing the different values for the field labels and the heading is then displayed.

Kopfdaten	
Datenelement	/SAPLOM/X_EXINDI
Kurzbeschreibung	Sonderfall-Indikator 1

Sprache	
Sprache	DE Deutsch Bitte F4-Hilfe nutzen um die Sprache zu ändern

Feldbezeichner	
Feldbezeichn. kurz	Son-Ind 1
Feldbezeichn. mittel	Sonderf-Indikator 1
Feldbezeichn. lang	Sonderfall-Indikator 1
Überschrift	Sonderfall-Indikator 1

Dialog Box for Changing Field Labels

You can adjust the field labels here according to your own requirements. If you want to create a field label in a different language, select the required language using the input help. You can then make changes also for this language.

When you save (diskette icon), the field labels are changed directly in the system and an entry is added to the reference table. In this way, you always have an overview of the changes made. You can make further changes at any time.

Furthermore, if necessary, you can delete individual entries from the reference table. To do this, select the relevant row and choose the delete button in the toolbar (right side). By doing this, you delete the entry from the reference table and the field label in the system itself.

A further function in the toolbar is sorting (right side). In addition to the standard sorting by data element, you can also sort by language, which can be useful when multiple languages are used.

Option 2

When option 2 is selected, the following dialog box is displayed:

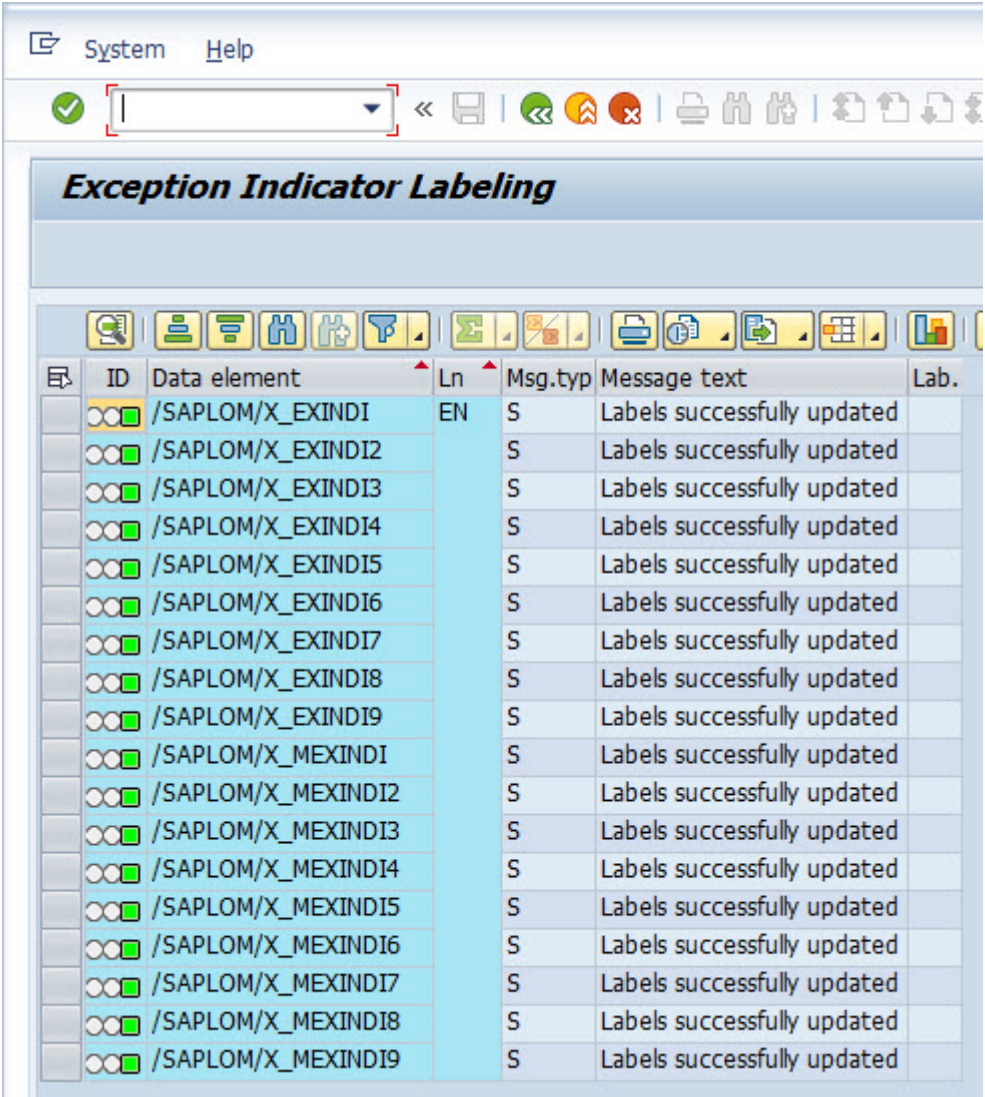
BPA(1)/800 Attention

This action changes labels of data elements in dictionary, do you want to continue?

Confirmation Prompt

Use this option only if your customer-specific adjustments have been overwritten by a release upgrade or a correction transport. If you answer the question with **Yes**, all of the entries from the reference table described

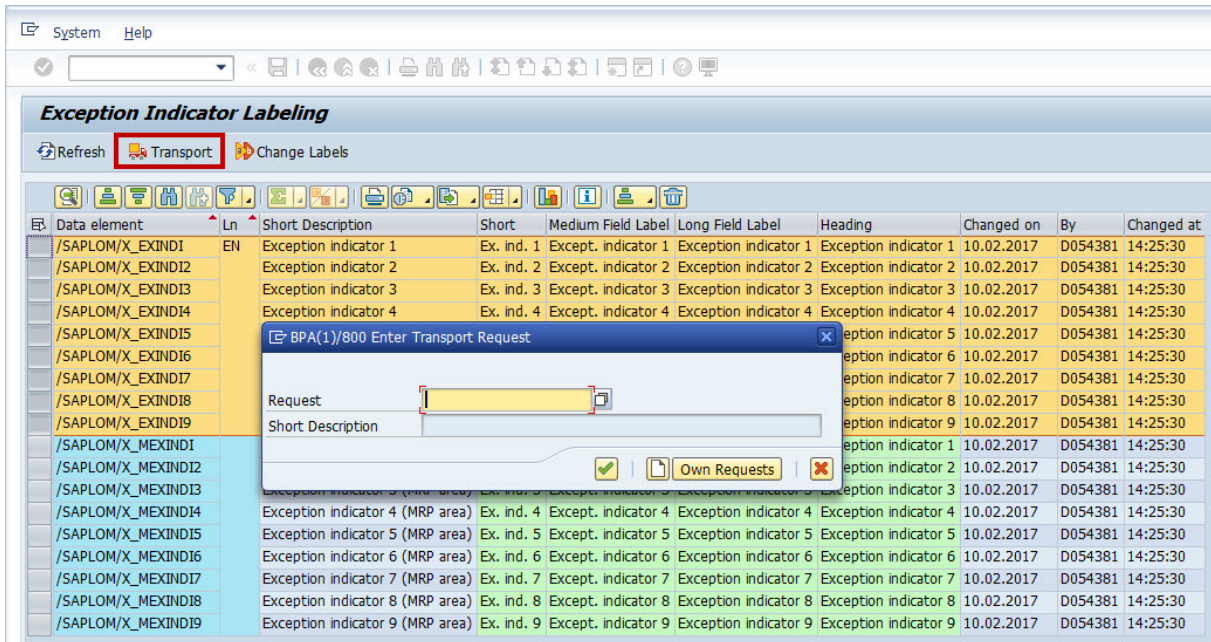
previously are used to update the field labels in the system with your customer-specific content. The log subsequently displayed gives you information about whether the update was successful.



Update Log

Transport

Regardless of the option you have selected, we recommend that you transport the changes to the follow-on systems. To do this, select the relevant entries from the reference table and then choose *Transport*. You are prompted to enter a valid transport request.



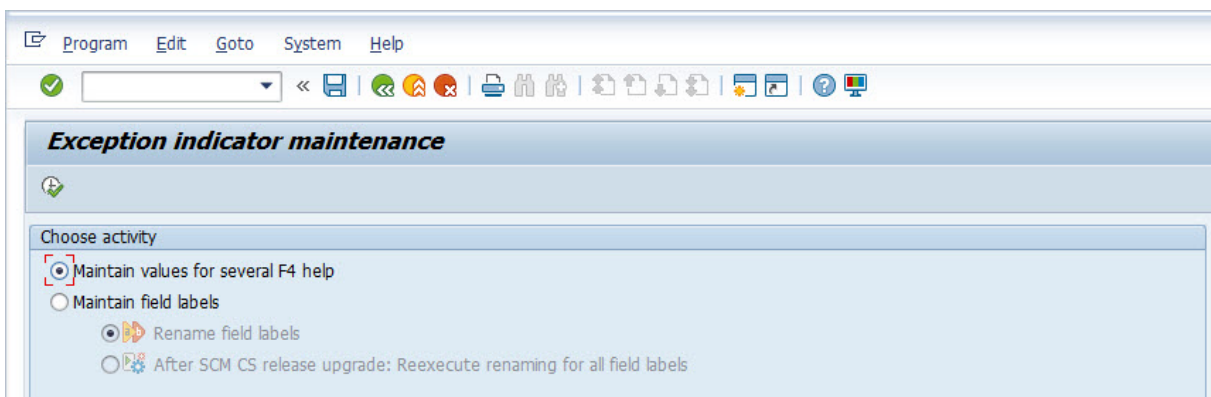
Transporting Changes

⚠ Caution

During the transport, the entries from the reference table are not transported but rather the data elements themselves. This means that the reference table remains empty in the follow-on systems, and you simply need to run the transaction `/SAPLOM/X_EXINDI` in the development system. It is important that you first import the initial delivery/correction/upgrade transport into the follow-on systems before you import the transport of data elements with the changed field labels.

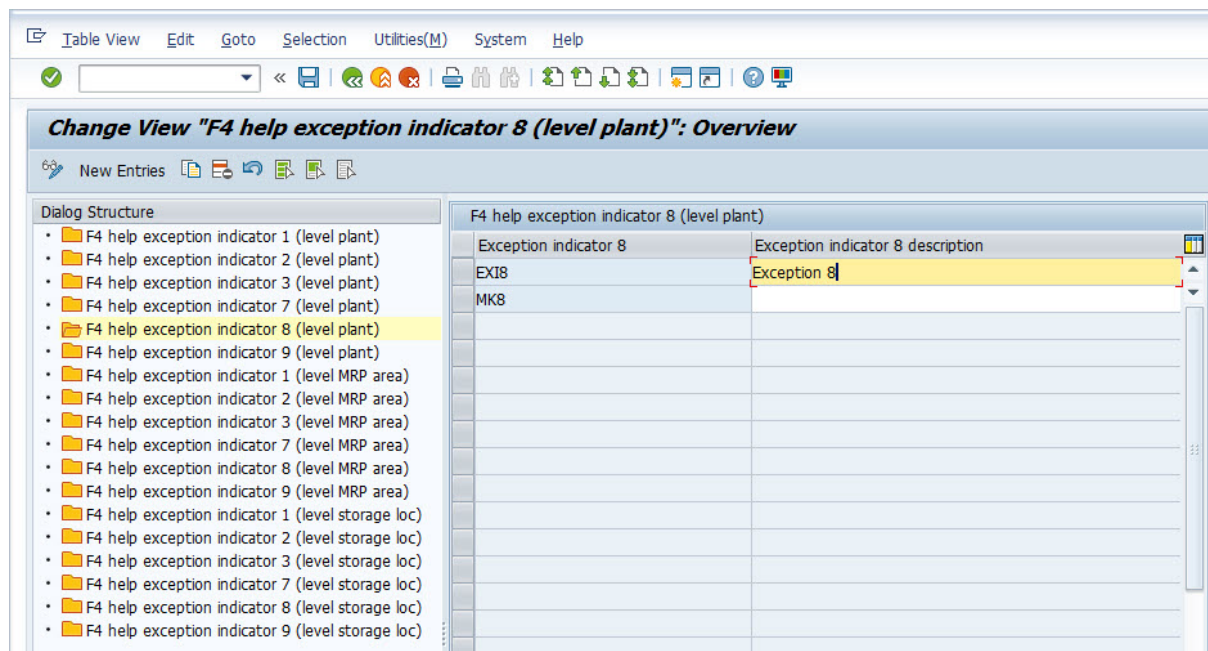
3.3.2.2 Define Input Help

You can define the input help (F4) freely for the alphanumeric exception indicators 1-3 and 7-19. A distinction is made between the levels of plant, MRP area, and storage location. Processing is carried out with transaction `/SAPLOM/X_EXINDI`:



Initial Screen for Transaction `/SAPLOM/X_EXINDI`

The "Maintain values for several F4 help" option allows you to maintain individual input help selections centrally. The list of all exception indicators can be found on the left. By double-clicking, you can navigate to the corresponding maintenance screen on the right.



Centralized Maintenance of All Input Help

For a key, you can create individual descriptions in different languages. You have two options to maintain the language-dependent descriptions. You can either log on to the system in the language you require and maintain the labels directly in transaction [/SAPL0M/X_EXINDI](#), or you can use the standard translation function. To do this, choose **► Goto ► Translation ►** and select the language you require.

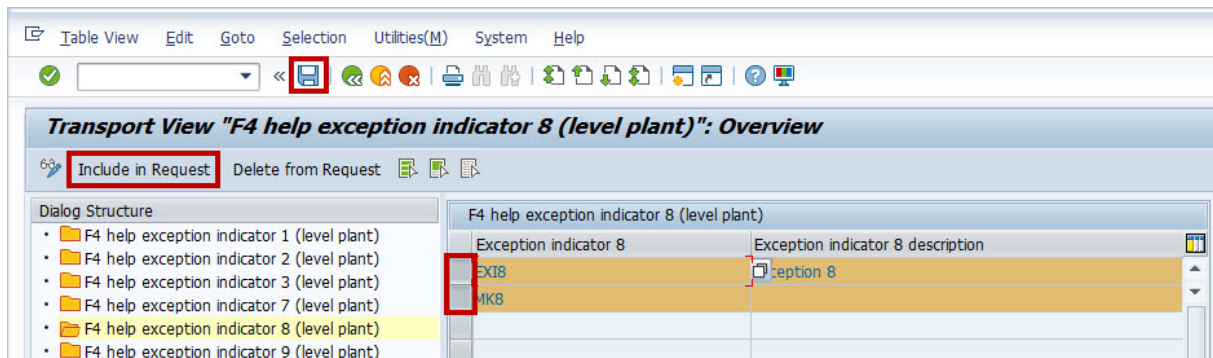
→ Tip

As of Release 2017, the input help for exception indicators is language dependent. This means that non-language-dependent values maintained before Release 2017 can no longer be used. If you would like to reuse values from earlier release versions in the current release, use the following tables in transaction [SE16/SE16N](#) as a guide:

- Exception indicator 1: [/SAPL0M/X_EXIN_T](#)
- Exception indicator 2: [/SAPL0M/X_EXI2_T](#)
- Exception indicator 3: [/SAPL0M/X_EXI3_T](#)

If this transaction is not available to you in the development system, use transaction [SM30](#) to look in one of the follow-on systems (test or production system) with an older release version.

You only need to maintain the adjusted values once in the development system. You can then transport them to the follow-on systems. Start the transport by choosing **► Table View ► Transport ►**. Enter a corresponding transport request, then select the desired entries and choose "Include in request". Save your entries to ensure that the entries are saved in the transport request.



Transporting Input Help

⚠ Caution

As of Release 2018, the selection of input help values for the special case indicators 1-3 and 7-11 is restricted to previously maintained values. It is therefore no longer possible to assign the field freely. This has the advantage of increasing data quality and preventing incorrect entries. For the special case indicators 12-19, optional values can be maintained for the input help, however, other values can also be stored in the fields.

3.4 Help

If you have further questions regarding the **enhanced material master view** of the **SCM Consulting Solutions** or require help with configuration, create a customer message on SAP Service Marketplace under the component `XX-PROJ-CON-MEH`.

4 Configuration of the Material Document Aggregation

4.1 Maintain Customer-Specific Settings (Expert Tool)

In addition to the user transaction for material document aggregation, the expert tool `/SAPLOM/MDA_C` is provided. This enables advanced settings such as the presetting of fields and customer-specific showing and hiding of fields on the selection screen and the result screen.



Due to the complex system logic, changes are not intended for the user. Contact us if you feel that adjustments are required for your use case.

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