

# MICROS Materials Control

## Changes in Version 8.8.00.41.1486



Product version **8.8.00.41.1486**

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# Introduction

This document will describe the changes and new features implemented in the version 8.8.00.41.1486 of Materials Control.

## Before installing:

Please ensure that there are no more open inventories before starting the update!

All Shipment Invoices must be closed and booked before starting the update. The old Shipment Control module no longer available after this update!

Make a backup of the Client Installation Master. Please make a backup of all customized files (e.g. reports, SQL.INI, FMLOGIN.INI, C\_\*.QRP, etc.).

## Development Environment:

With version 8.6.6.30 the entire development environment was upgraded. We are using now Gupta (former Unify) Team Developer 6.0 which is the current release from Gupta.

This update now brings MC back to latest technology and allows us to prepare for the future. As a result of that some points should be considered:

a) Install Routine:

The entire install routine has changed. This will be explained in detail [below](#).

b) Report Writer:

This version requires a newer version of the Report Writer. Please see the details in the related [chapter](#).

## Installation:

### Ensure that you have all rights (read/write/delete/create) on the PC's directory structure.

The release application will no longer be delivered in separate Setupx.zip files, but in one single package.

Patches within the current version will be delivered in one single update package which can be installed upon the matching release version.

These packages will be named like shown below:

- 130503\_MC\_Full8.8.00.41.1486
- yymmdd\_MC\_Update 8.8.00.xx.xxxx\_from8.00.xx.xxxx

Explanation of the naming:

- 130503 This is the creation date of the build, here May, 3<sup>rd</sup> 2013
- MC\_Full/MC\_Update This shows the type of the package.
- 8.8.00.41.1486 This is the exact version of the package.
  - Main Version 8.8
  - Sub Version 00
  - Patch level 41
  - Database Version 1486
- \_from8.00.41.1486 in case of the update package here the lowest allowed base version for this package is shown. For installations in older version the Full installer must be used and there the update option should be selected.

How to install the new release?

Unzip the 130503\_MC\_Full 8.8.00.41.1486 package. When using WINZIP (or similar) select the option "Extract to here"

1. A new folder "130503\_MC\_Full 8.8.00.41.1486" will be created
2. Run SETUP.EXE to update the existing application. The details of the installation process are explained in the manual "MC Application Installation 8.7.20"  
Please read this document carefully in order to ensure a proper installation.
3. After installing the first client start the application
4. Go to System > Database Update
5. Run Database Update (will be updated to DB version 14.86)
6. Run Reorganization
7. Run SETUP.EXE for all other clients

**NOTE 1:** When starting the installation process, the application will check for the correct MICROSOFT .NET version.

In order to run Materials Control at least version 3.5 of .NET Framework is required. The installation cannot be finalized if this could not be located on the PC.

**NOTE 2:** In certain cases the SETUP.EXE asks for a reboot of the PC after installation/update. This is a controlled message and the reboot is absolutely required then.

# Changes:

The update to this version will require setup changes and training for the end users. Several major procedures have been changed!

In order to be able to read this document correctly, please load the KEYCAPS font in your word-processing application. The necessary files can be found on the FTP server in the documentation directory.

Please read all chapters of this document carefully. Especially the section [General Changes](#) contains details that may affect all customers.



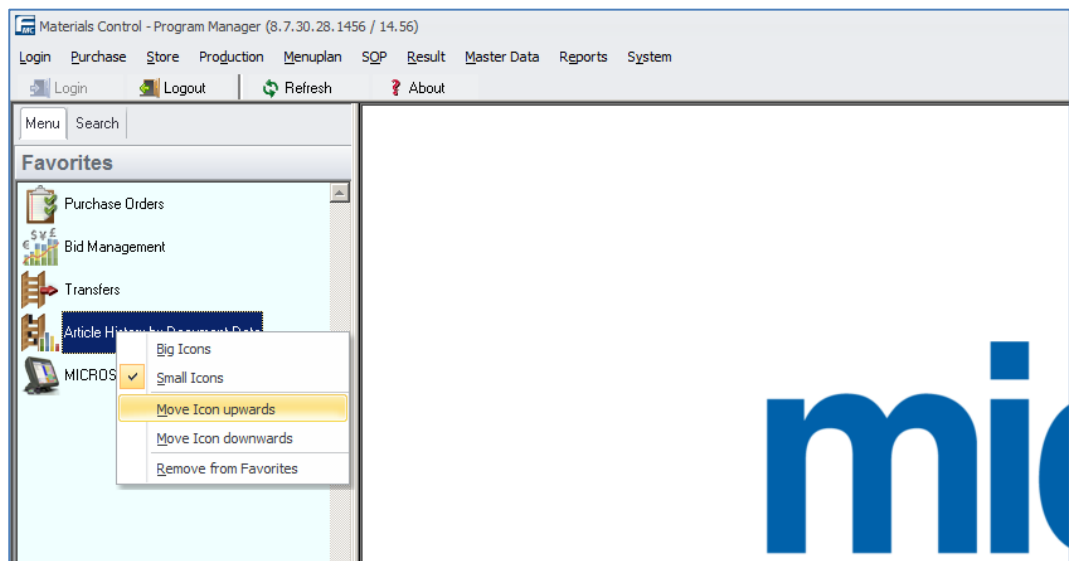
## I. Main Application:

### 1) Login > Domain User Support

The application now allows to use the Windows Domain User to login into Materials Control. Using this feature Domain Users known to Materials Control do not need to enter the user name and the password anymore.  
Please see the separate manual "39\_MC\_Manual\_FMLOGIN\_INI" for details.

### 2) Side Bar > Favourites Sorting

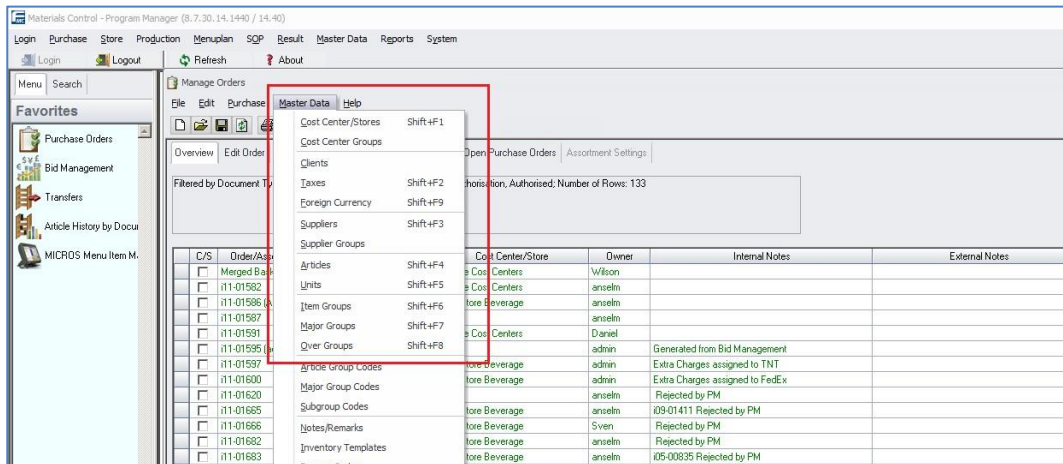
With the technology changes in 8.6.30 the sorting function for the favourites in the side bar got lost.



This feature now was implemented again.

### 3) Module Short Keys

All modules of Materials Control allow to call the most important Master Data modules by using short keys like e.g. **J+O** for Articles.



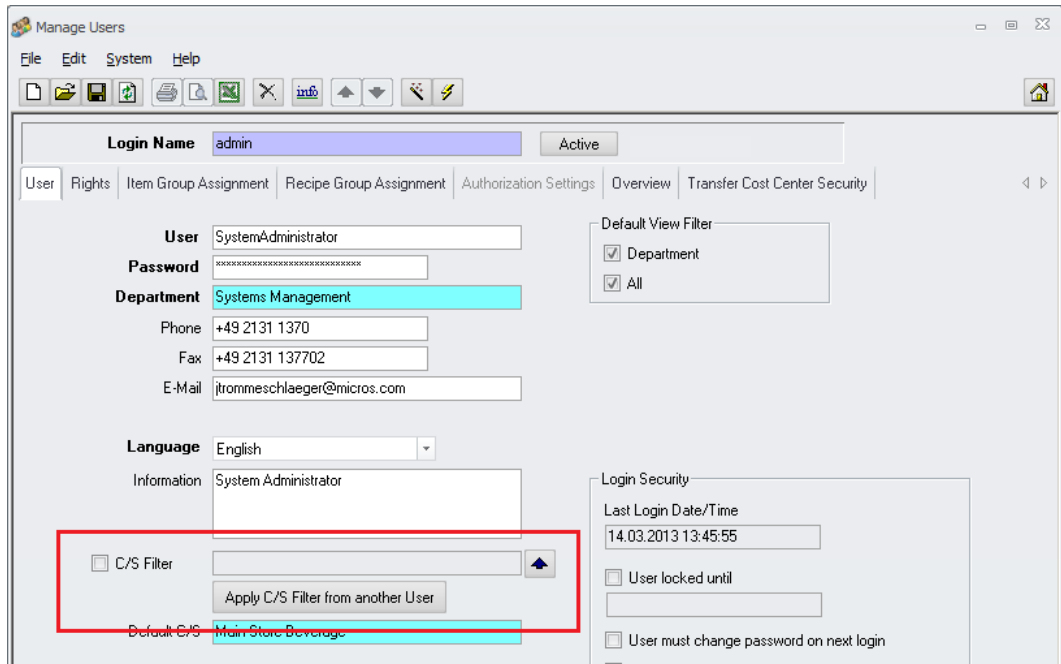
But in former versions that always required to have any main module opened. This functionality way now added to the main application as well.



## II. Master Data:

### 4) Cost Centers > User Assignment

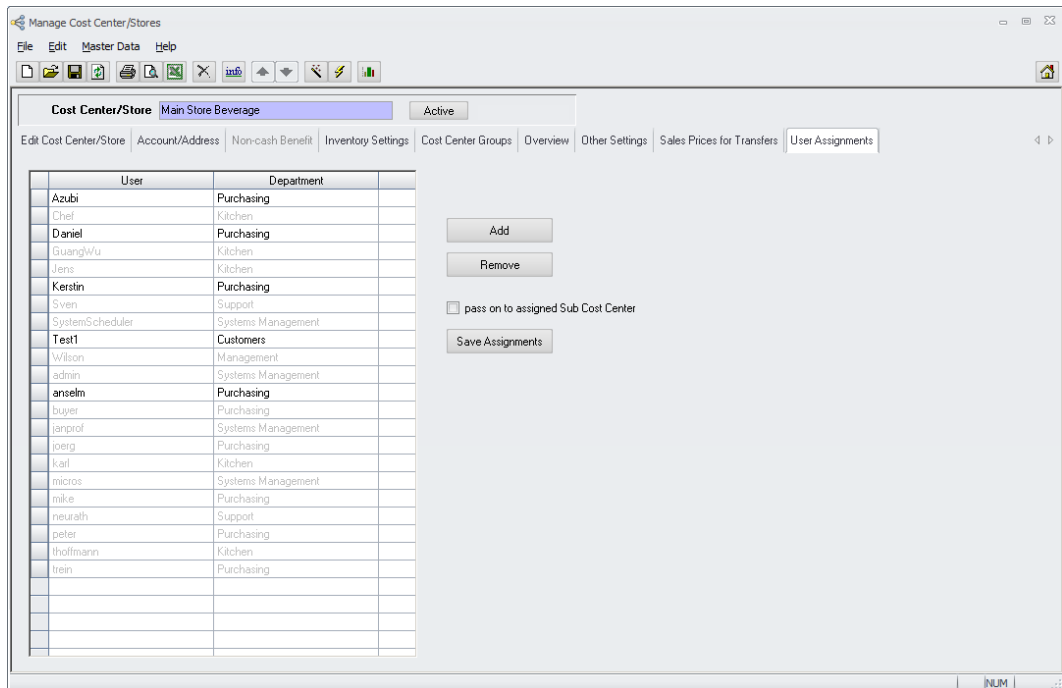
In former versions the assignment of users to cost centers was possible in the User module only.



This is perfect in case new users are created. But when creating new cost centers it was required to select each related user first and then add the new cost center to his filter.

In order to speed up this case a function was added in the Cost Center module. Now it is possible to add here all users which should have access to the new cost center.

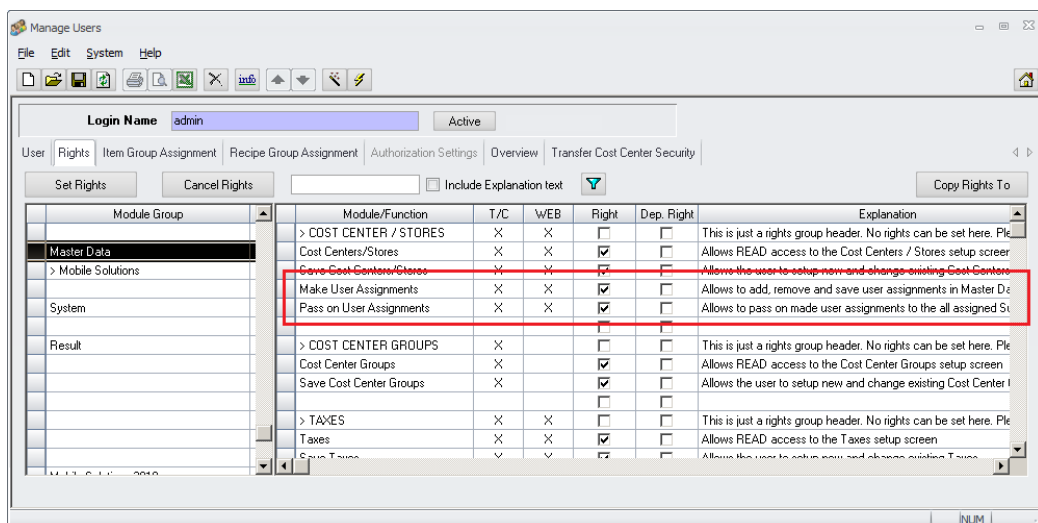
Open the module Cost Center and switch to the new tab User Assignments:

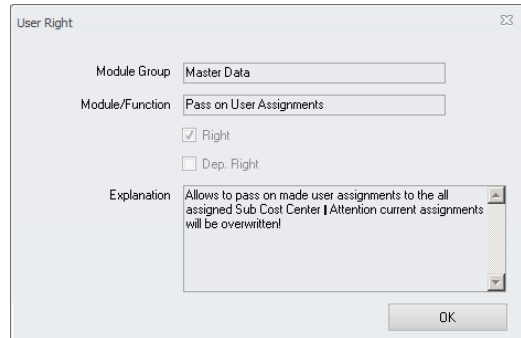
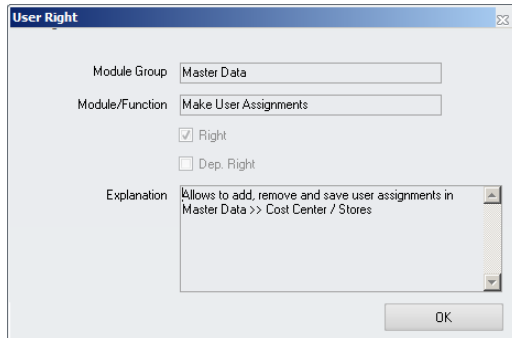


The grid on the left side shows all users having access to the selected cost center.

- Shown in grey: These users do not have any cost center filter activated at all. Those cannot be edited here.
- Shown in black: These users have a cost center filter activated and the selected cost center is part of the definition.

Using the buttons next to the grid the assignments can be edited. As a pre-requisite the user needs to have the rights shown below:

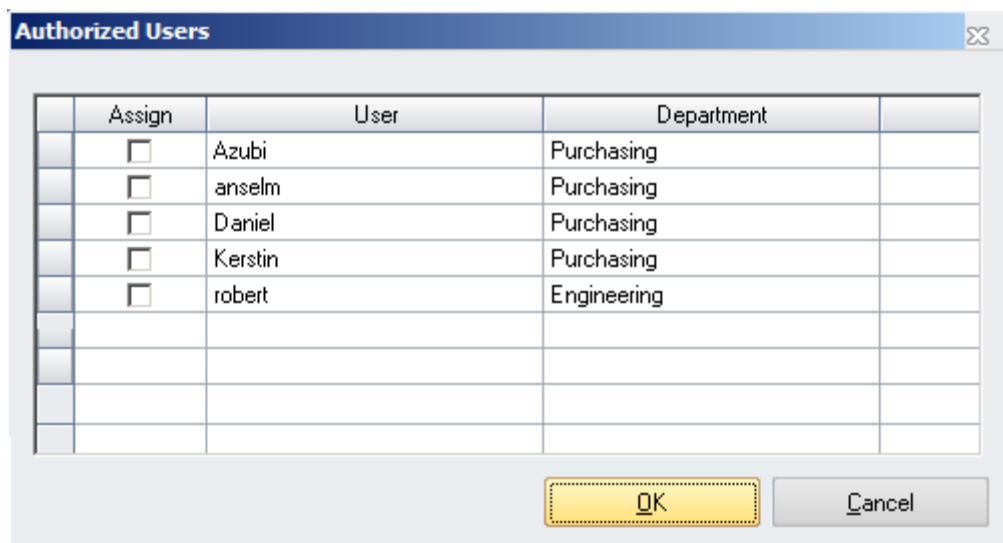




- **Make User Assignments:**  
Allows to add, remove and save user assignments to the selected cost center.
- **Pass on User Assignments:**  
Allows to add all assigned sub cost centers to the filter as well.



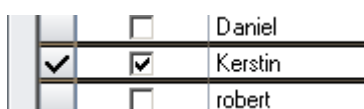
Click in this button to add a user to the list. On click first a search/filter dialog is shown. Enter eventually required criteria and click OK:



The system now shows all users ...

- ... having the Cost Center Filter activated and
- ... not yet assigned to the selected cost center

Mark the checkbox for all users to be assigned to the cost center ...



... and click on OK to confirm the action. The user(s) will be added to the end of the list.

Click on the button  to confirm the action.

Remove

To remove a user from the list he needs to be marked first ...

Jens	Kitchen	
Sven	Support	
SystemScheduler	Systems Management	
Test1	Customers	
Wilson	Management	
admin	Systems Management	
buyer	Purchasing	
<b>eddi</b>	<b>Purchasing</b>	
janprof	Systems Management	
joerg	Purchasing	

Add

**Remove**

pass on to assigned Sub Cost Center

Save Assignments

... followed by a click on the Remove button.

Jens	Kitchen	
Sven	Support	
SystemScheduler	Systems Management	
Test1	Customers	
Wilson	Management	
admin	Systems Management	
buyer	Purchasing	
<b>x eddi</b>	<b>Purchasing</b>	
janprof	Systems Management	
joerg	Purchasing	

Add

**Remove**

pass on to assigned Sub Cost Center

Save Assignments

Now the marked record(s) shows a small x in the first column.

Finalize the action by clicking on the button **Save Assignments**. The record is now removed from the list.

pass on to assigned Sub Cost Center

This function allows to assign the selected user to the selected cost center as well as to all cost centers assigned to this one following the entire hierarchy.

In the same way this function works when removing a user from the list. In this case it will also remove all other subordinated cost centers from the user's cost center filter.

The system will show a warning message first:

Materials Control - 8.7.30.38.1457 ✖

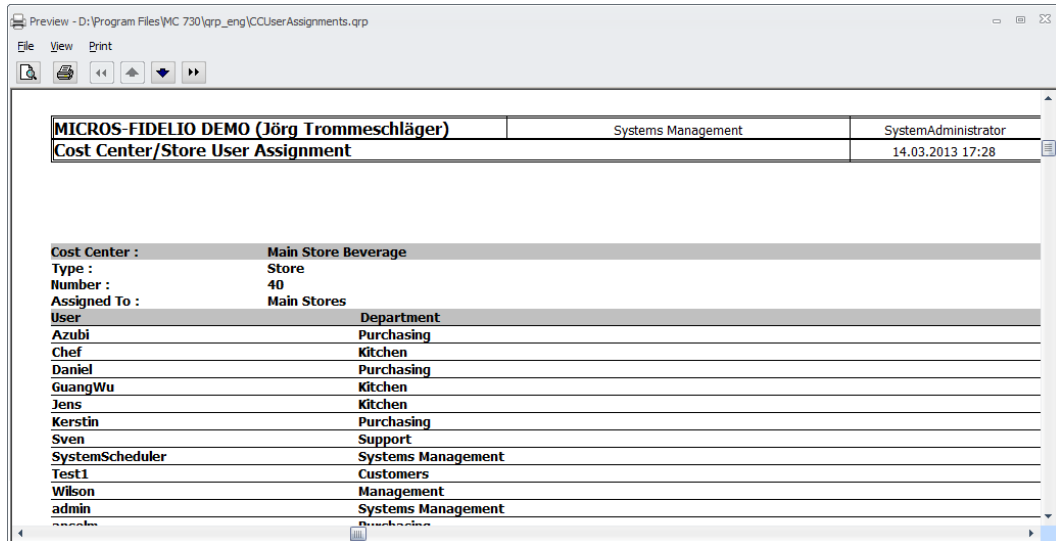
Your changes will be passed on to all assigned sub cost center. Current assignments will be overwritten. Are you sure you want to continue?

Yes
No

Once done please confirm the action with the button **Save Assignments**.

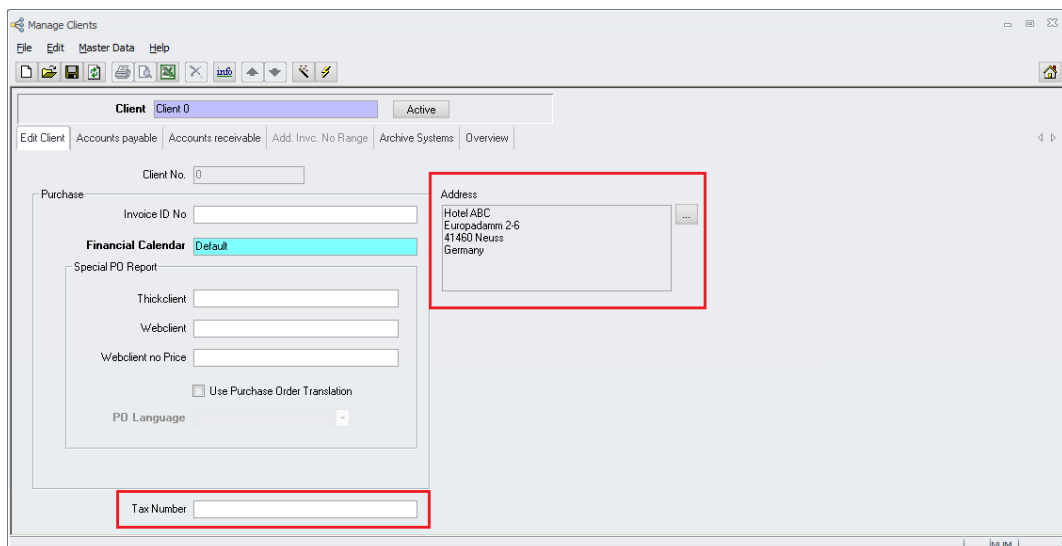
**NOTE:** This function might overwrite previously done assignments!

The Print/Preview button in the toolbar also allows to print a report showing all users assigned to the selected cost center:



## 5) Clients > Address Fields

The module Manage Clients was enhanced:



On the left side at the bottom the tax number for the client could be defined in the new field "Tax Number".

On the right side also the address for this client could be defined. On click on the button the well-known address dialog (see "Manage Suppliers") is opened.

**Edit Address** [Close]

Addressline 1: Hotel ABC

Addressline 2:

Street Address: Europadamm 2-6

City: Neuss

Postal Code: 41460

Country: Germany

[OK] [Cancel]

Define the details and confirm with  to save the entries.

The address information is now shown in the read-only area:

**Address**

- Hotel ABC
- Europadamm 2-6
- 41460 Neuss
- Germany

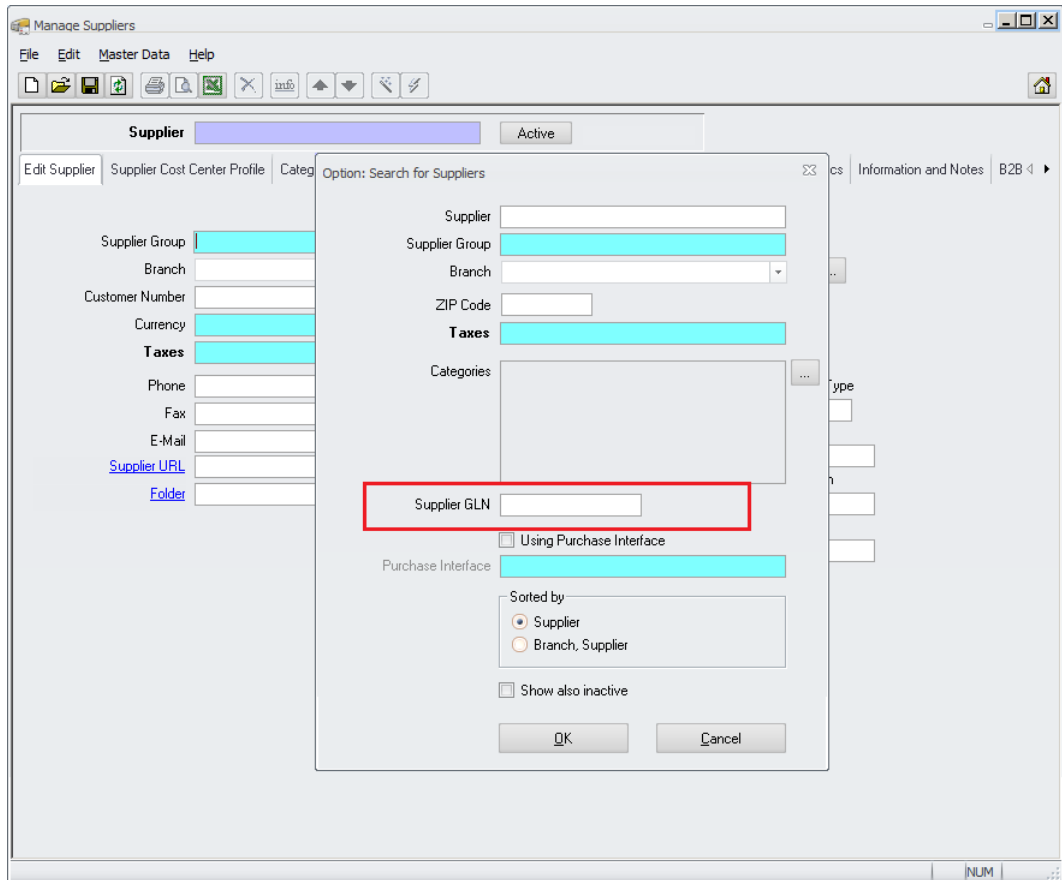
## 6) Suppliers > Shipment Configuration

The configuration check box “Shipment” was removed from the screen as the module “Shipment” was now completely replaced with the “Adjustment” package.

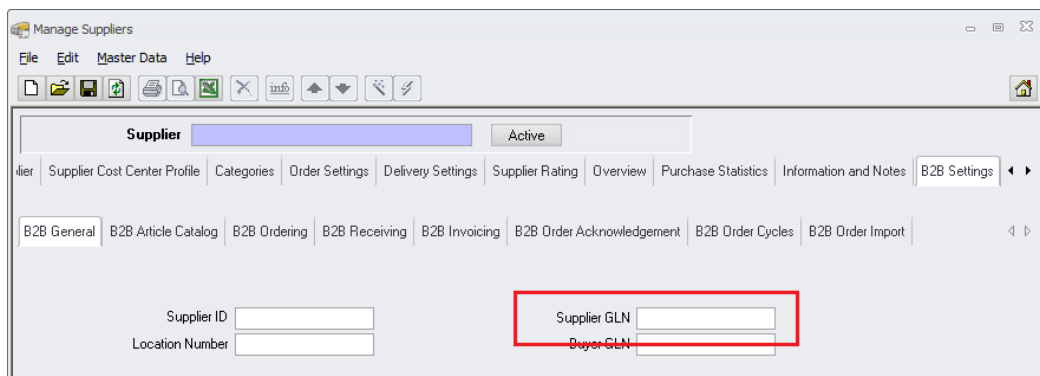


## 7) Suppliers > Search by Supplier GLN

The search dialog now allows to search for a specific supplier GLN (Global Location Number).



The application will then search for exact matches or strings (using %) in the related field in the supplier setup:



### 8) Suppliers > B2B FTP Passwords

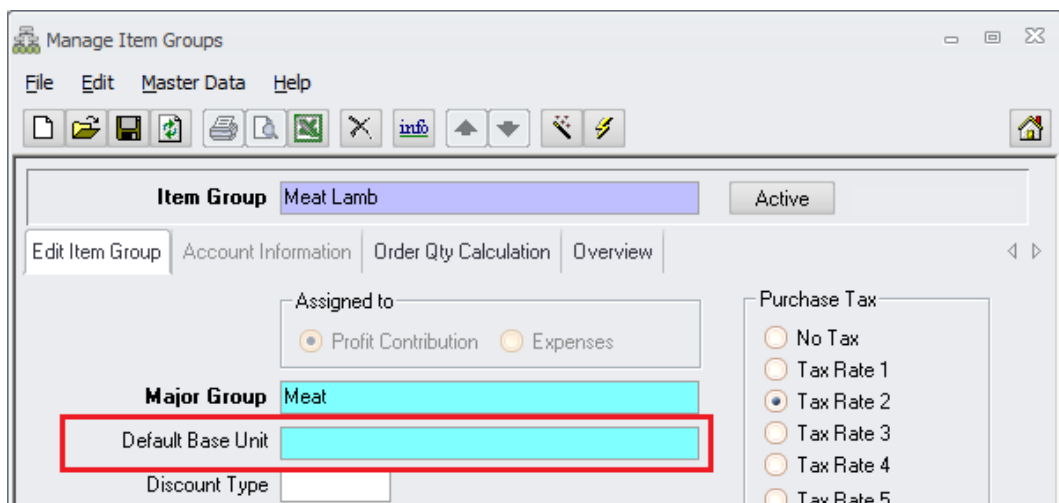
The FTP passwords defined in the Supplier > B2B Settings > FTP Options are now encrypted in the database as well. In former versions those were encrypted in the GUI only.

### 9) Articles > Default Base Unit

Usually articles in one item group have the same base units, e.g. meat articles always will have "Kilogram" as base unit.

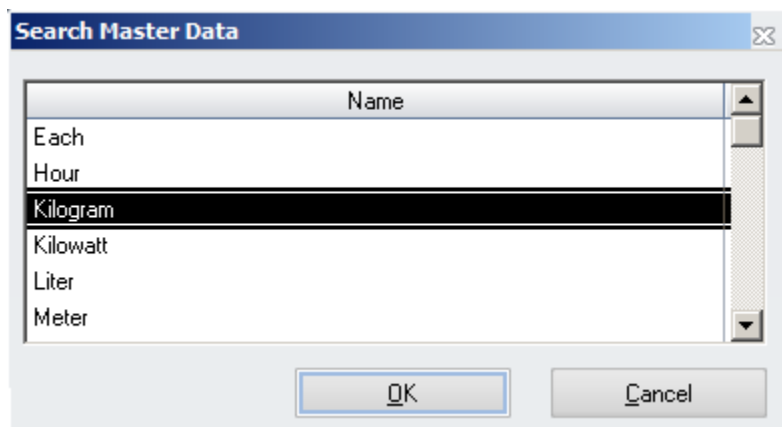
In order to simplify and speed up the article creation process the system now can suggest a default base unit after the item group was selected.

Go to Master Data > Item Groups > select any item group:



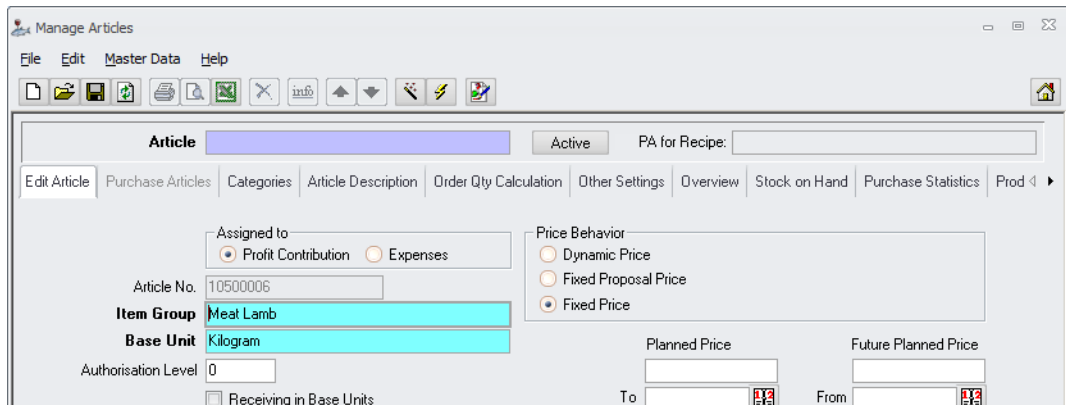
Here a new selection field is shown to define the default base unit.

Select the default unit from the list of the base units:



... and save the item group.

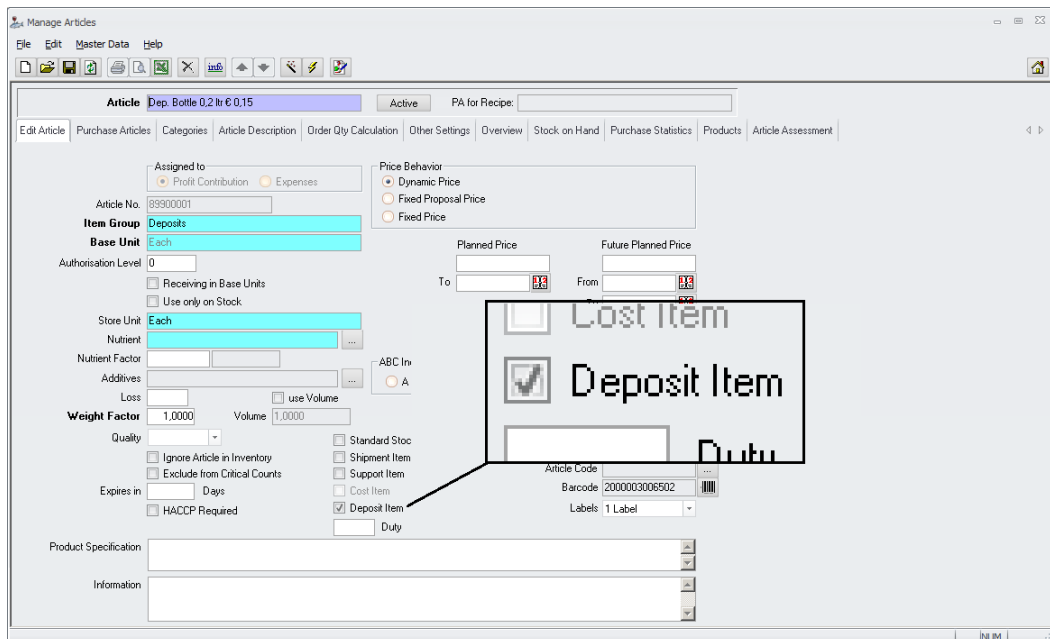
Now the system will suggest the default base unit after selection of the item group.



Of course it could be changed if required.

## 10) Articles > Deposit Item

A new checkbox was added to the Article configuration.



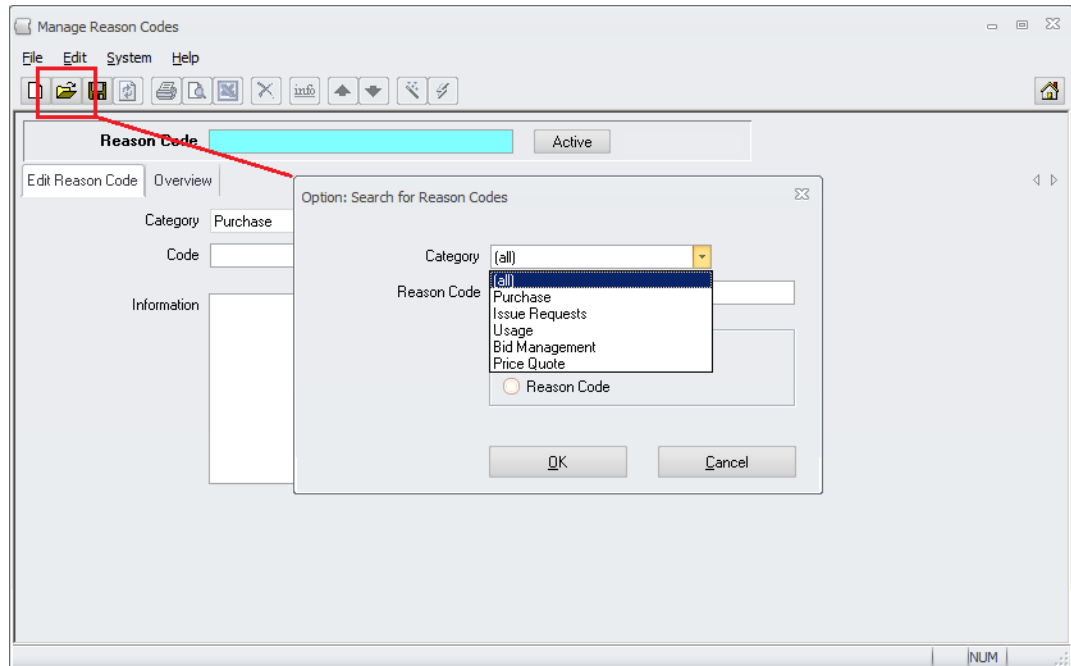
This flag needs to be set if the article should be used as deposit article and linked with a deposit unit. Otherwise the article will not be visible in the selection box when setting up deposit units.

During the Update this flag will be set automatically for all articles already linked to a deposit unit.

For further details please see the updated manual "103\_MC\_Deposit\_Management".

## 11) Reason Codes > Overview Filter

A filter option was added to the Options dialog in the Reason Code Overview:



- By default the combo box shows “(all)” as selection.
- The user could select from one of the available reason code categories
- After selection and confirmation the system show reason codes of the selected category only

## 12) Adjustments > Costing Factor

The last missing feature from the old Shipment Control module, the “Costing Factor” was now implemented into the Adjustments package. Please see the separate manual “120\_MC\_Adjustments” for details.

## 13) Adjustments > Shipment for marked Items

A new calculation method, the “Shipment spread (to marked Articles only)” was added to the Adjustments package. Please see the separate manual “120\_MC\_Adjustments” for details.

## 14) Adjustments > Shipment for exclusive Items

A new calculation method, the “Shipment spread to Exclusive Articles only” was added to the Adjustments package. Please see the separate manual “120\_MC\_Adjustments” for details.

## **15) Master Data Translation > Save Master Data**

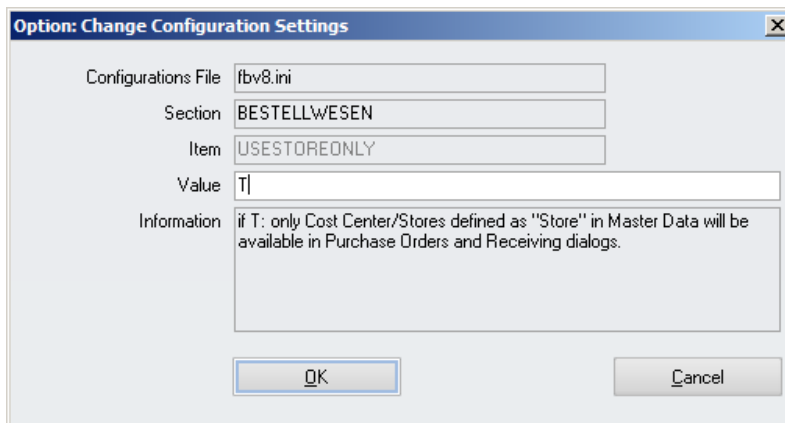
The Master Data Translation functionality was adjusted to allow changes to the Master Data records (if user rights are set) now, but still except the Master Data Names, like e.g. article name, unit name, cost center name, etc. ...  
For further details please see the updated manual  
"125.1\_MC\_Translation\_Master\_Data\_Manual".

### III. Purchase:

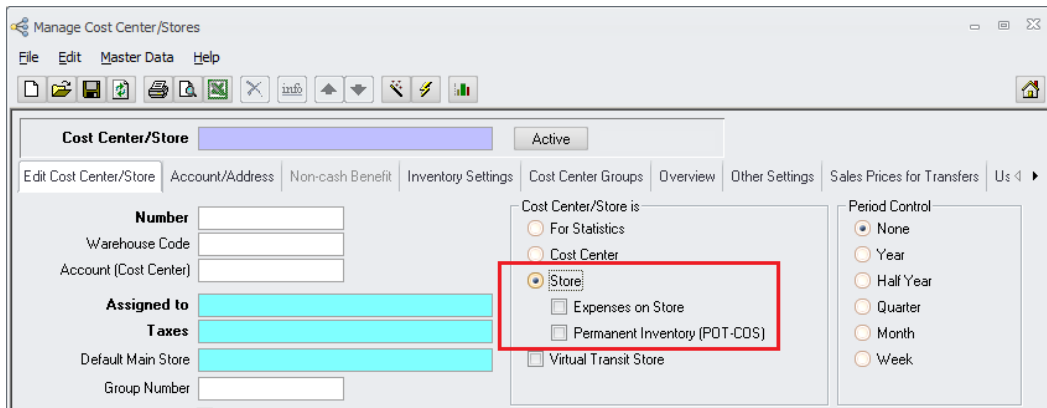
#### 16) Purchase Order > Stores only

A new configuration was added to filter the selectable cost centers in module Purchase Orders.

Go to System > Configuration > [BESTELLWESEN] and search for the parameter UseStoreOnly:



If set to T, the system will show only locations defined as Store (and its sub options) in the Cost Center setup at creation of purchase orders.

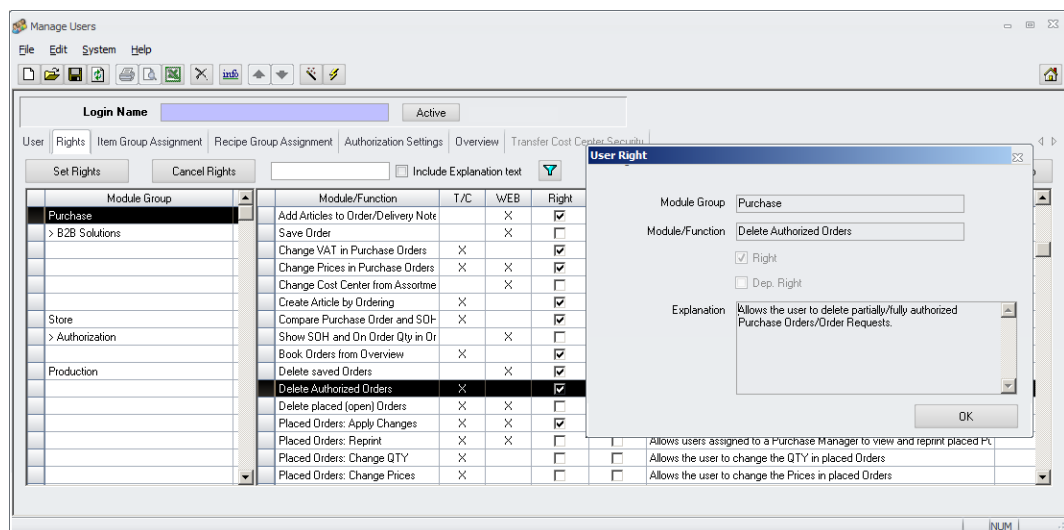


## 17) Purchase Orders > Delete authorized documents

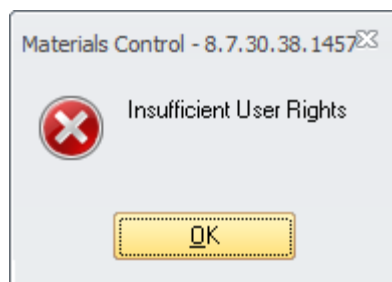
A new user right was added to control the deletion of fully or party authorized documents.

The right can be found in User Rights > Module Group Purchase > Purchase Orders and is named:

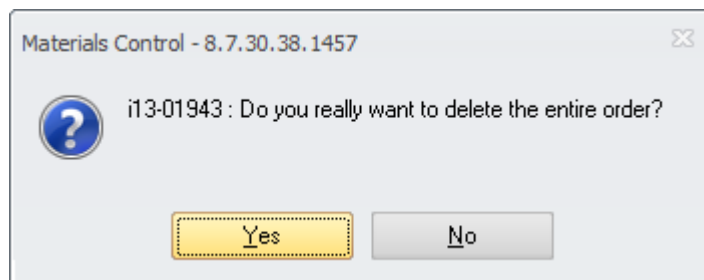
Delete Authorized Orders



If the right is not set, the system will show the following message when trying to delete an authorized document:



If the right is set the following will be shown:



If the user clicks on “No” the dialog is closed and the system will return to the overview screen.

If the user clicks on “Yes” the document will be deleted and then the system will return to the overview screen.

The deletion will be tracked in the Control Table:

Checked	Date	Action	Information
<input type="checkbox"/>	08.03.2013 13:24:06	Delete Order Basket/Request	i09-01365
<input checked="" type="checkbox"/>	08.03.2013 13:24:37	Delete Authorized Order Basket/Request	i09-01361

### 18) Purchase Orders > Assortments & FPQs

A new parameter was added to control the consideration of existing Future Price Quotes (FPQs) when ordering via Assortment.

Go to System > Configuration > [Bestellwesen]:

**Option: Change Configuration Settings**

Configurations File: fbv8.ini  
 Section: BESTELLWESEN  
 Item: AUTOACCEPTFUTUREPRICE  
 Value: T  
 Information: If F or blank: Price difference message upon PO creation via assortment including FPQ will appear. If T: no message will occur and automatic price change takes place.

This becomes important when placing orders on future dates and different prices are defined for those dates (as FPQs).

When placing the order on the future date, system will compare the prices in the assortment with the prices defined for this date.

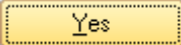
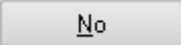

- If the parameter is not set (default) or F, a message will be shown:

Materials Control - 8.8.00.37.1478

On this Delivery Date, prices different than entered should be valid. Do you want to use them?

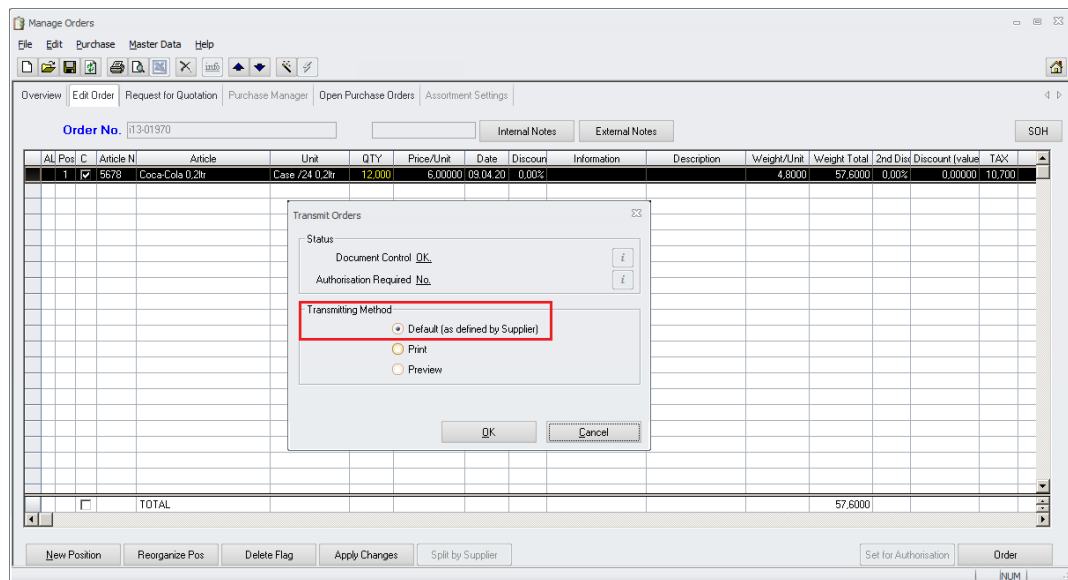
Yes No Cancel



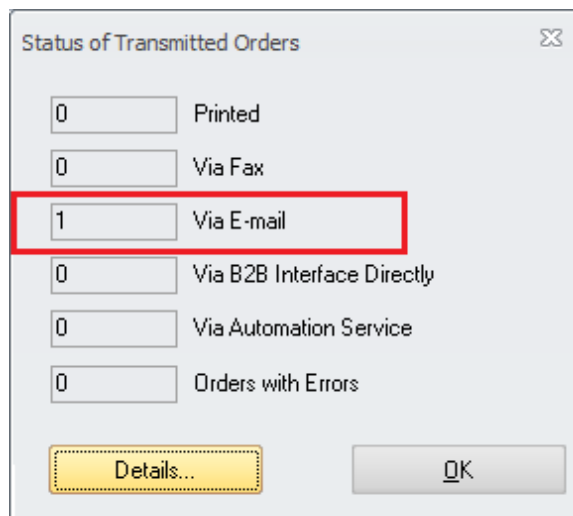
- If the user selects , the application will update the prices in the used assortment with the valid ones from the FPQs.
  - If the user selects , the application will use the prices defined in the assortments.
  - If the user selects , the dialog will be closed and the application will return to the order grid without changing anything.
- If the parameter is set to T, the application will not ask, but create the document with the valid/new price.


## 19) Purchase Orders > Transmission Details

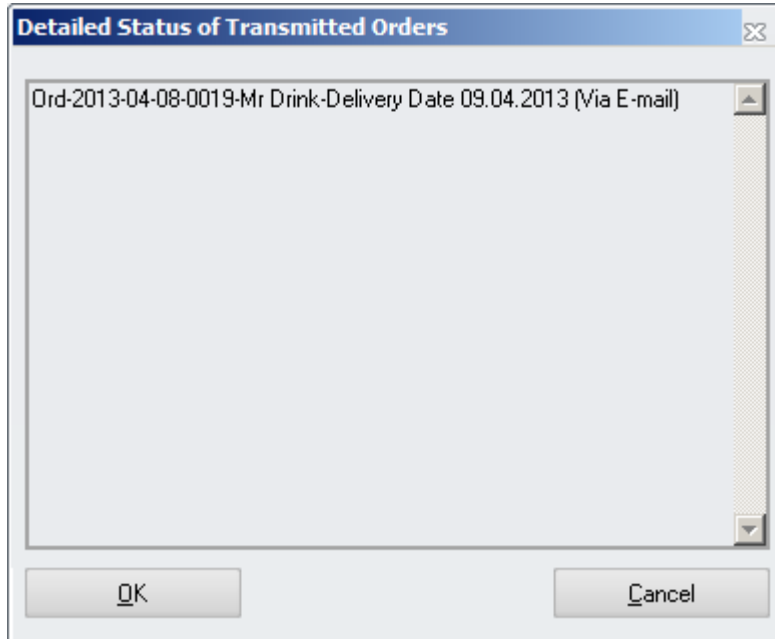
The order transmission dialog in module Purchase Orders was enhanced.



When processing purchase orders using “Default (as defined by Supplier)” in former version the application just showed that order orders were transmitted (or not).



Now new button  was added to the status dialog. On click it will show the transmission status of each single order.



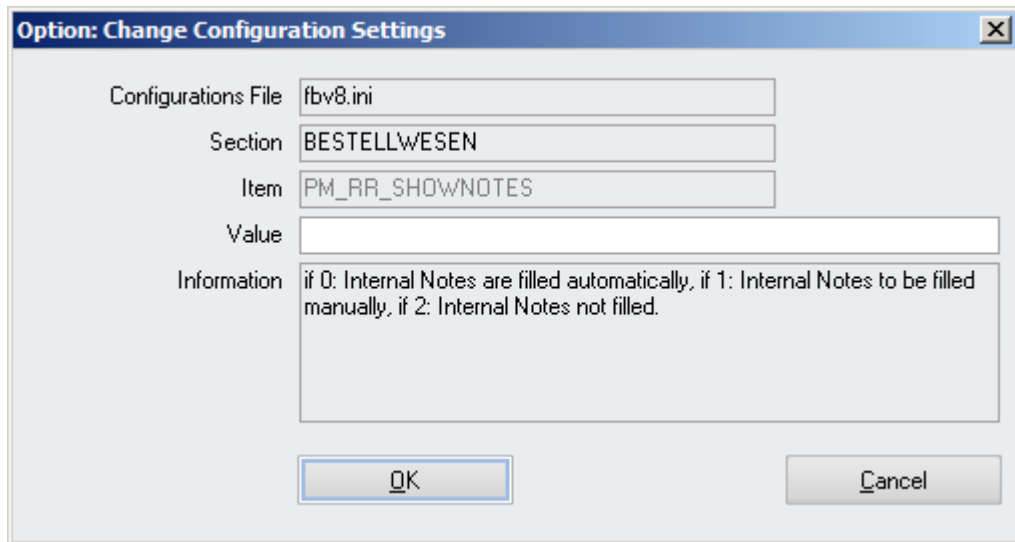
In case an order was not transmitted for any reason, the user can easily see this here.

## 20) Purchase Manager > Resolve Messages

When resolving Requisitions in the Purchase Manager module the application writes a message if the document requires (advanced) authorization.

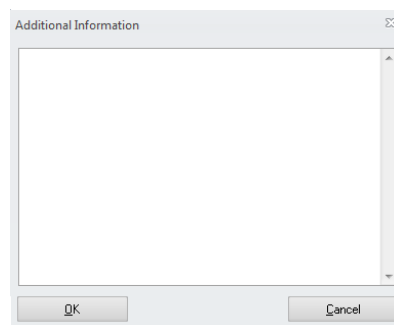
C/S	Order/Assortment	Number of	Status	Owner	Internal Notes
<input type="checkbox"/>	i10-01463	1	Central Basket	trein	
<input type="checkbox"/>	i10-01464	1	Central Basket	trein	Rejected by: GM
<input type="checkbox"/>	i09-01448	1	For Authorisation	trein	Authorisation needed, due to resolving Requisition by PM
<input type="checkbox"/>	i11-01527 (anselm)	1	For Authorisation	trein	Rejected by: Authorizer Anne Neuraith AL 3 at 06.11.2011 13:45 Rejected by: Autl

The generation of this message is now controlled by a new parameter. Go to System Configuration > [Bestellwesen] > PM\_RR\_ShowNotes:



The following values are possible:

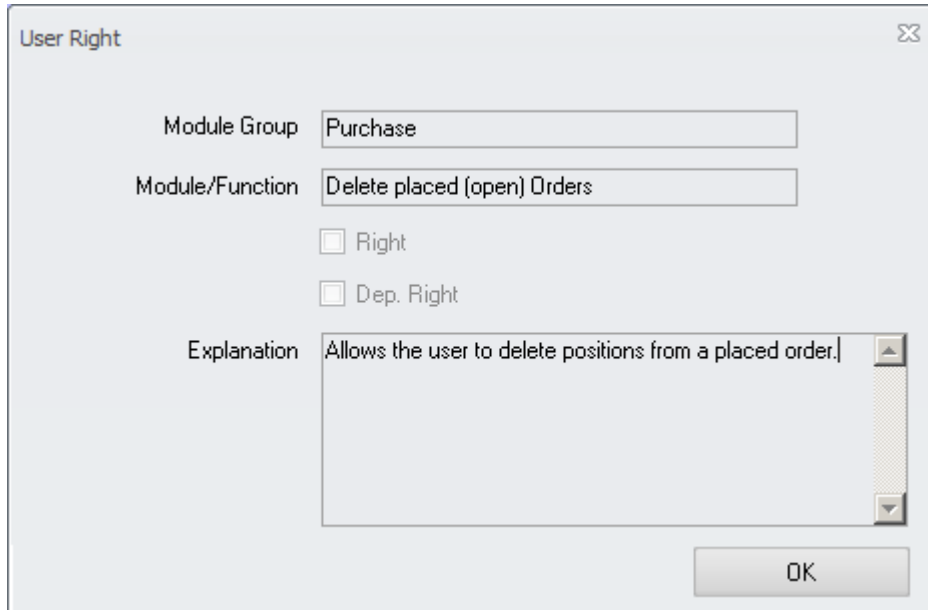
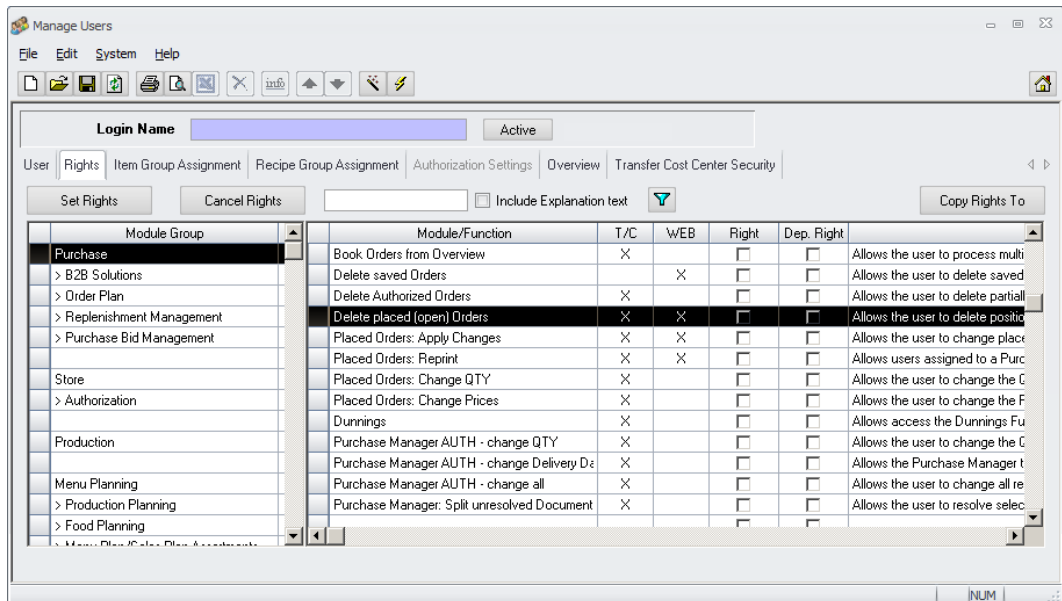
- 0 or blank: The message will be generated as usual. No change to previous handling.
- 1: The system will show a message box where the user could enter text as required. The automated text is not generated!



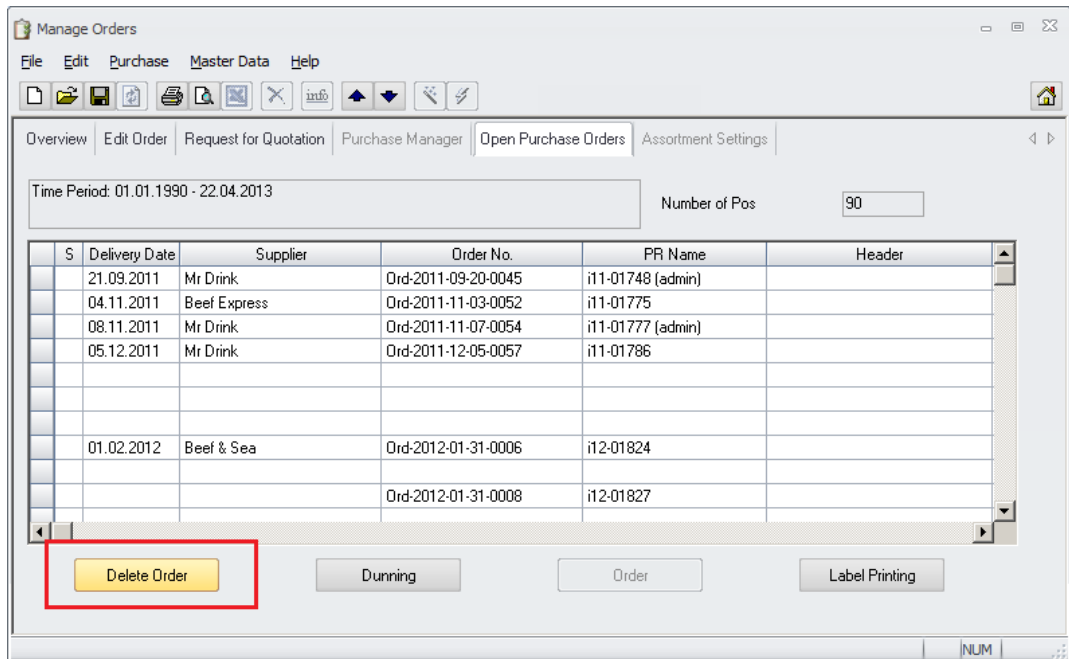
- 2: The application will not auto-generate the text and will not show a message box. The field will be left blank.

## 21) Open Orders > Deletion User Right

In a previous version the function **Delete Order** in Purchase Orders > Open Purchase Orders was no longer secured by a user right. This was corrected now. The user right "Delete placed (open) Orders" ...



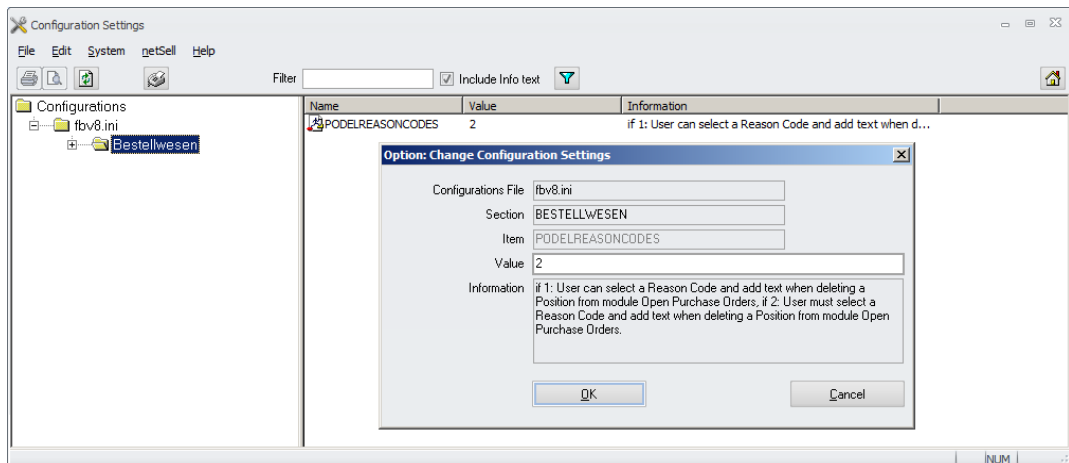
... is now covering this function properly again.



## 22) Open Orders > Deletion Reason Codes

A new function was added to record why an open PO was deleted.

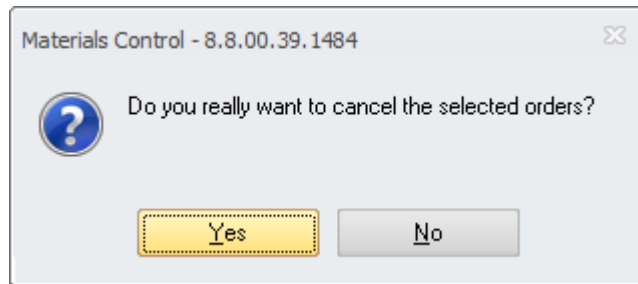
Please open System > Configuration > [Bestellwesen]:




### ➤ PODElReasonCodes

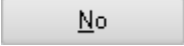
Here the following values are allowed:

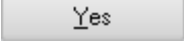
- 0 or blank: Orders can be deleted without and recording of reasons. The application will show the confirmation dialog ...

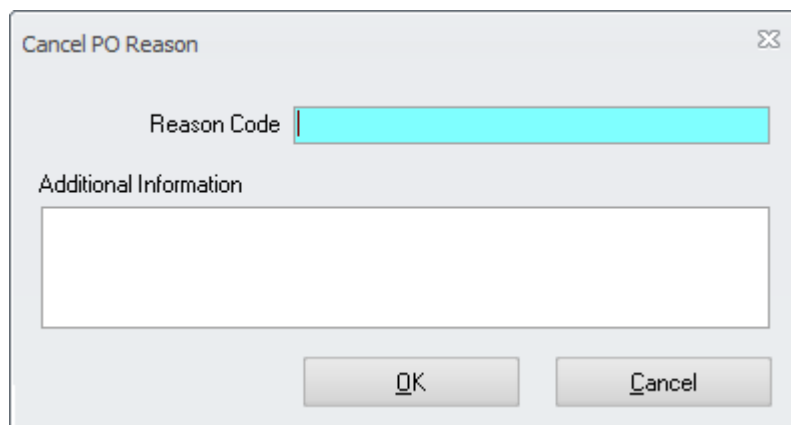



... and then delete the Purchase Order.

- 1: After click on the button  the system will show the confirmation dialog.

If confirmed with , it will simply close the dialog and return to the order list.

If confirmed with , the system will show the reason code dialog:



Here now the user **could** select a reason code from the list of existing ones and **could** enter some additional information. After confirmation with  the open PO will be deleted. The entered details will be logged in the Control Table:

Checked	Date	Action	Information	User
<input type="checkbox"/>	22.04.2013 16:09:42	BID modified	SOFTDRINKS 2012 01. from module: Manage Purchase Bid	admin
<input type="checkbox"/>	22.04.2013 16:10:15	Supplier modified	KERSTINS WARENHAUS. from module: Manage Suppliers	admin
<input type="checkbox"/>	22.04.2013 16:10:45	Supplier modified	KERSTINS WARENHAUS. from module: Manage Suppliers	admin
<input type="checkbox"/>	22.04.2013 16:23:46	LOGOUT	Anselm Wieneke	anselm
<input type="checkbox"/>	22.04.2013 17:28:33	LOGOUT	SystemAdministrator	admin
<input type="checkbox"/>	22.04.2013 17:35:19	LOGIN	SystemAdministrator	admin
<input type="checkbox"/>	22.04.2013 17:42:29	Delete Placed PO	Ord-2012-01-11-0002 J.W. Black Label Bottle 0.75l Mi. Drink (from Open PO)	admin
<input checked="" type="checkbox"/>	22.04.2013 17:49:46	Delete Placed PO	Ord-2012-02-01-0010 Beef Tournedos 180gr Carton /20 x 180gr Beef & Sea (from Open PO) No longer required I no need.	admin

- 2: The behaviour will be similar as above, but here the reason code and the additional information are mandatory. The user **must** select a reason code from the list of existing ones and **must** enter some additional information.

### 23) Price Quotes > Category Filter

The search dialog in Price Quotes now also allows to filter by categories.

Option: Search for Price Quotes

Item Group

Supplier

Supplier Group

Assortment

Article

Categories

Article match code

Unit

At click on the button the application will show the usual category selection screen:

Choose Categories

Ethnic Topics

- Hindi
- Kosher
- Muslim
- non Hindi
- non Kosher
- non Muslim

Diet

- Gluten free
- Lactose free
- Low Salt
- Phenylalanin free
- Sugar free
- Without Nuts
- light Diet

Wine / Beer / Softs

- Beer - Bottle Belgium
- Beer - Bottle France
- Beer - Bottle Germany
- Beer - Bottle Irish
- Beer - Bottle UK
- Beer - Bottle USA
- Beer - KEG Germany
- Beer - KEG UK
- Beer - KEG USA

Spirits and Liqueurs

- Anis - Greek
- Anis - Italy
- Anis - Turkey
- Brandy - Germany Standard
- Brandy - Germany Superior
- Brandy - Spanish Standard
- Brandy - Spanish Superior
- Cognac - DELUXE
- Cognac - Standard

Beauty and Wellness

- ADA
- Body Shop
- Guenther Guest Supplies
- Lelia Sea
- Natural Beauty
- Oberna
- Sahm
- Sandorado
- Sauvage Cosmetique

Engineering

- Expendable Items
- IT
- Services
- Spare Parts
- Tools and Tool Kits

AND OR NOT

Deselect all

OK

Cancel

Based on the categories assigned in module Articles the system will show only those articles which have the selected categories assigned.

## 24) Price Quotes > Sorted as Supplier

It is now possible to define the position sorting for delivery notes per supplier. This sorting sequence could be defined in the module Price Quotes:

Supplier	Article	2nd Discount	Disc. Price/Unit	Price/BU	SO	Barcode	Fixed Order QTY	Sorted as Supplier
Bamboo Spirits	Amaretto Di Saronno	0.00%	9,91944	14,17063			6,000	15
Bamboo Spirits	Amaretto 70cl	0.00%	7,39449	10,56356				13
Bamboo Spirits	Asbach Brandy 70cl	0.00%	7,21414	7,21414				8
Bamboo Spirits	Bacardi White 0.7l	0.00%	9,31826	13,31180				2
Bamboo Spirits	Ballantines 0.7l	0.00%	0,99976	1,42823		2000052005907		19
Bamboo Spirits	CALY PERE MAGLO	0.00%	18,03535	18,03535				1
Bamboo Spirits	CALY PERE MAGLO	0.00%	40,12354	40,12354				5
Bamboo Spirits	Duty	0.00%	10,00000	10,00000				
Bamboo Spirits	Fanta 0.2l	0.00%	7,21414	1,50295				3
Bamboo Spirits	Freight Bamboo	0.00%	0,12024	0,12024		2000003007370		12
Bamboo Spirits	Insurance Bamboo	0.00%	0,18035	0,18035		2000003007367		14
Bamboo Spirits	J.W. Black Label	0.00%	0,99976	1,42823		2000052007291		17
Bamboo Spirits	J.W. Red Label	0.00%	0,99976	1,42823		2000052007284		7
Bamboo Spirits	Jack Daniels	0.00%	0,99976	1,42823		2000052007307		9
Bamboo Spirits	Jack Daniels	0.00%	8,89744	11,85325				6
Bamboo Spirits	Jim Beam Whiskey	0.00%	0,99976	1,42823		2000053006347		18
Bamboo Spirits	Remy Club	0.00%	24,04713	34,35304		2000053007368		16
Bamboo Spirits	Remy Martin Louis XI	0.00%	673,31971	961,88530			1,000	10
Bamboo Spirits	Sprite 1.0l	0.00%	0,72141	0,72141				4

Here the numeric sequence could be entered into the column "Sorted as Supplier". This sorting sequence will be considered in the module Receiving:

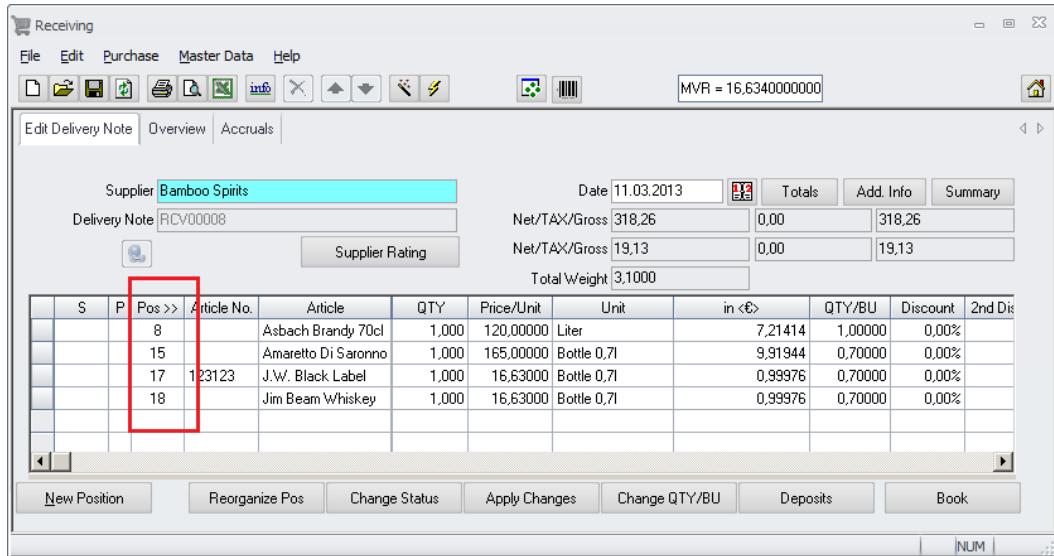
At creation of a new delivery note the positions will be added to the document as selected.

S	P	Pos.	Article No.	Article	QTY	Price/Unit	Unit	in <€>	QTY/BU	Discount	2nd Dis
→		15		Amaretto Di Saronno	1,000	165,00000	Bottle 0.7l	9,91944	0,70000	0,00%	
→		8		Asbach Brandy 70cl	1,000	120,00000	Liter	7,21414	1,00000	0,00%	
→		17	123123	J.W. Black Label	1,000	16,63000	Bottle 0.7l	0,99976	0,70000	0,00%	
→		18		Jim Beam Whiskey	1,000	16,63000	Bottle 0.7l	0,99976	0,70000	0,00%	

The column "Pos." already shows the position numbers defined in the Price Quotes.

Once saved the positions are now sorted as defined:

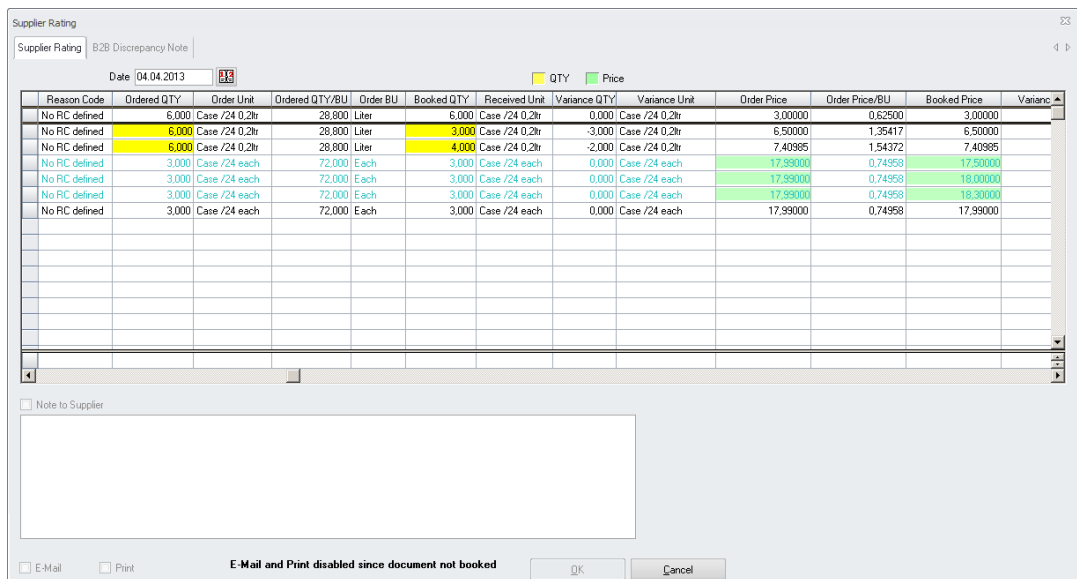




**NOTE:** This “Sorted as Supplier” sequence overrules all other previously defined sorting, regardless of the source of the document.  
 The only exceptions are B2B delivery notes. Here the Origin positions will be used.

## 25) Receiving > Supplier Rating Details

The detail grid in the Supplier Rating dialog was enhanced to highlight the deviations in a better way:

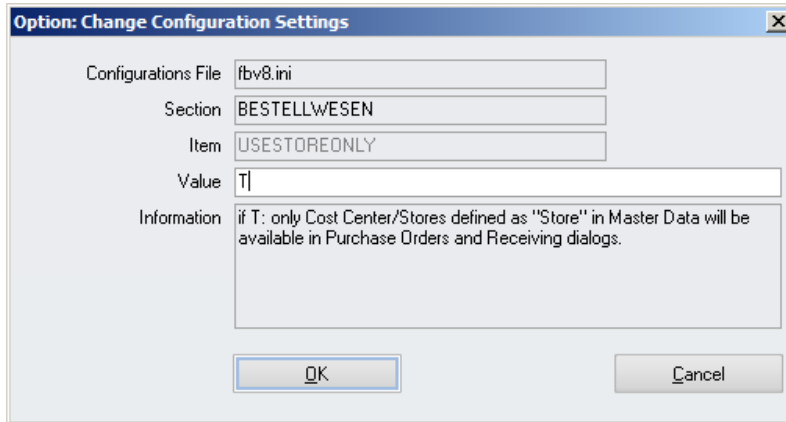


- QTY deviations will be shown with yellow filled cells
- Price deviations will be shown with green filled cells

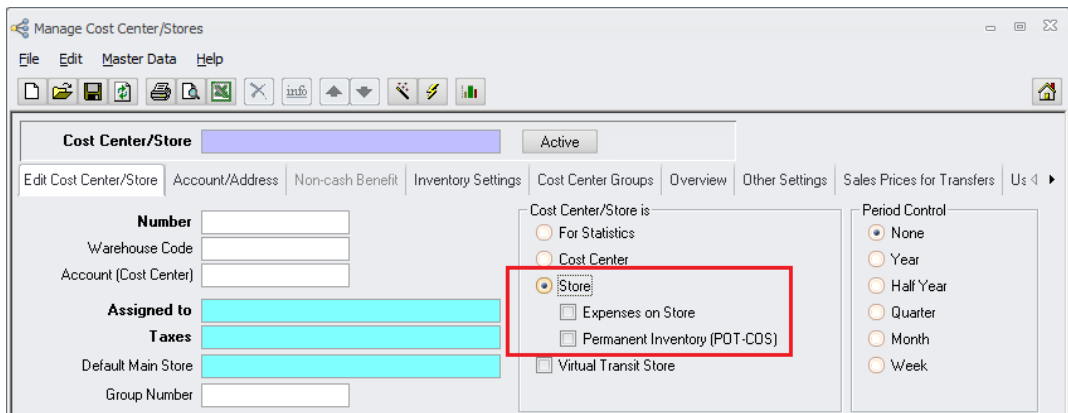
## 26) Receiving > Stores only

A new configuration was added to filter the selectable cost centers in module Receiving.

Go to System > Configuration > [BESTELLWESEN] and search for the parameter UseStoreOnly:



If set to T, the system will show only locations defined as Store (and its sub options) in the Cost Center setup at creation of delivery notes.

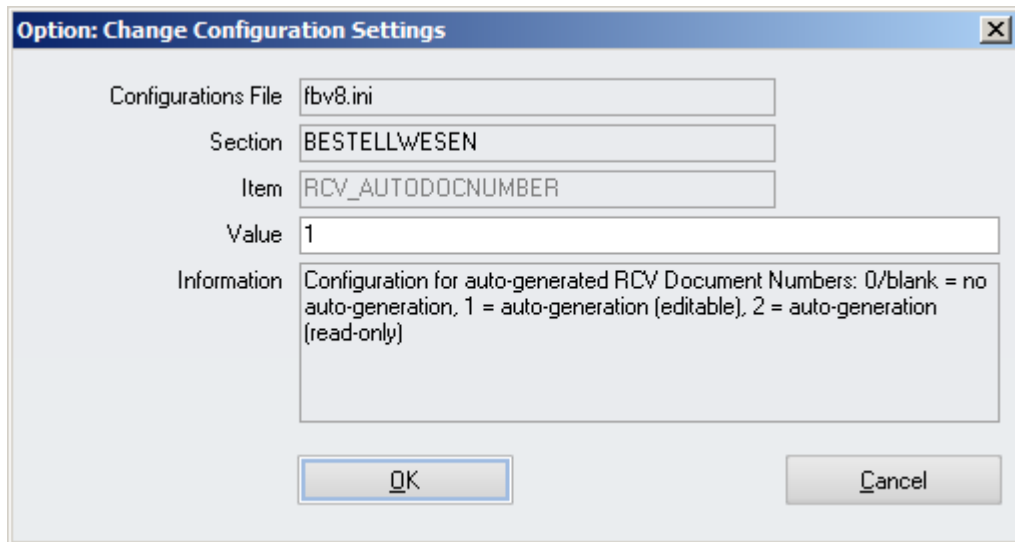


## 27) Receiving > System Document Numbering

In former version the automated document numbering for Receiving and Return to Supplier was controlled by the parameter [Bestellwesen] > SYSTEMNO. This was now separated for both functions. For each function now a separate numbering sequence and format can be defined.

Go to System > Configuration > [Bestellwesen].

Here the new parameter RCV\_AUTODOCNUMBER can be found:



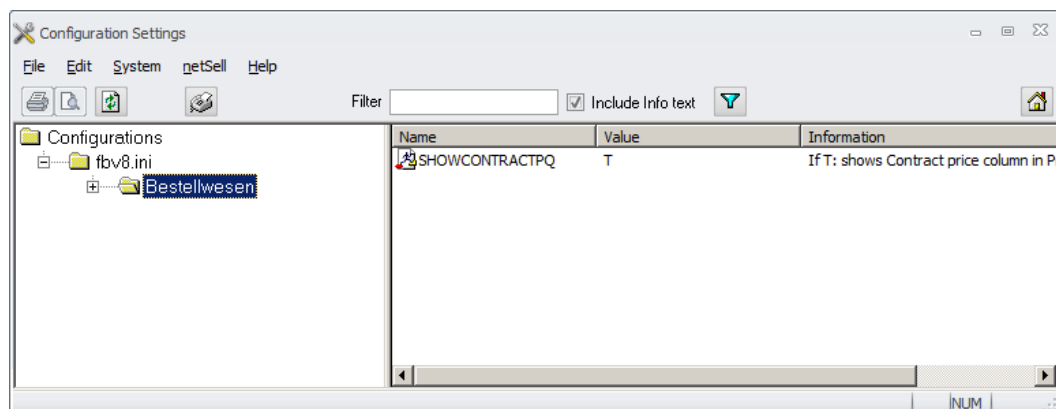
- If value = 0: The document number will not be generated automatically. The user must define it manually.
- If value = 1: The document number is generated automatically at booking, but can be adjusted by the user.
- If value = 2: The document number is generated automatically read-only at booking. It cannot be edited.

The format / layout of the auto-generated number could be defined in the module Document Numbers.

## 28) Receiving > Contract Checkbox

The Contract indicator from Price Quotes is now available in the module Receiving as well.

As a pre-requisite the configuration itself needs to be active.



Besides the modules Price Quotes and Purchase Orders now also the module Receiving is checking this parameter. If activated the receiving grid shows the checkbox per record marked/unmarked as defined in the price quotes:

S	P	Pos	C	Article No.	Article	Unit	QTY	Price/Unit	QTY/BU	Price/BU	Discount	2nd Discount	Weight/Unit	Weight Totr
1			<input type="checkbox"/>		J.W. Black Label	Bottle 0,75l	2,000	14,50000	1,50000	19,33333	0,00%	0,00%		0,00
2			<input checked="" type="checkbox"/>	5678	Coca-Cola 0,2lr	Case /24 0,2l	6,000	6,25000	28,80000	1,30208	0,00%	0,00%		0,00
3			<input checked="" type="checkbox"/>	5678	Coca-Cola 0,2lr	Case /24 0,2l	3,000	6,25000	14,40000	1,30208	0,00%	0,00%		0,00
4			<input type="checkbox"/>		Coca-Cola 0,2lr	Liter	4,800	1,30000	4,80000	1,30000	0,00%	0,00%		0,00
5			<input type="checkbox"/>	1234	Coca-Cola 0,2lr	Dep. Case 2	3,000	9,27000	23,76000	1,17045	10,00%	0,00%		0,00
6	Co		<input type="checkbox"/>		Dep. Case 24x0,33l 3-€		3,000	3,00000	3,00000	0,37879	0,00%	0,00%		0,00
7	Co		<input type="checkbox"/>		Dep. Bottle 0,33l 0,15 €		72,000	0,15000	72,00000	0,45495	0,00%	0,00%		0,00
8			<input type="checkbox"/>	5678	Apollinaris 1,0l	Bottle 1,0l	5,000	0,59000	5,00000	0,59000	0,00%	0,00%	1,0000	5,00
9			<input type="checkbox"/>	12345678	Bionade Holander (ea) 0,33lr	Case /24 ea	3,000	17,99000	72,00000	0,74958	0,00%	0,00%	24,0000	72,00
10			<input checked="" type="checkbox"/>	5678	Coca-Cola 0,2lr	Case /24 0,2l	6,000	6,28000	28,80000	1,30833	0,00%	0,00%	4,8000	28,80

The delivery note view in module Invoice Control also will show the checkbox.

## 29) Receiving > Origin Order Date

A new column was added to the receiving grid. Here the origin order date & time per position is shown:

Name	Order Date	Reference Number
Ord-2011-09-20-0045	20.09.2011	
Ord-2011-11-07-0054	07.11.2011	
Ord-2011-12-05-0057	05.12.2011	
Ord-2012-02-07-0012	07.02.2012	
Ord-2012-02-14-0017	14.02.2012	
Ord-2012-02-14-0018	14.02.2012	
Ord-2012-03-26-0019	26.03.2012	

S	P	Pos >>	C	Article No.	Article	RCV Pos Custom int 3	Base Unit	Reference Num	Order No.	Order Date	Requested QTY
1			<input checked="" type="checkbox"/>	31000004	Coca-Cola 0,2lr		Liter		Ord-2013-04-23-0023	23.04.2013 17:14:31	12,00

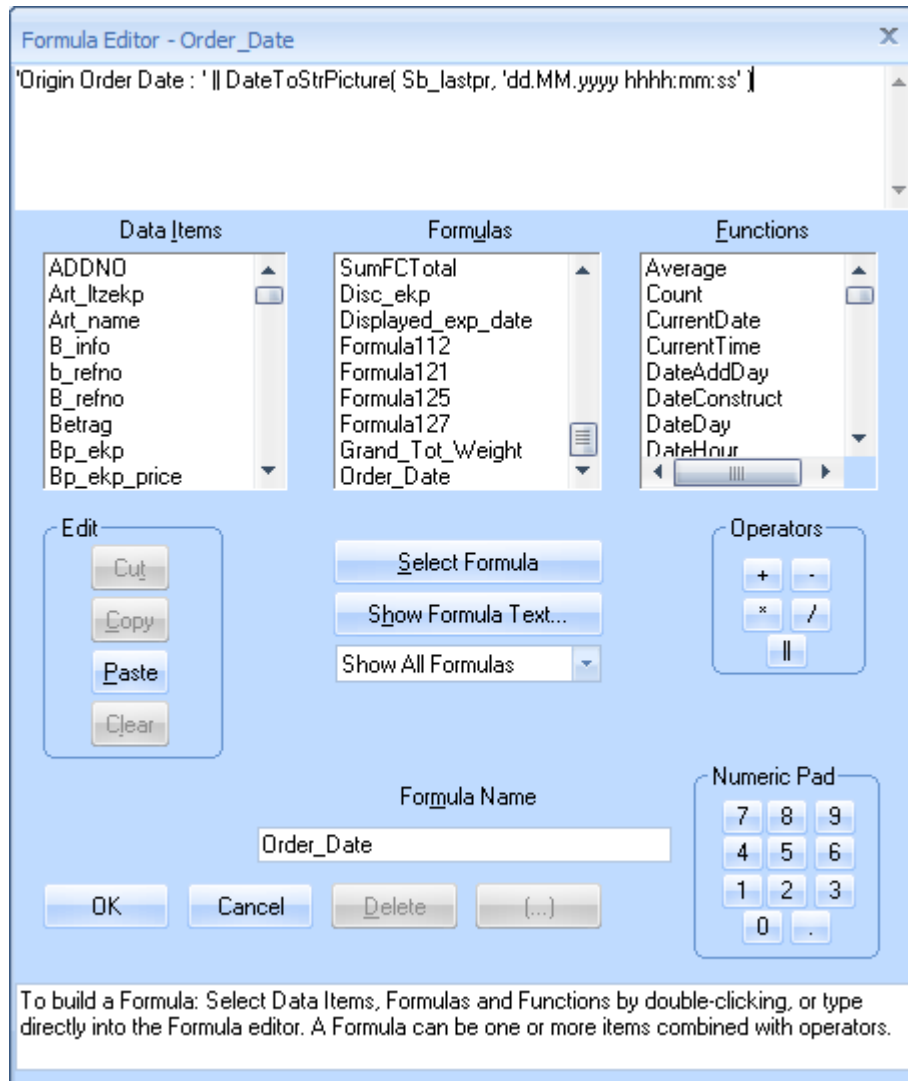
This information is useful in order to find out why a specific price was used in the order.

This date & time also could be added on the delivery note print out:

MICROS-FIDELIO DEMO (Jörg Trommeschläger)		Systems Management	SystemAdministrat									
Delivery Note -			23.04.2013 17:2									
<b>Mr Drink The Beverage Supplier</b> Liqueur or Wine Company Main Street 54 Row 5		<b>PURCHASE ORDER RECEIVING</b>										
Deliv. Note No.:		GRN :	Date									
Deliv. Loc: Main Store Beverage												
St.	Art. No.	Article	Ordered	Unit	Delivered	Price Sys. Cur.	Disc.	Disc. 2	Dis. Price	Net Amount	VAT %	
--	31000004	Coca-Cola 0,2ltr	12,00	Case /24 0,2ltr	12,00	6,00	0,00%	0,00%	0,00	6,000	72,00	10,7
Storage Location:		Softs Cooler	Total Weight		57,600Kg	Origin Order Date : 23.04.2013 17:14:31						
Weight		4,800Kg										
<b>Total:</b>		<b>Main Store Beverage</b>			<b>System Currency</b>				<b>72,00</b>			
					<b>Supplier Currency</b>				<b>72,00</b>			

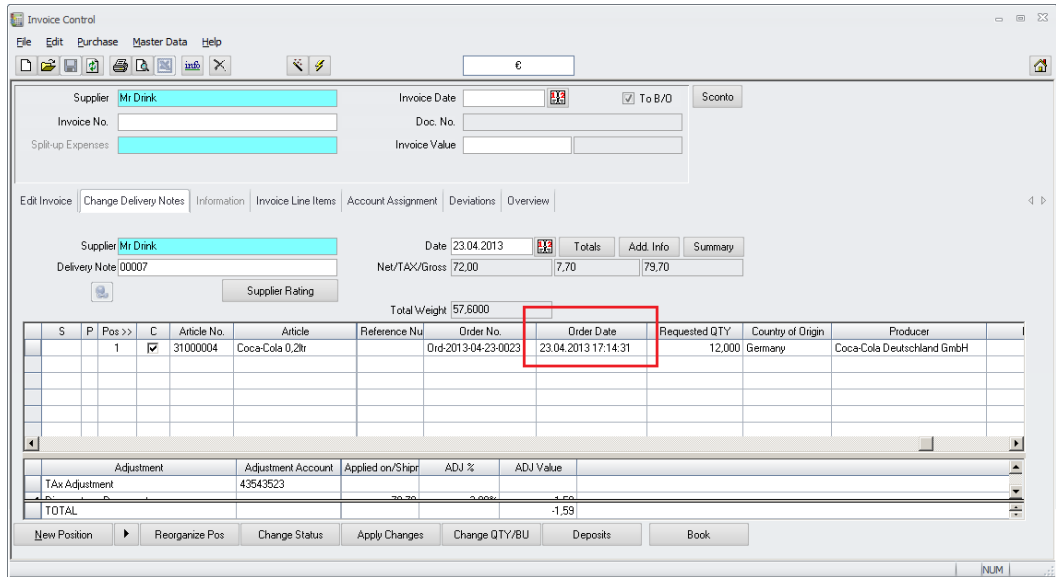
At first call of the report after the update the required input item Sb\_lastpr is created:

It also could be created in advance using the definitions as shown above. Since the input item will send the information in standard format it is created to create a formula (example below) for this.



'Origin Order Date : ' || DateToStrPicture( Sb\_lastpr, 'dd.MM.yyyy hhhh:mm:ss' )

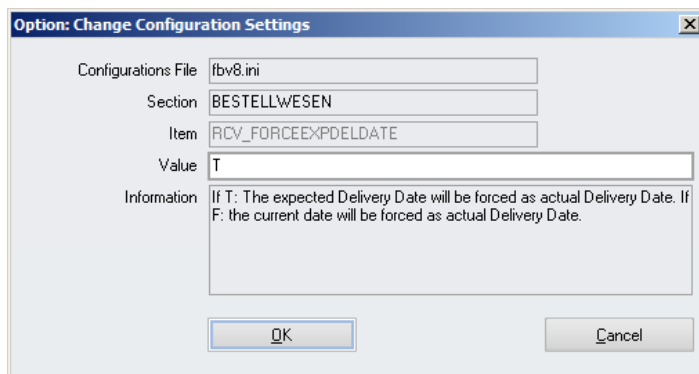
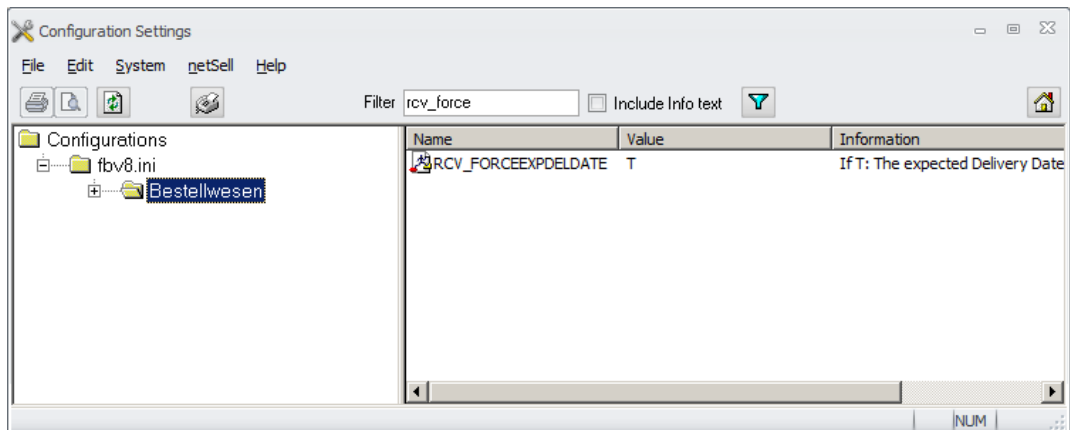
The new column also is visible in the tab "Change Delivery Note" in the module Invoice Control.



### 30) Receiving > Origin Delivery Date

A new (hidden!) option was added to control the behaviour of the proposed delivery date in the module Receiving.

Open the System Configuration and browse to the section [Bestellwesen]:



- If F or blank (default): the application will show then standard behaviour and propose the current date as Delivery Date in the Receiving module
- If T: The application will propose the expected delivery date which was defined in the origin order.

Example:

On March 1<sup>st</sup> 2013 an order was placed for a delivery on March 5<sup>th</sup>.  
Due to whatever reason the delivery will be booked on March 8<sup>th</sup>.

If the parameter is not set, the application would propose March 8<sup>th</sup> as delivery date.

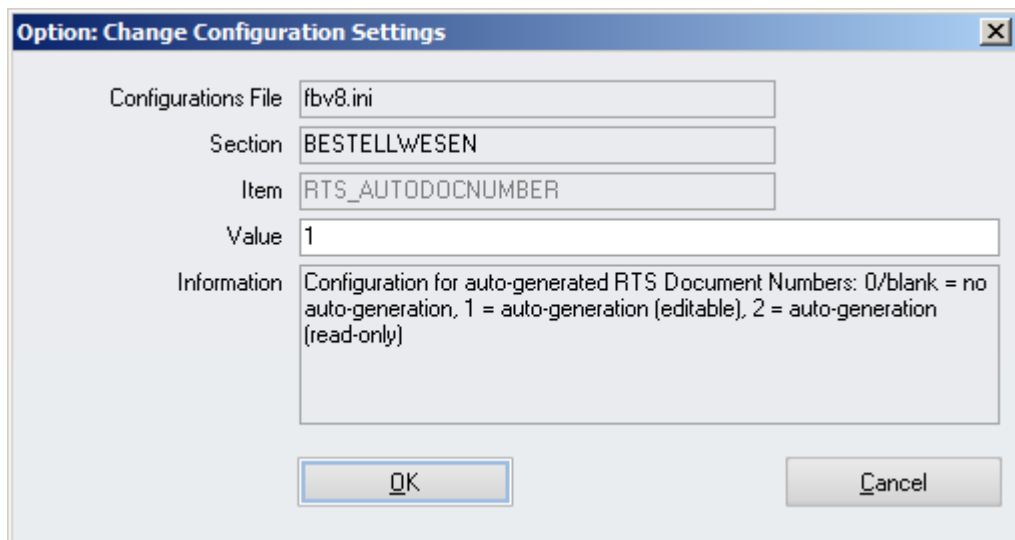
If the new parameter is set, the application would propose March 5<sup>th</sup>.

### 31) RTS > System Document Numbering

In former version the automated document numbering for Receiving and Return to Supplier was controlled by the parameter [Bestellwesen] > SYSTEMNO. This was now separated for both functions. For each function now a separate numbering sequence and format can be defined.

Go to System > Configuration > [Bestellwesen].

Here the new parameter RTS\_AUTODOCNUMBER can be found:



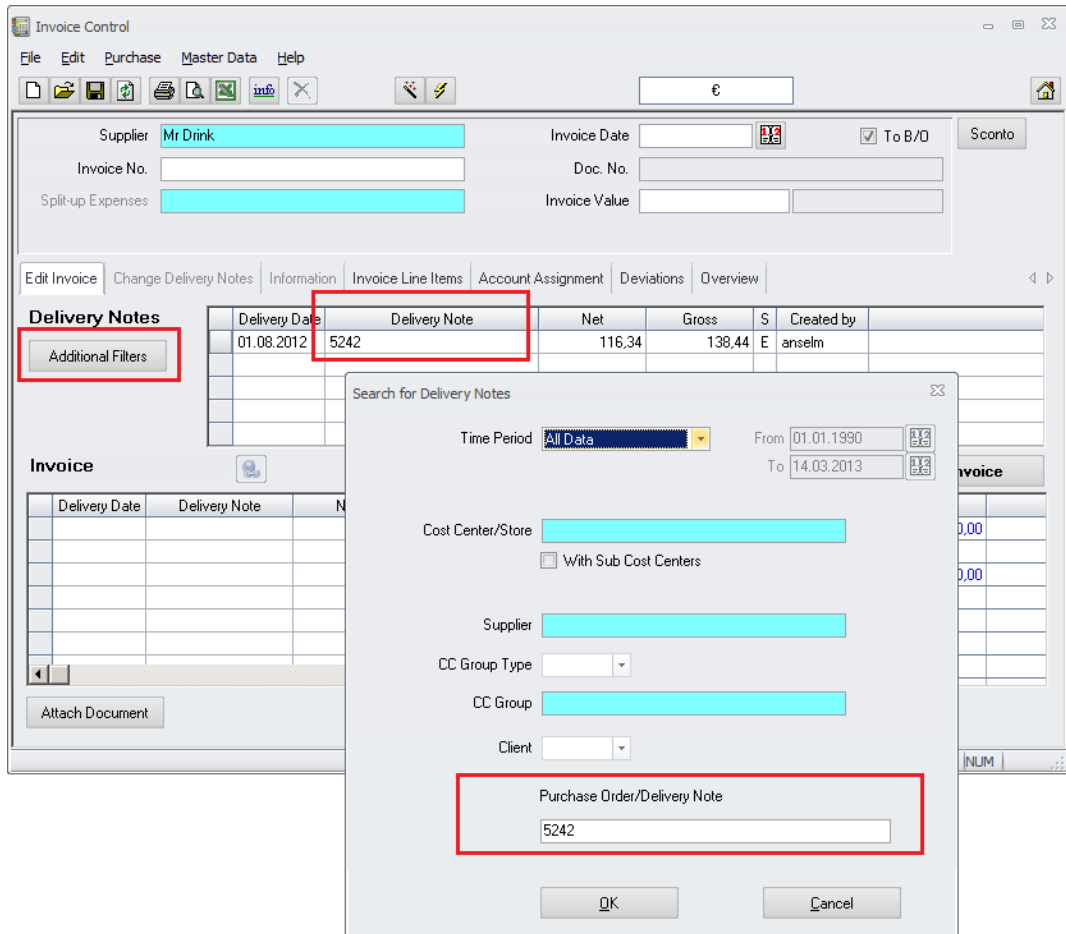
- If value = 0: The document number will not be generated automatically. The user must define it manually.
- If value = 1: The document number is generated automatically at booking, but can be adjusted by the user.
- If value = 2: The document number is generated automatically read-only at booking. It cannot be edited.

The format / layout of the auto-generated number could be defined in the module Document Numbers.



### 32) Invoice Control > Search by Document Number

The function Additional Filters was enhanced. It now also allows to search by order / delivery note number :

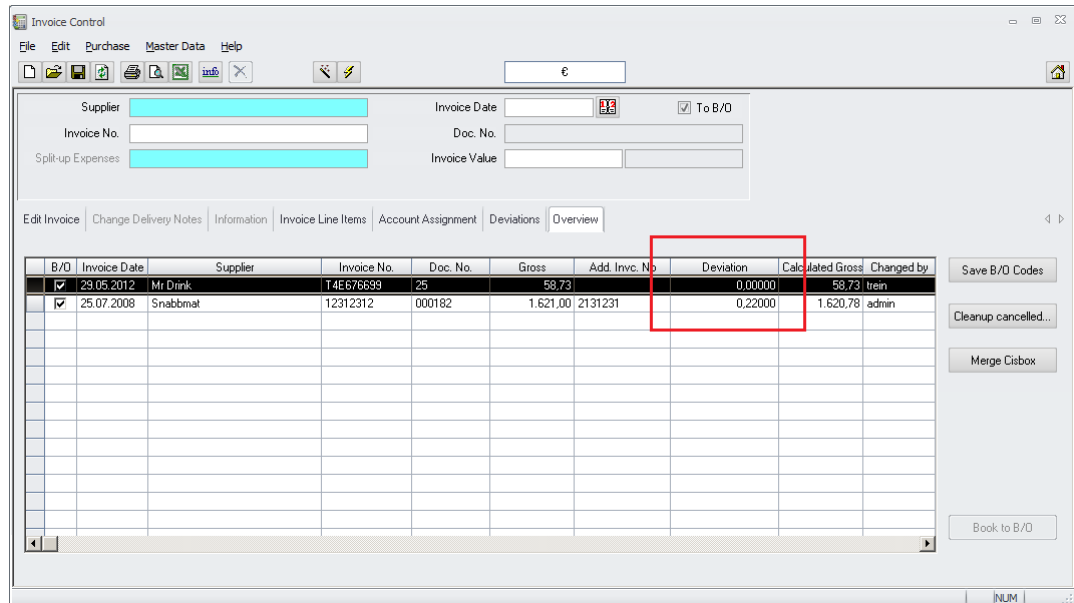


After selection of the supplier the system shows all available documents.

To search for a specific one, just click on the button **Additional Filters**.  
 Now enter the exact delivery note / order number into the search field and click on OK.  
 The system will then show the document in the middle grid.

### 33) Invoice Control > Display of Deviations

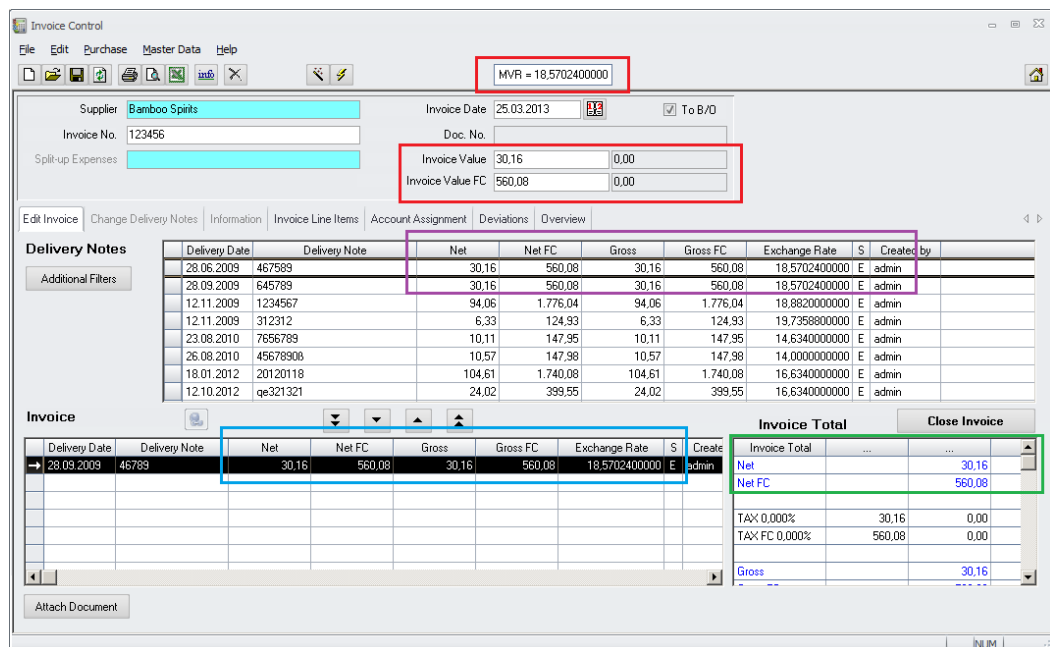
The Overview screen in the module Invoice Control now shows the deviation for saved invoices as well.



The system here simply compares the entered invoice value with the calculated sum of the added delivery notes.

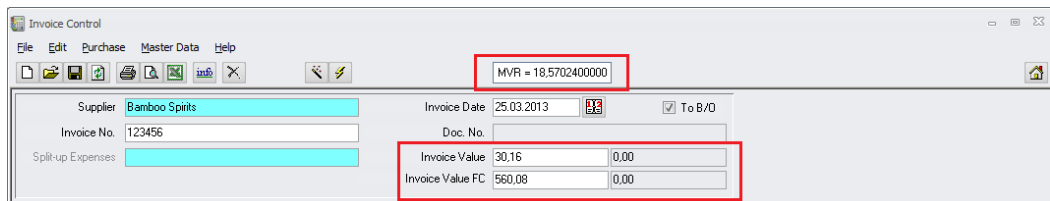
### 34) Invoice Control > Values in FC

The module Invoice Control now supports invoices in foreign currency in a much better way.



When using a supplier assigned to a foreign currency (FC) the application already in older versions showed the currency abbreviation (e.g. \$, €, MVR, etc.) and the current exchange rate in the toolbar area.

Using this exchange rate the application now shows the entered invoice value in both currencies, FC and system currency (red marked area). Please keep in mind that this is the **current** exchange rate!



In the middle grid now the delivery notes are listed, showing their values, net and gross, in system currency and in FC including the exchange rate used at booking (purple marked area). Please keep in mind that this does not have to be the **current** exchange rate and the totals may differ!

Delivery Date	Delivery Note	Net	Net FC	Gross	Gross FC	Exchange Rate	S	Created by
28.06.2009	467589	30.16	560.08	30.16	560.08	18.5702400000	E	admin
28.09.2009	645789	30.16	560.08	30.16	560.08	18.5702400000	E	admin
12.11.2009	1234567	94.06	1.776.04	94.06	1.776.04	18.8820000000	E	admin
12.11.2009	312312	6.33	124.93	6.33	124.93	19.7358800000	E	admin
23.08.2010	7656789	10.11	147.95	10.11	147.95	14.6340000000	E	admin
26.08.2010	45678908	10.57	147.98	10.57	147.98	14.0000000000	E	admin

The bottom left grid shows the delivery notes assigned to the current invoice, showing the values, net and gross, in system currency and in FC including the exchange rate used at booking (blue marked area). Please keep in mind that this does not have to be the **current** exchange rate and the totals may differ!

Delivery Date	Delivery Note	Net	Net FC	Gross	Gross FC	Exchange Rate	S	Create
28.09.2009	46789	30.16	560.08	30.16	560.08	18.5702400000	E	admin

Invoice Total	Net	Net FC	Gross
Invoice Total	...	...	...
Net		30.16	
Net FC			560.08
TAX 0.000%	30.16	0.00	
TAX FC 0.000%	560.08	0.00	
Gross		30.16	

The bottom right grid shows the calculated invoice totals, net and gross, in system currency and in FC using the current exchange rate entered/shown in the toolbar section (green marked area).

Delivery Date	Delivery Note	Net	Net FC	Gross	Gross FC	Exchange Rate	S	Create
28.09.2009	46789	30.16	560.08	30.16	560.08	18.5702400000	E	admin

Invoice Total	Net	Net FC	Gross
Invoice Total	...	...	...
Net		30.16	
Net FC			560.08
TAX 0.000%	30.16	0.00	
TAX FC 0.000%	560.08	0.00	
Gross		30.16	

The invoice totals might show differences if the exchange rates are not the same. This is a logical case, depending on the way FC invoices are handled on site.

In the example above the current and exchange rate used at booking are the same.

If the exchange rate is different to the one used at booking the delivery notes...

The screenshot shows the 'Invoice Control' interface. At the top, the system currency is set to MVR = 16,634000000. The supplier is 'Bamboo Spalte' and the invoice date is 25.03.2013. The invoice value is 33,67 and the invoice value in FC is 560,08. A red box highlights the exchange rate of 18,5702400000. Below this, a table shows delivery notes with their respective net, net FC, gross, and gross FC values. A red box highlights the current exchange rate of 18,5702400000. At the bottom right, an 'Invoice Total' summary shows a discrepancy: Net (30,16) and Net FC (501,68) do not match the totals from the delivery notes. A red box highlights the 'Invoice Total' summary table.

Net	Net FC	Gross	Gross FC	Exchange Rate
30,16	560,08	30,16	560,08	18,5702400000

Invoice Total			
Net	...	...	30,16
Net FC	...	...	501,68
TAX 0,000%	30,16	0,00	
TAX FC 0,000%	501,68	0,00	
Gross	...	...	30,16

... the totals may not match. In this example the delivery note had a value of 560,08 MVR. Using the exchange rate at booking this was equal to € 30,16. But in the screen above the current exchange rate is different and now the value of 560,08 MVR equals € 33,67. As a result the user will see a difference created through different exchange rates. The user now needs to decide if he changes the rate to be used for the invoice or for the delivery notes, or adjusting the system currency value or the FC value. This all depends on the customer's processes and rules.

### 35) Invoice Control > Changed by / Created by

The module Invoice Control now shows some more details on the delivery notes added to the current invoice:

The screenshot shows the 'Invoice Control' interface for supplier 'Mr Drink'. The invoice date is 11.10.2012. The 'Delivery Notes' table is expanded to show details for each note, including the 'Changed by' and 'Created by' columns. A red box highlights these columns. The 'Invoice Total' summary shows a net value of 11,97 and a gross value of 24,25.

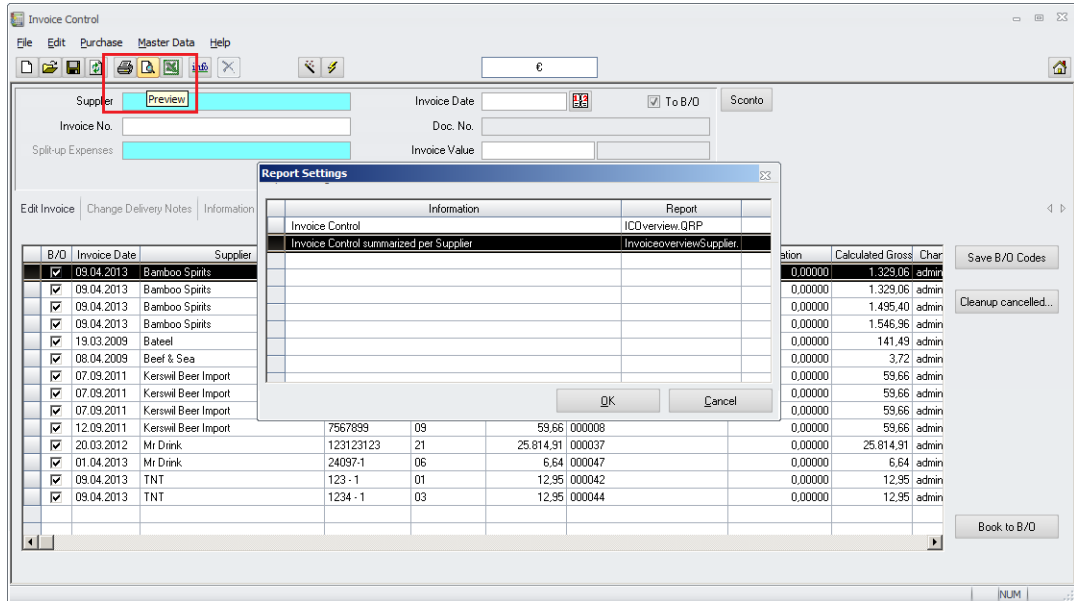
Delivery Date	Delivery Note	Net	Gross	S	Changed by	Created by	Supplier
22.05.2012	213123	-62,50	-69,19	E	admin	admin	Mr Drink
30.07.2012	4350_001	13,80	15,03	E	admin	admin	Mr Drink
01.08.2012	12763912	19,33	23,00	E	anselm	anselm	Mr Drink
01.08.2012	5242	116,34	138,44	E	anselm	anselm	Mr Drink
11.10.2012	213818	-75,00	-83,03	E	admin	admin	Mr Drink

Invoice Total			
Invoice Total	...	...	
Net	...	...	11,97
TAX 10,700%	-130,30	-13,95	
TAX 7,000%	6,60	0,46	
TAX 19,000%	135,67	25,77	
Gross	...	...	24,25

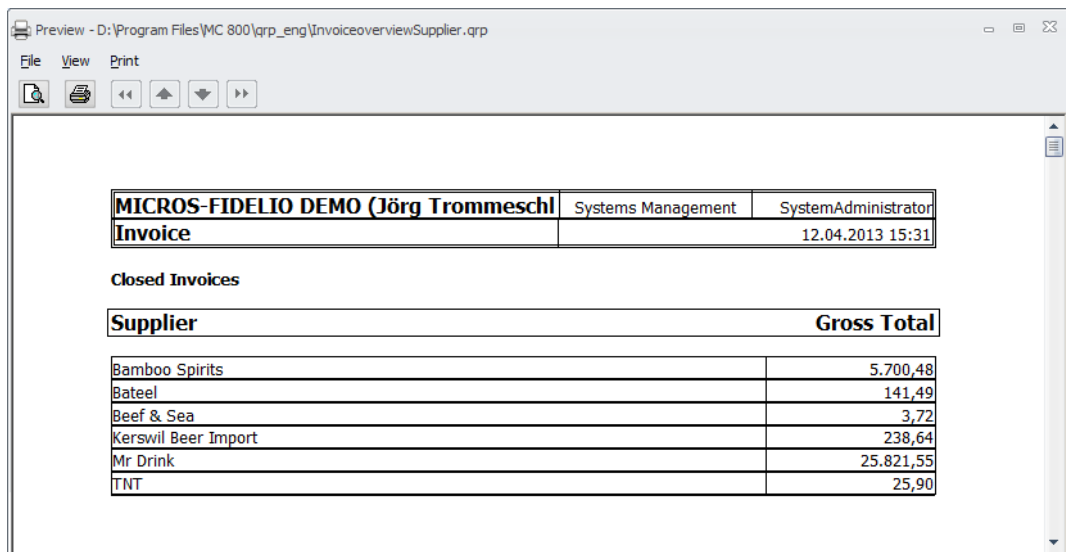
After assigning the delivery notes to the invoice in the bottom left grid now the creator and the user who did the last change on that document are shown.

### 36) Invoice Control > Summary Report

A new report is available in the Invoice Control > Overview:



After click on the Print / Preview icons in the toolbar the Report Selection Dialog is shown. Here select the report “Invoice Control Summarized per Supplier”:



This report shows, based on the previously defined filters, summarized gross total values per supplier.

### 37) Adjustments > Costing Factor

The last missing feature from the old Shipment Control module, the “Costing Factor” was now implemented into the Adjustments package. Please see the separate manual “120\_MC\_Adjustments” for details.

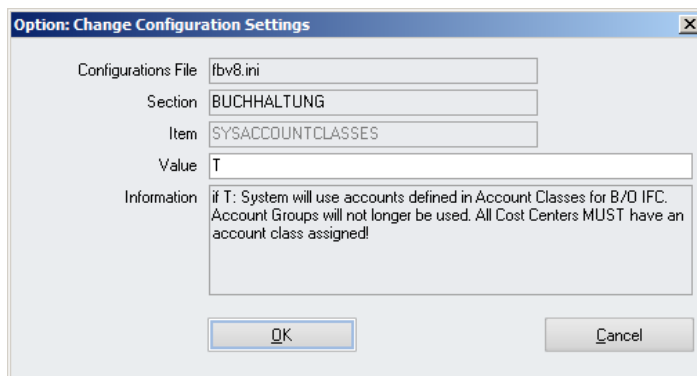
### 38) Shipment Control > module removed

As already announced in former release notes the module “Shipment Control” is now removed from all menus.

It has been replaced with the “Adjustments” package.

### 39) B/O IFC > Stock Export Account Classes

The system was enhanced to support Account Classes for the Stock Export as well.

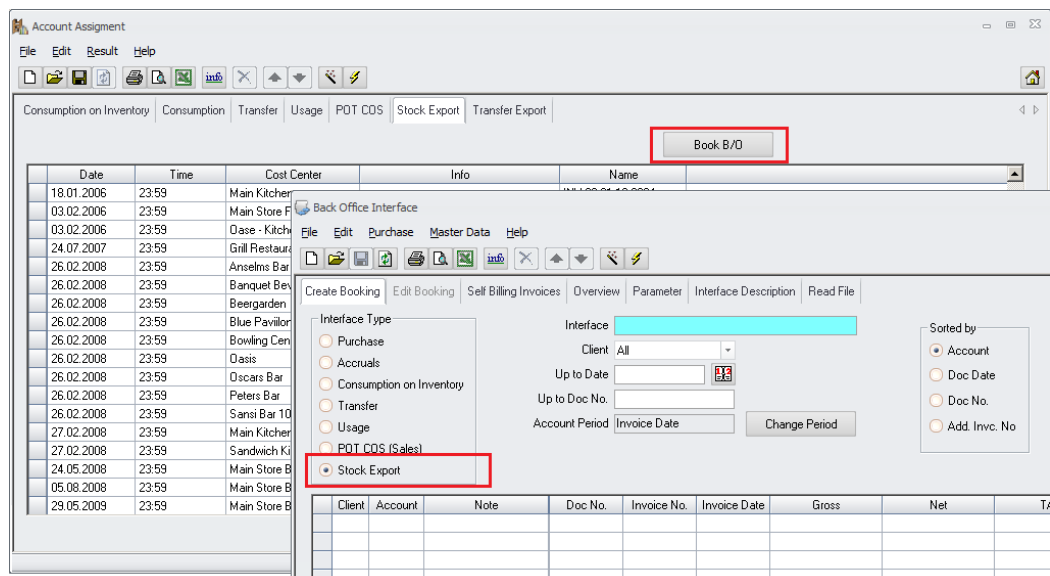


If System > Configuration > Buchhaltung > SYSACCOUNTCLASSES set to F or NULL:

- The system uses the Accounts from Master Data > Item groups

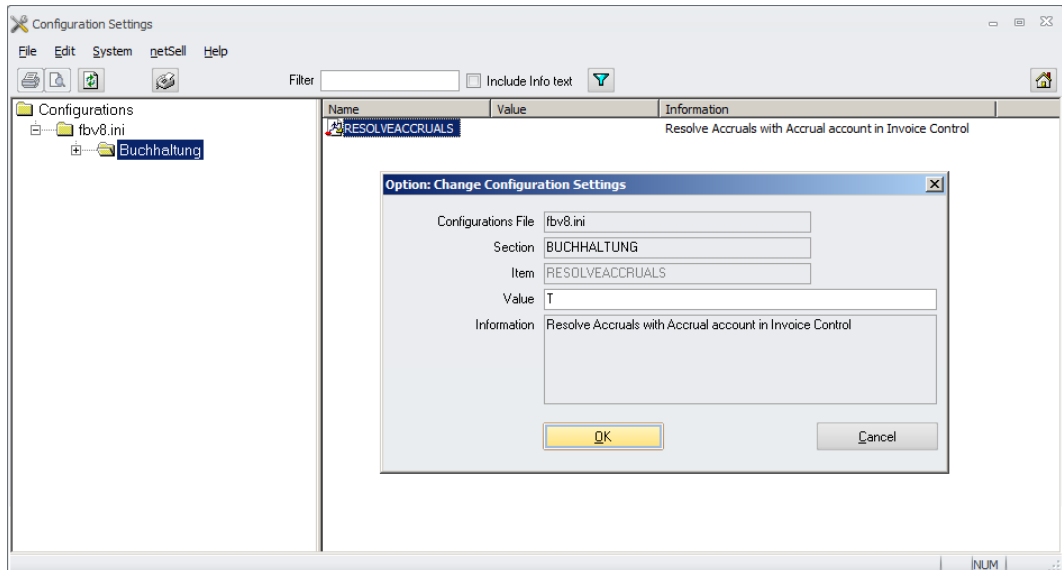
If System > Configuration > Buchhaltung > SYSACCOUNTCLASSES set to T:

- The system uses the Accounts from the linked Account Classes



## 40) B/O IFC > Resolve Accruals

A new option was added to allow resolving of booked accruals. The parameter can be found in System > Configuration > [Buchhaltung] and is named ResolveAccruals:

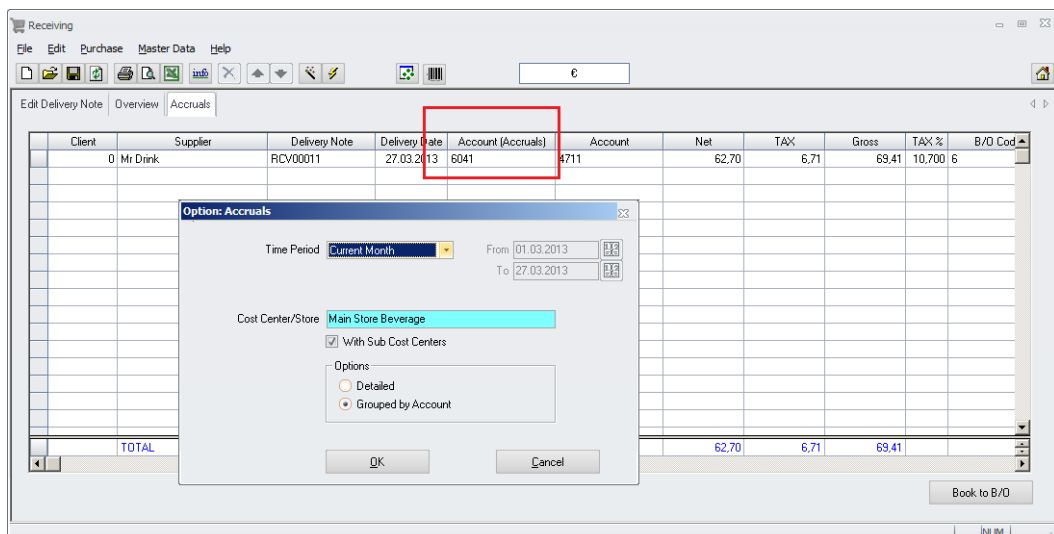


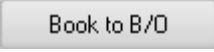
If this is set to “T” the accounts will be written at creation of the accruals. This ensures that the accounts are known to the system when required.

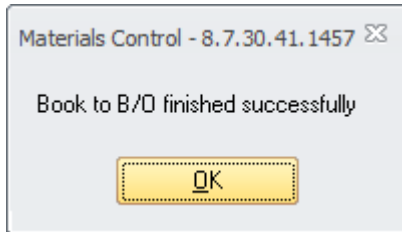
### Creation of Accruals:

Go to Purchase > Receiving > Accruals:

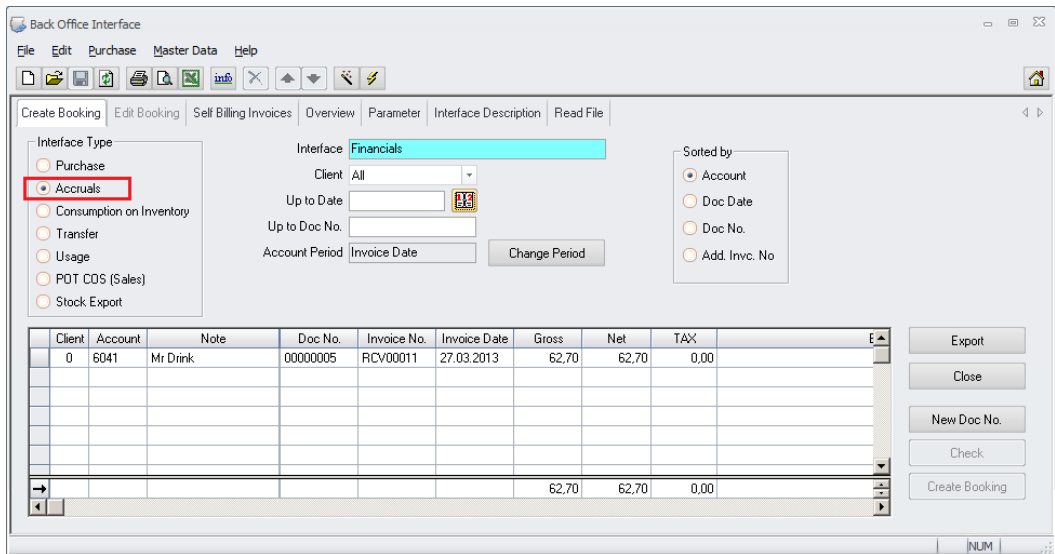
Select the date range and the cost center(s). In order to see the accounts, the option “Grouped by Account” must be marked!



Use the button  to process the shown records into the module B/O Interface:



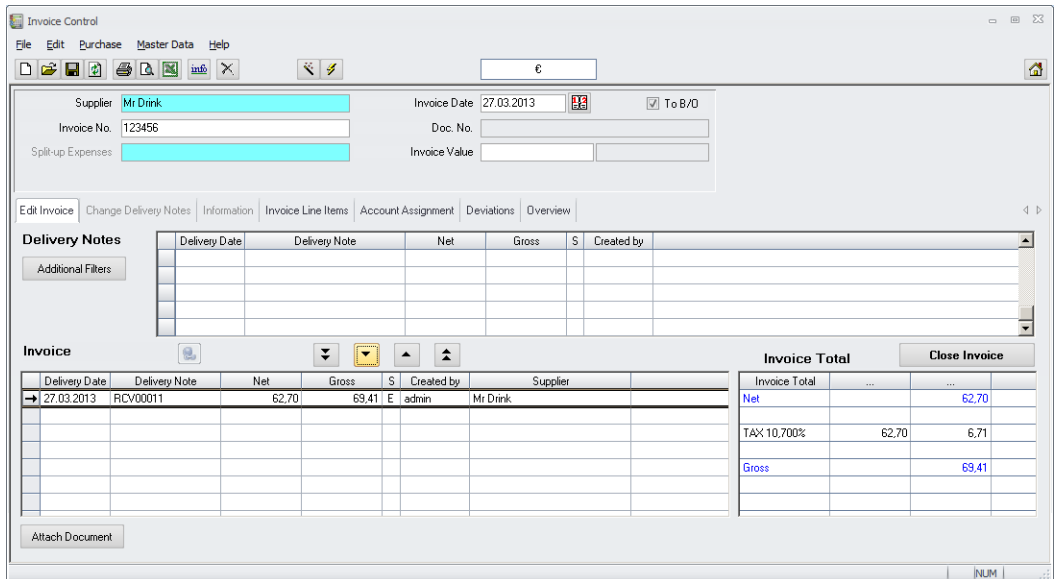
Open the module B/O Interface and select the Interface type “Accruals”:



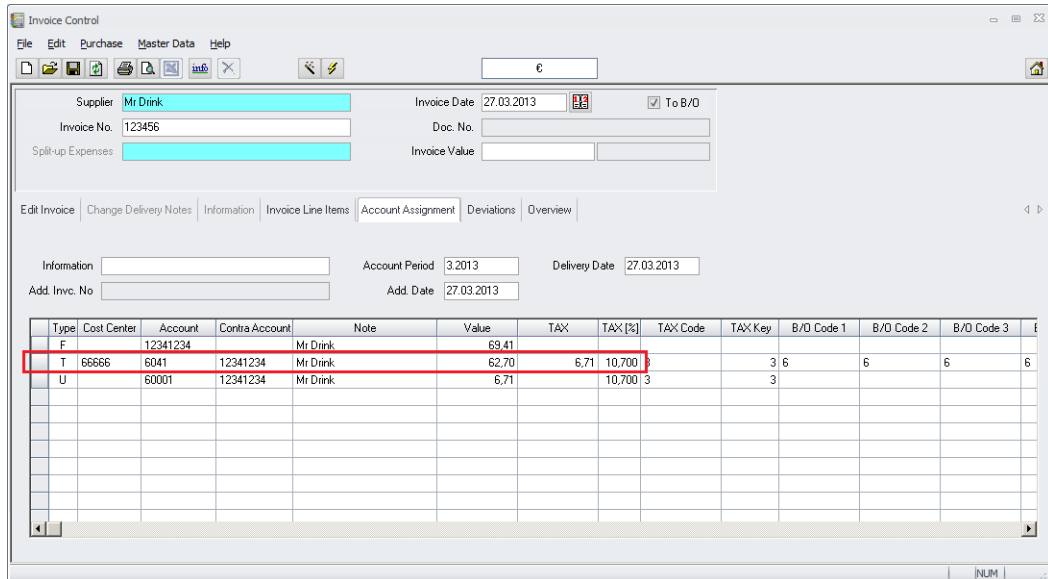
**Invoice Control with Accruals:**

Go to Purchase > Invoice Control:

If a user selects a delivery note (which was defined as accrual) it must be booked with the accrual accounts assigned.





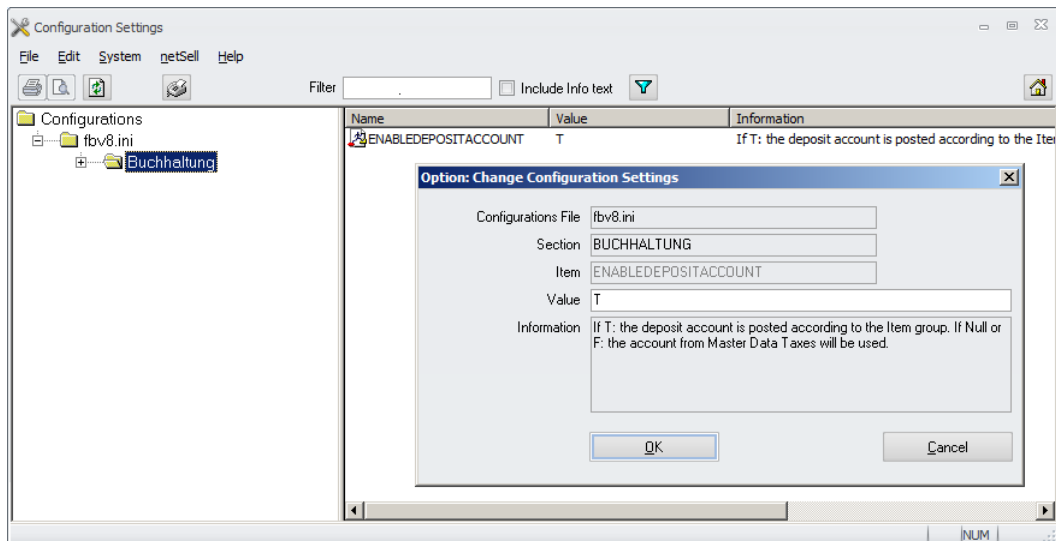


In case of changes required to the delivery note already booked as accrual, those must be done in a **new** delivery note!

## 41) B/O IFC > Deposit Accounts

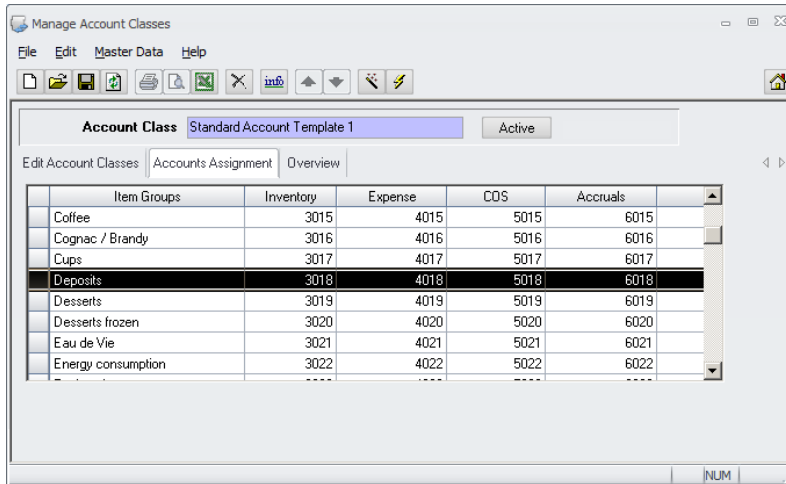
A new configuration was added to control the selection of accounts for deposits.

Please go to System > Configuration > [Buchhaltung]:

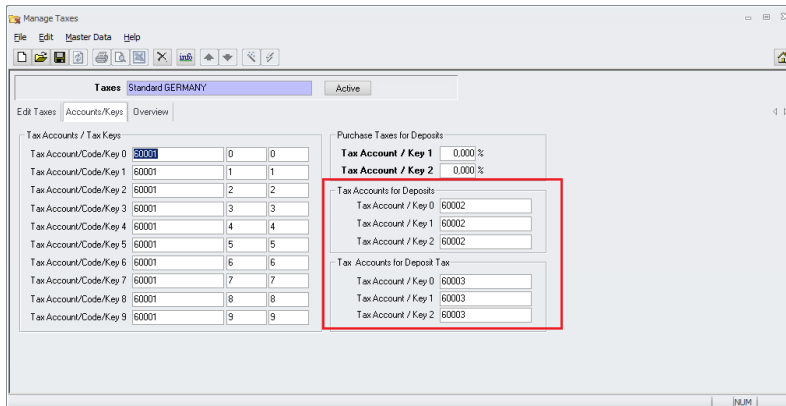


Here the parameter EnableDepositAccount could be found.

If T: The system will select the accounts linked to the item group used for the deposits. These the system also supports either the accounts defined in the item group directly or in the current valid account class.



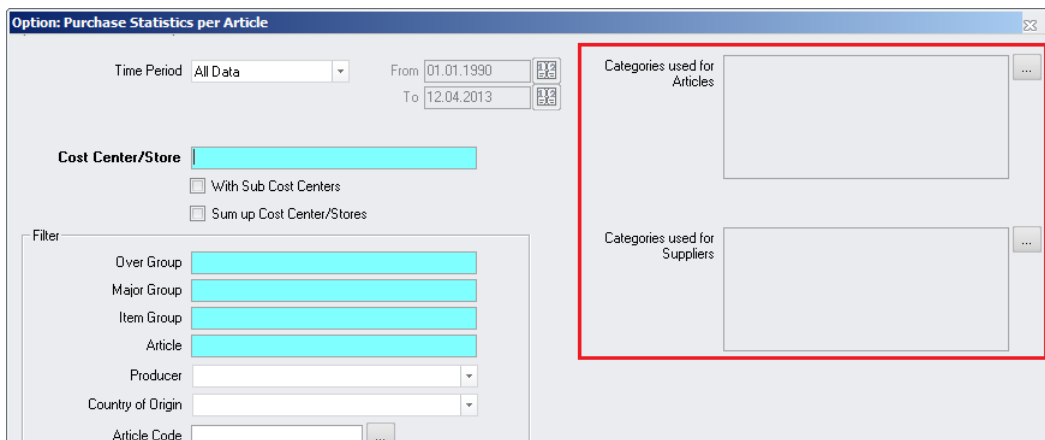
If F: the system will use the accounts defined in the current Tax Schema.



## 42) Purch. Analysis > Statistics per Article

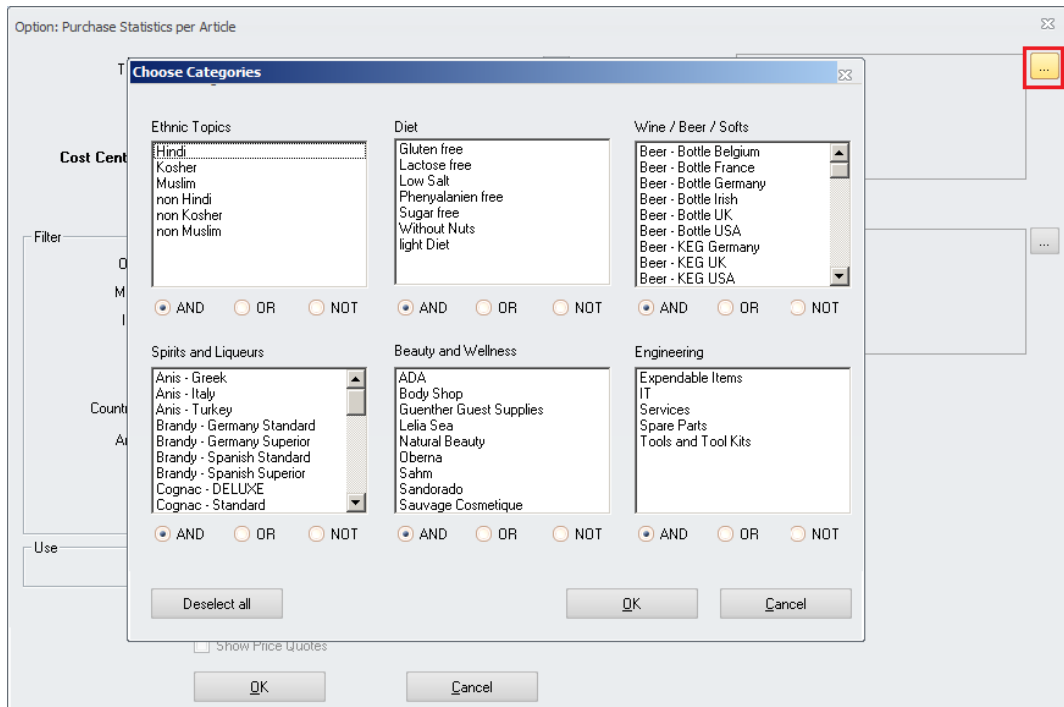
The filter options dialog in the Purchase Statistics per Article was enhanced:

- As first change the selector “Cost Center/Store” is now mandatory and shown in bold.
- As second change it is now possible to filter by category.

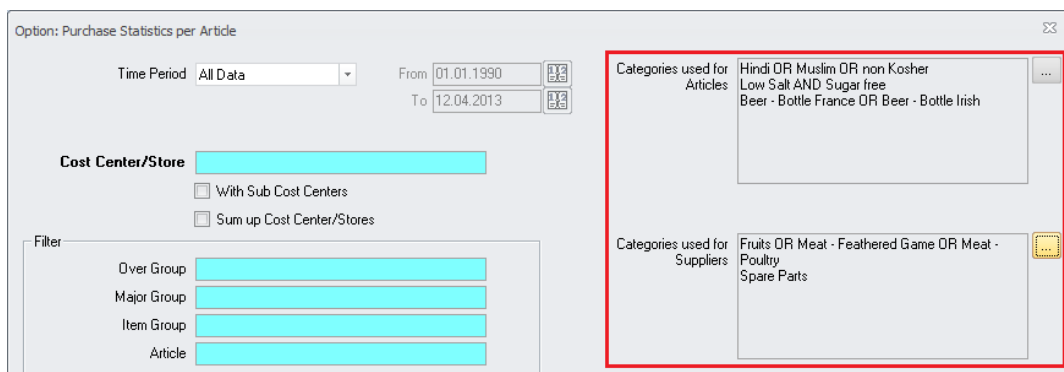


It is now possible to include the categories defined at articles and/or supplier into the filter.

On click on the button the system will show the categories available for articles/suppliers:



After selection of one or more categories and the required conditions (and/or/not) the filter will be updated:



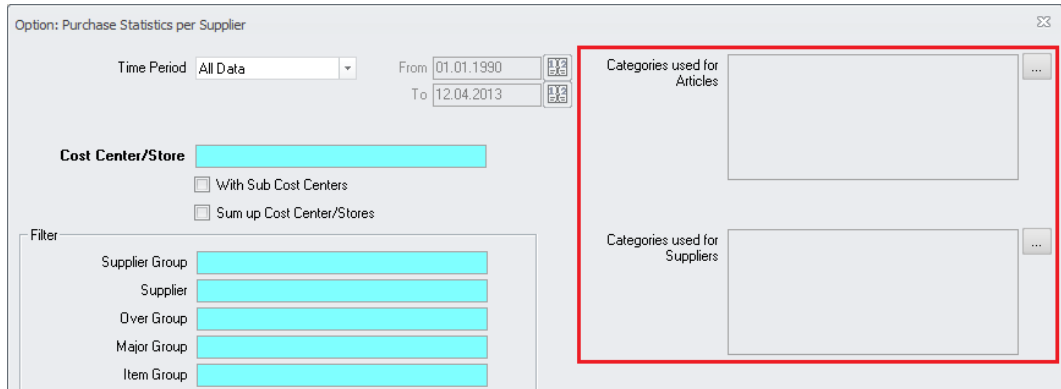
Please note that if an article was already selected in the selector on the left, the category selection for Articles is not accessible.

### 43) Purch. Analysis > Statistics per Supplier

The filter options dialog in the Purchase Statistics per Article was enhanced:

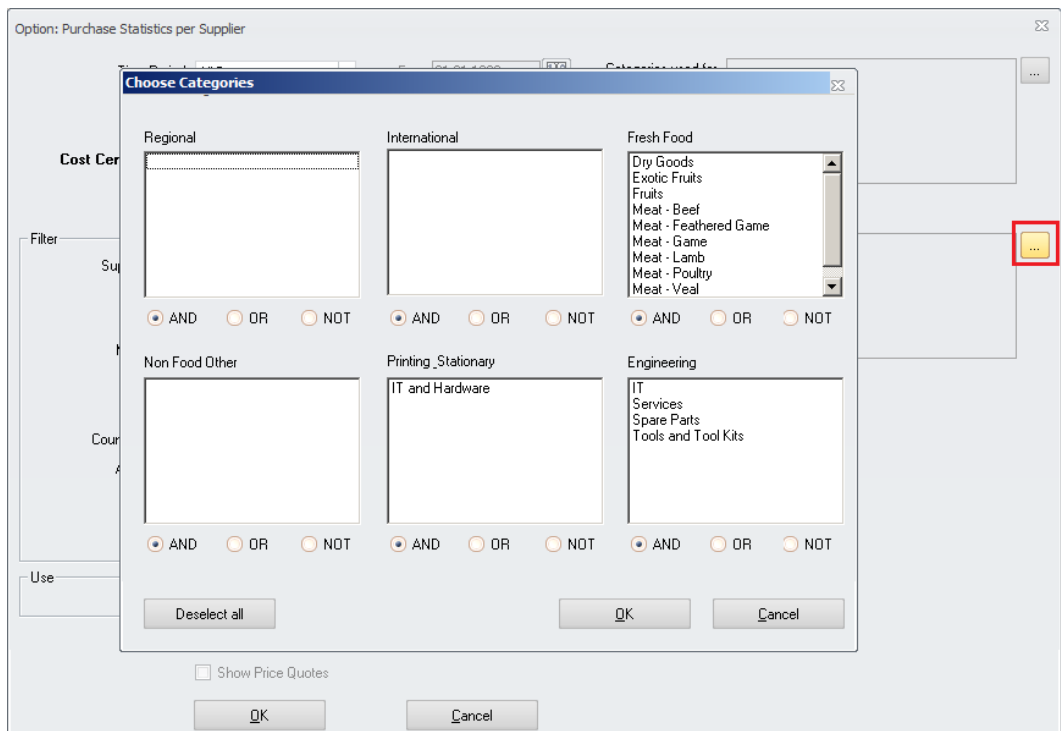
- As first change the selector “Cost Center/Store” is now mandatory and shown in bold.

➤ As second change it is now possible to filter by category.



It is now possible to include the categories defined at articles and/or supplier into the filter.

On click on the button the system will show the categories available for articles/suppliers:



After selection of one or more categories and the required conditions (and/or/not) the filter will be updated:

Option: Purchase Statistics per Supplier

Time Period: All Data From: 01.01.1990 To: 12.04.2013

Cost Center/Store: [Empty Field]

With Sub Cost Centers  
 Sum up Cost Center/Stores

Filter:

Supplier Group: [Empty Field]  
Supplier: [Empty Field]  
Over Group: [Empty Field]  
Major Group: [Empty Field]  
Item Group: [Empty Field]

Categories used for Articles: Hindi OR Muslim OR non Kosher  
Low Salt AND Sugar free  
Beer - Bottle France OR Beer - Bottle Irish

Categories used for Suppliers: Fruits OR Meat - Feathered Game OR Meat - Poultry  
Spare Parts

Please note that if any supplier was already selected in the selector on the left, the category selection for Suppliers is not accessible.

#### 44) Purch. Analysis > Receiving Deviation Details

The detail grid in Purchase Analysis > Purchase/Receiving Deviation per Supplier was enhanced to highlight the deviations in a better way:

Purchase/Receiving Deviation per Supplier

File Edit Purchase Master Data Help

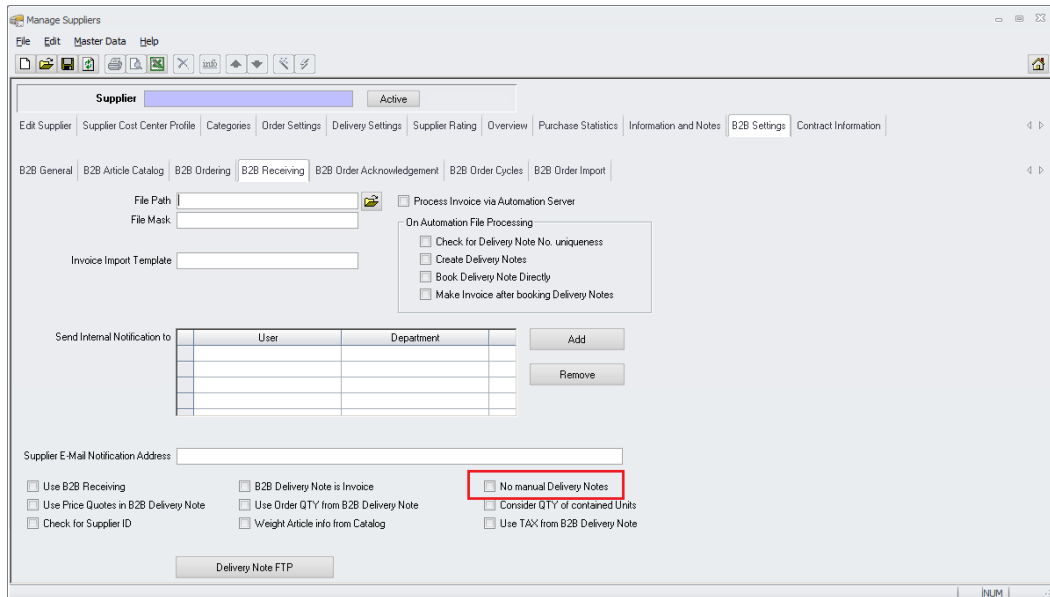
Time Period: 01.01.2013 - 04.04.2013; Cost Center/Store: Holiday Park: Hotel (+) ; Show All

Supplier	Article No.	Article	Ordered	Order Unit	Ordered QTY/BU	Order BU	Booked QTY	Received Unit	Variance QTY	Variance Unit	PO Price	Order Price
Mr Drink	5678	Apollinaris 1.0l	120.000	Bottle 1.0l	120.000	Liter	120.000	Bottle 1.0l	0.000	Bottle 1.0l	0.59000	0.
Mr Drink	1234567	Bionade Holunder (ea)	3.000	Case /24 each	72.000	Each	3.000	Case /24 each	0.000	Case /24 each	17.99000	0.
Mr Drink	222222	Bionade Ingwer (ea) 0.	3.000	Case /24 each	72.000	Each	3.000	Case /24 each	0.000	Case /24 each	17.99000	0.
Mr Drink		Bionade Litschi 0.33tr	3.000	Case /24 each	72.000	Each	3.000	Case /24 each	0.000	Case /24 each	17.99000	0.
Mr Drink		Bionade Mango (ea) 0.	3.000	Case /24 each	72.000	Each	3.000	Case /24 each	0.000	Case /24 each	17.99000	0.
Mr Drink		Bitter Lemon 0.2l	6.000	Case /24 0,2tr	28.800	Liter	4.000	Case /24 0,2tr	-2.000	Case /24 0,2tr	7.40985	1.
Mr Drink	5678	Coca-Cola 0.2tr	6.000	Case /24 0,2tr	28.800	Liter	6.000	Case /24 0,2tr	0.000	Case /24 0,2tr	3.00000	0.
Mr Drink	5678	Fanta 0.2l	6.000	Case /24 0,2tr	28.800	Liter	3.000	Case /24 0,2tr	-3.000	Case /24 0,2tr	6.50000	1.
TOTAL												

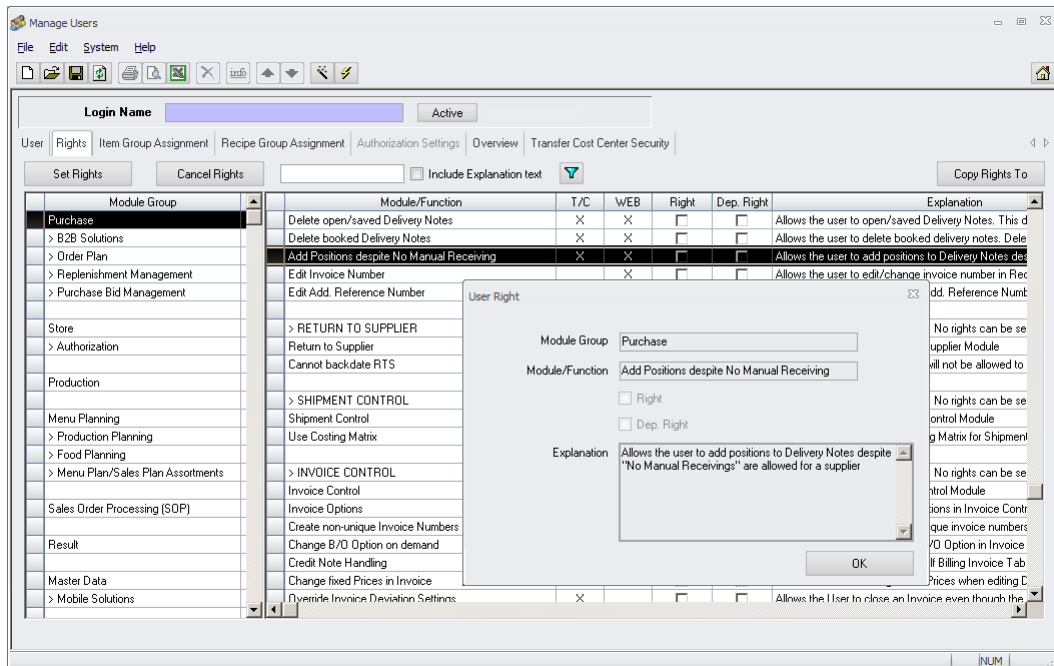
- QTY deviations will be shown with yellow filled cells
- Price deviations will be shown with green filled cells

## 45) B2B > Manual Positions

In version 8.7.10.xx the option to block manual positions in B2B Delivery Notes was added:



In order to allow exceptions now a user right was added:



Having this right set, the user will be able to add additional positions to the B2B Delivery Note.

#### **46) Purchase Budgets > New module**

A new module was added to allow the definition of Budget figures per Cost Center/Store and per Item Group. It also allows to show warnings during the ordering process as well as during the authorization of order documents  
For further details please see the manual "143\_MC\_Purchase\_Budget".

#### **47) Bid Management > Column Naming**

When using Purchase History Data in the Bid Sheets the system will now name the column showing the previous period price based on the price type selection.  
For further details please see the manual "139\_MC\_Manual\_Bid\_Management".

#### **48) Bid Management > Assortment Naming**

The Bid Management contains a function to create assortments out of the bid sheets. This function was enhanced to allow a manual definition of the assortment name. For further details please see the manual "139\_MC\_Manual\_Bid\_Management".

#### **49) Bid Management > Price Quote Creation**

When creating Price Quotes out of the module Bid Management, the system now will use the definitions set in the source article. For further details please see the manual "139\_MC\_Manual\_Bid\_Management".

## IV. Store:

### 50) Issue Request > Assortment Mode

The overview screen view has been adjusted. At opening the module will show all types of documents depending on the UDF settings.

A	C	Cost Center/Store	Request From	Document	Date	Status	Info	Warning	Owner	Changed by	At
		Main Store Beverage	Main Store Beverage	Kitchen Spirits	16.04.2003	Assortment	Kitchen Spirits restricted		admin	admin	08.10.20
		Main Store Beverage	Main Store Beverage	Kerstin Test	19.01.2006	Assortment			admin	admin	30.03.20
	Club	Main Store Beverage	Main Store Beverage	Test Assortment for Savin	06.08.2008	Assortment			admin	admin	06.08.20
	Club	Main Store Beverage	Main Store Beverage	Test for Saving	06.08.2008	Assortment			admin	admin	06.08.20
	Club	Main Store Beverage	Main Store Beverage	Jan Save Test	13.11.2008	Assortment			admin	admin	13.11.20
		Main Store Beverage	Main Store Beverage	test	14.07.2009	Assortment			admin	admin	28.07.20
		Main Store Beverage	Main Store Beverage	Tent Assortment	10.02.2010	Assortment	NGC Test Assortment		admin	admin	10.02.20
		Main Store Beverage	Main Store Beverage	Assortment Ask both	01.06.2010	Assortment	Assortment Ask: both		anselm	anselm	01.06.20
	Club	Main Store Beverage	Main Store Beverage	Assortment Ask from	01.06.2010	Assortment	Assortment Ask: from		anselm	anselm	01.06.20
	Club	Main Store Beverage	Main Store Beverage	Assortment Ask none	01.06.2010	Assortment	Assortment Ask: none		anselm	anselm	01.06.20
		Main Store Beverage	Main Store Beverage	Assortment Ask to	01.06.2010	Assortment	Assortment Ask: to		anselm	anselm	01.06.20
	Club	Main Store Beverage	Main Store Beverage	TR-09-03-30-00009	30.03.2009	Open Issue Req.		Rejected by: General Manage	SystemSched	SystemSched	30.03.20
	Club	Main Store Beverage	Main Store Beverage	TR-09-04-28-00023 (Club)	28.04.2009	Open Issue Req.			admin	admin	28.04.20
	Main Store Beverage	Club	Club	LA-001088	06.07.2009	Open Issue Req.			admin	admin	06.07.20
	Main Store Beverage	Club	Club	TR-09-07-06-00009 (Mar)	06.07.2009	Open Issue Req.			admin	admin	06.07.20
	Main Store Beverage	Club	Club	TR-09-07-06-00010 (Mar)	06.07.2009	Open Issue Req.			admin	admin	06.07.20
	Main Store Beverage	Club	Club	TR-09-07-06-00012 (Mar)	06.07.2009	Open Issue Req.			admin	admin	06.07.20
	Club	Main Store Beverage	Main Store Beverage	TR-09-07-06-00008 (Club)	06.07.2009	Open Issue Req.			admin	admin	06.07.20
	Club	Main Store Beverage	Main Store Beverage	TR-09-08-12-00002 (Club)	12.08.2009	Open Issue Req.		test	anselm	anselm	12.08.20
	Club	Main Store Food	Main Store Food	TR-09-11-11-00009 (Club)	11.11.2009	Open Issue Req.			admin	admin	11.11.20

If the user now switches to the Assortment mode...

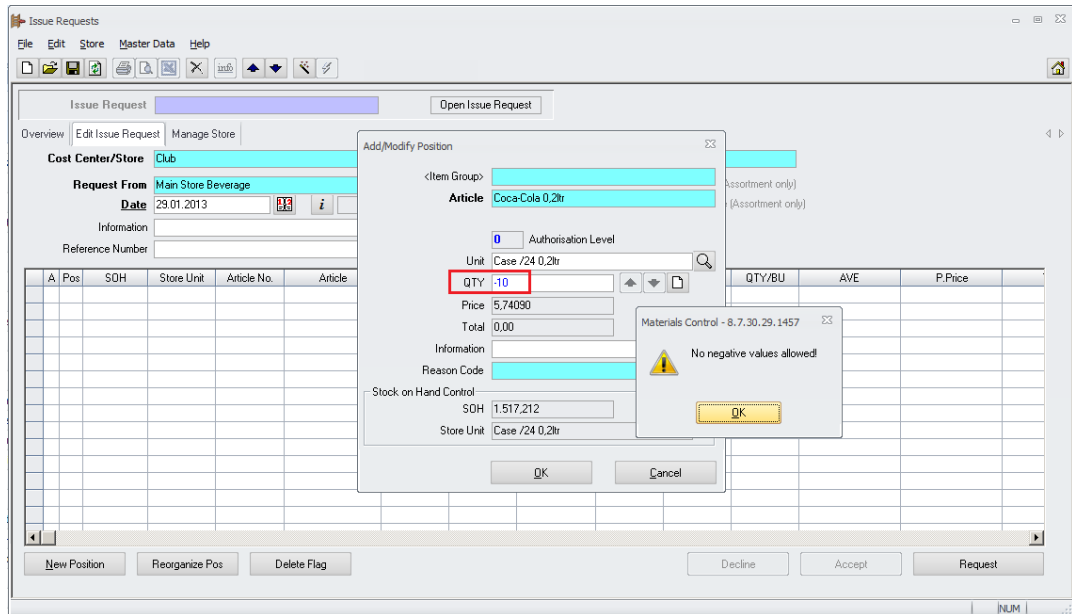
A	C	Cost Center/Store	Request From	Document	Date	Status	Info	Warning	Owner	Changed by	At
		Main Store Beverage	Main Store Beverage	Liqueur Assortment Banku	05.02.2003	Assortment			admin	admin	01.10.2002
		Main Store Beverage	Banquet	from Banklett Order	18.04.2003	Assortment			admin	admin	18.04.2002
		Bowling Center 1006	Main Store Beverage	Anselms Assortment	30.04.2003	Assortment	Ich habe Durst		admin	admin	24.02.2004
		Banquet	Main Store Food	Food Assortment	08.11.2003	Assortment	Information		admin	admin	19.10.2012
		Banquet	Main Store Beverage	Test Request Assortment	18.11.2003	Assortment			admin	admin	18.11.2002
		Main Store Beverage	Main Store Beverage	test save	12.02.2003	Assortment			anselm	anselm	12.02.2003
		Main Store Beverage	Main Store Beverage	Department assortment	15.02.2003	Assortment			admin	admin	19.09.2003
		Club	Club	IP Production Assortment	16.04.2003	Assortment	Pre-Production Assortment		admin	admin	16.04.2003
		Main Store Beverage	Main Store Beverage	Kitchen Spirits	16.04.2003	Assortment	Kitchen Spirits restricted		admin	admin	08.10.2012
		Main Store Beverage	Main Store Beverage	Kerstin Test	19.01.2006	Assortment			admin	admin	30.03.2009
	Club	Main Store Beverage	Main Store Beverage	Test Assortment for Savin	06.08.2008	Assortment			admin	admin	06.08.2008
	Club	Main Store Beverage	Main Store Beverage	Test for Saving	06.08.2008	Assortment			admin	admin	06.08.2008
	Club	Main Store Beverage	Main Store Beverage	Jan Save Test	13.11.2008	Assortment			admin	admin	13.11.2008
		Main Store Beverage	Main Store Beverage	test	14.07.2009	Assortment			admin	admin	28.07.2011
		Main Store Beverage	Main Store Beverage	Tent Assortment	10.02.2010	Assortment	NGC Test Assortment		admin	admin	10.02.2010
		Main Store Beverage	Main Store Beverage	Assortment Ask both	01.06.2010	Assortment	Assortment Ask: both		anselm	anselm	01.06.2010
	Club	Main Store Beverage	Main Store Beverage	Assortment Ask from	01.06.2010	Assortment	Assortment Ask: from		anselm	anselm	01.06.2010
	Club	Main Store Beverage	Main Store Beverage	Assortment Ask none	01.06.2010	Assortment	Assortment Ask: none		anselm	anselm	01.06.2010
		Main Store Beverage	Main Store Beverage	Assortment Ask to	01.06.2010	Assortment	Assortment Ask: to		anselm	anselm	01.06.2010

... the system will show documents of type Assortment only.



## 51) Issue Request > Negative QTYs

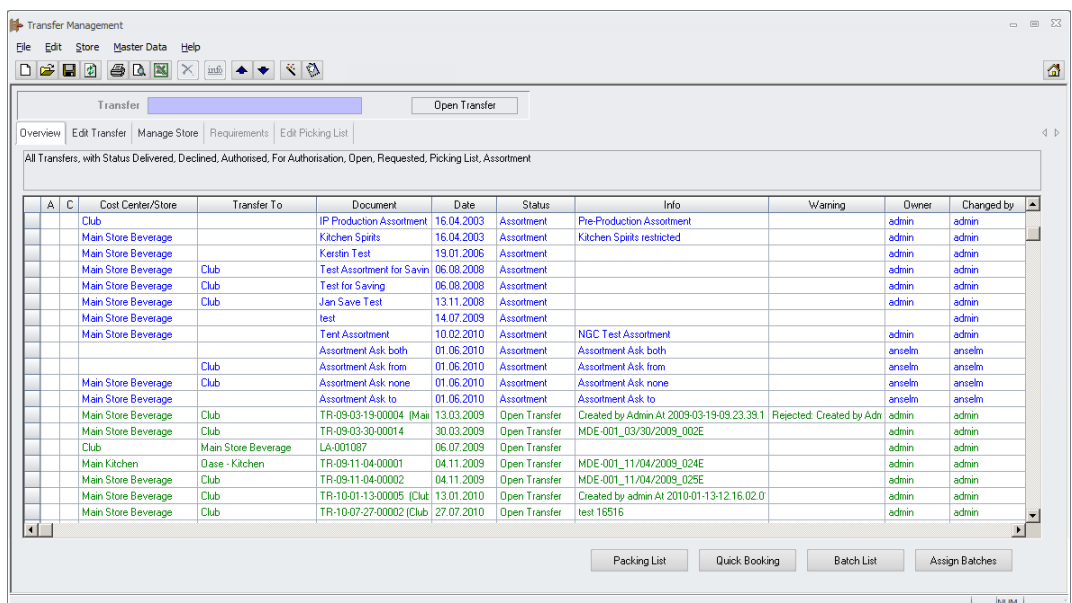
It is now no longer possible to create an Issue Request with negative quantities.



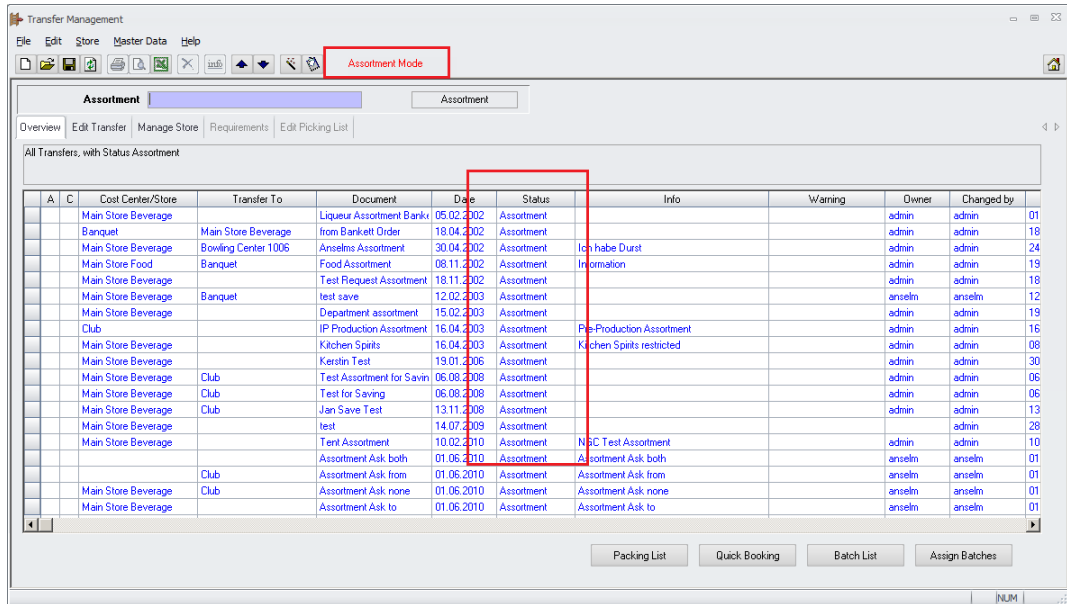
Such documents created too many problems in various recalculation processes. Documents with positives quantities in reverse direction should be booked instead.

## 52) Transfer > Assortment Mode

The overview screen view has been adjusted. At opening the module will show all types of documents depending on the UDF settings.



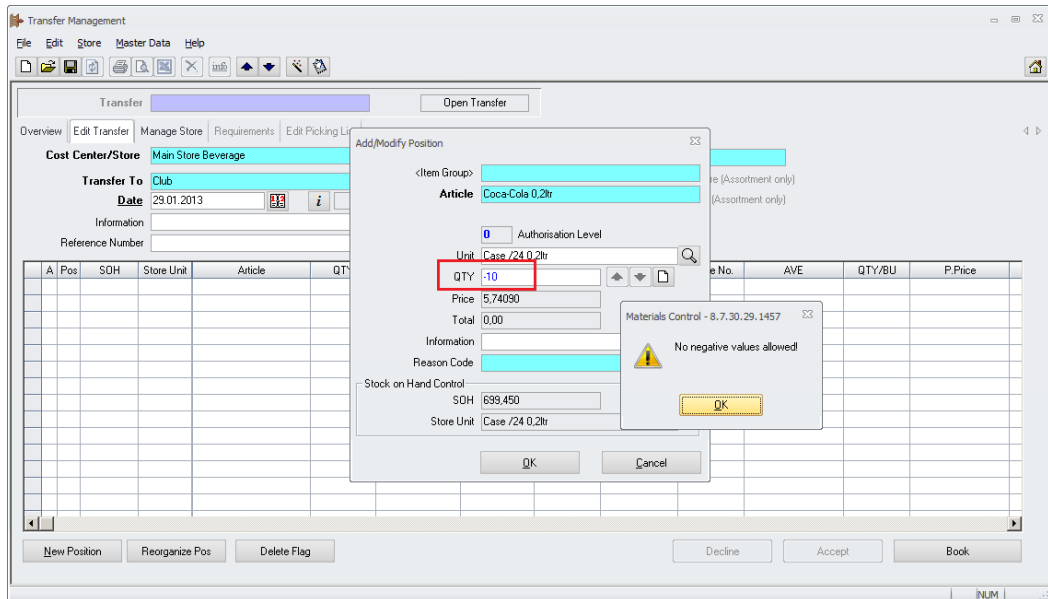
If the user now switches to the Assortment mode...



... the system will show documents of type Assortment only.

### 53) Transfer > Negative QTYS

It is now no longer possible to create a Transfer with negative quantities.

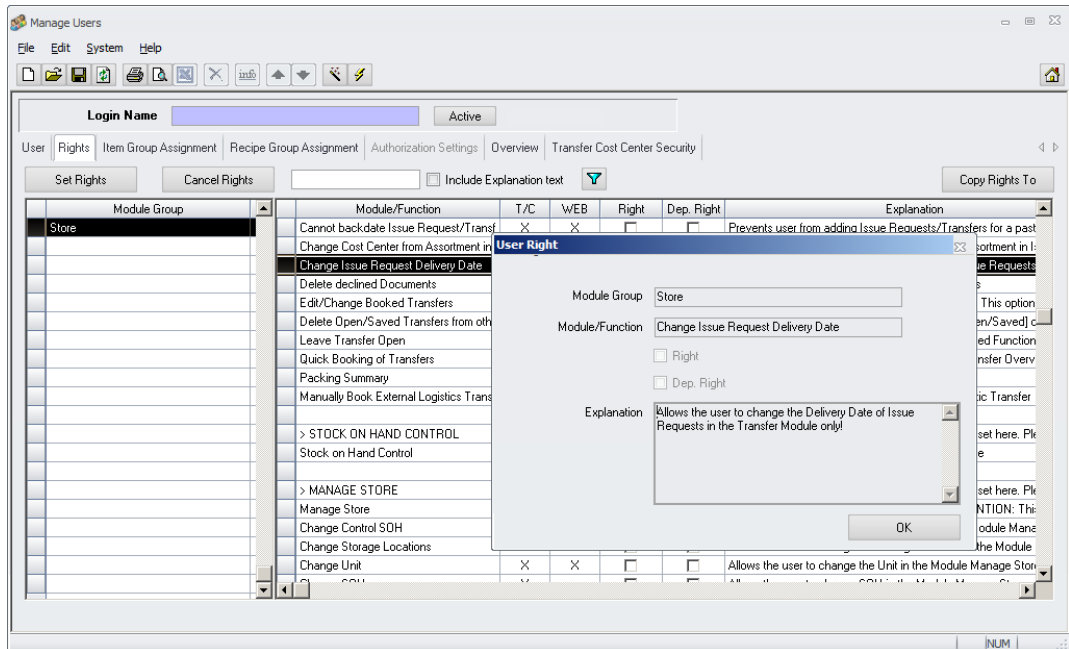


Such documents created too many problems in various recalculation processes. Documents with positives quantities in reverse direction should be booked instead.

## 54) Transfer > Booking of requested Documents

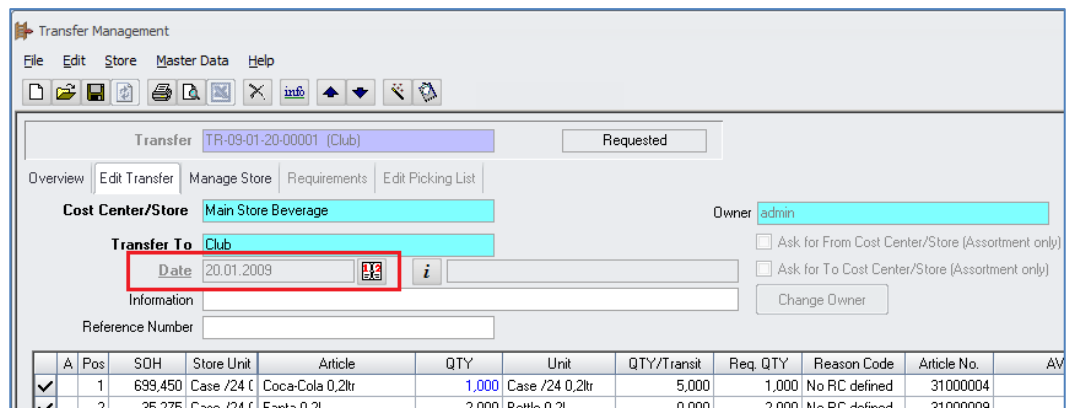
The requested delivery date in placed Issues Requests is now secured by a user right.

Go to System > Users > select any user > scroll to section Store > Transfers:

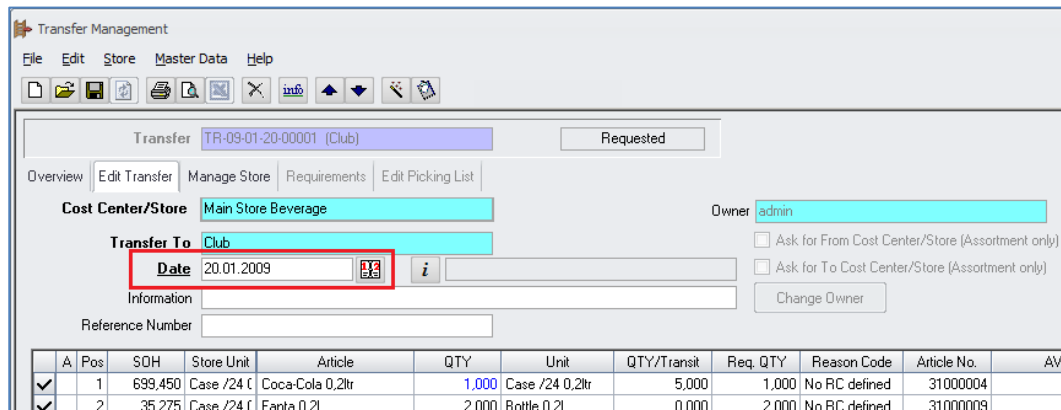


The new right “Change Issue Request Delivery Date” now controls the accessibility of the “Date” field in the requested documents.

After placing the Issue Request it will appear in the Transfer module having the status “Requested”.



- If the right is not set, the user will not be able to adjust the date in the document.

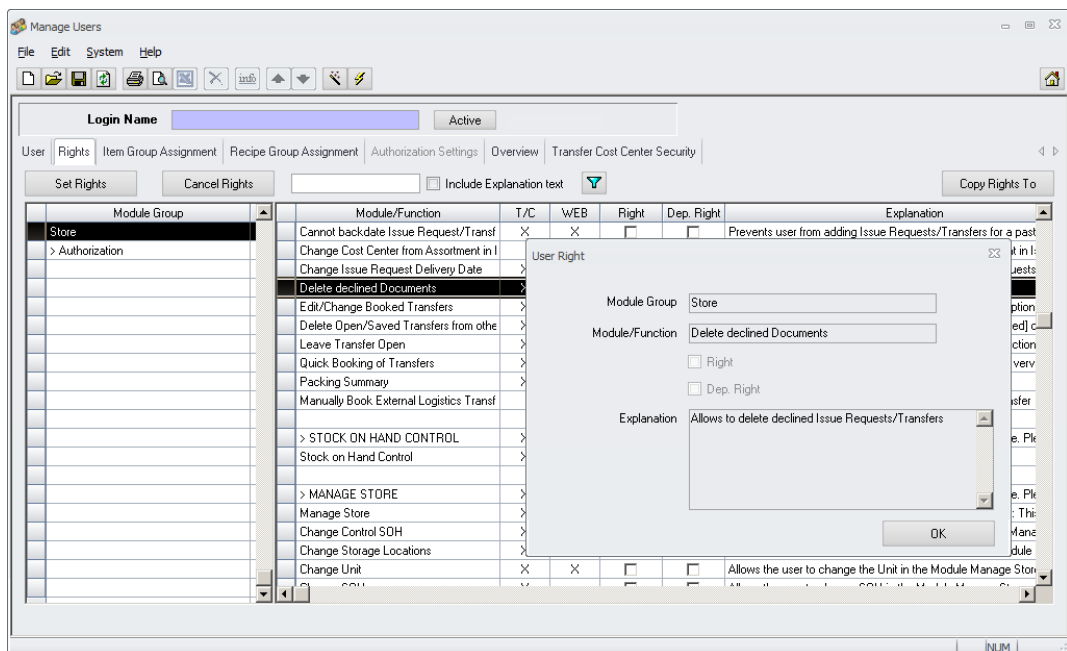


- If the right is set, the field is open and the date can be adjusted.

## 55) Transfer > Deletion of declined Documents

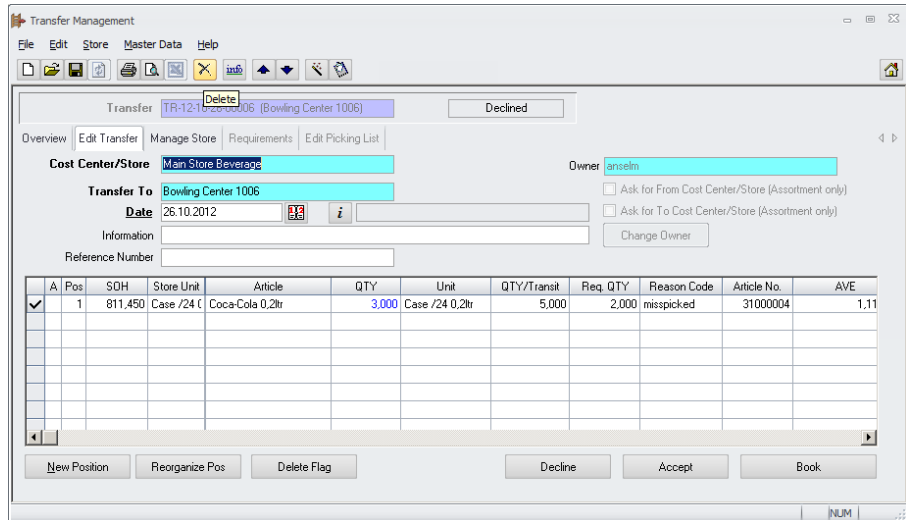
A new user right was added to control the deletion of declined transfer documents

Go to System > Users > select any user > scroll to section Store > Transfers:

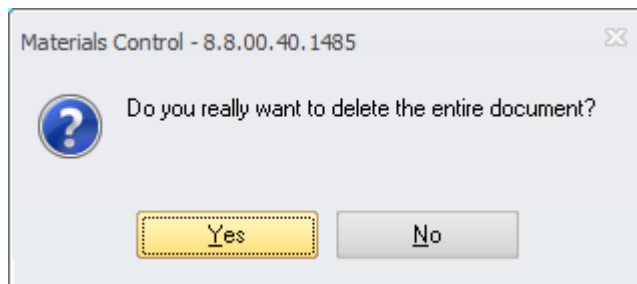


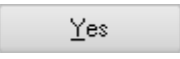
Here the new right “Delete declined Documents” can be found.

- If the user right is set, the  icon in the toolbar is activated.

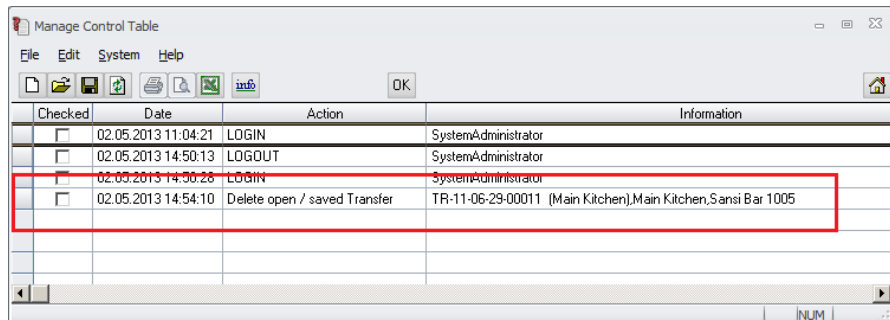


After click the system will ask once more for confirmation:



Click  to finally delete the document.

This will be logged in the control table:



## 56) Transfer > VTS & Rebooking

The rebooking process for transfers was adjusted for a specific scenario.

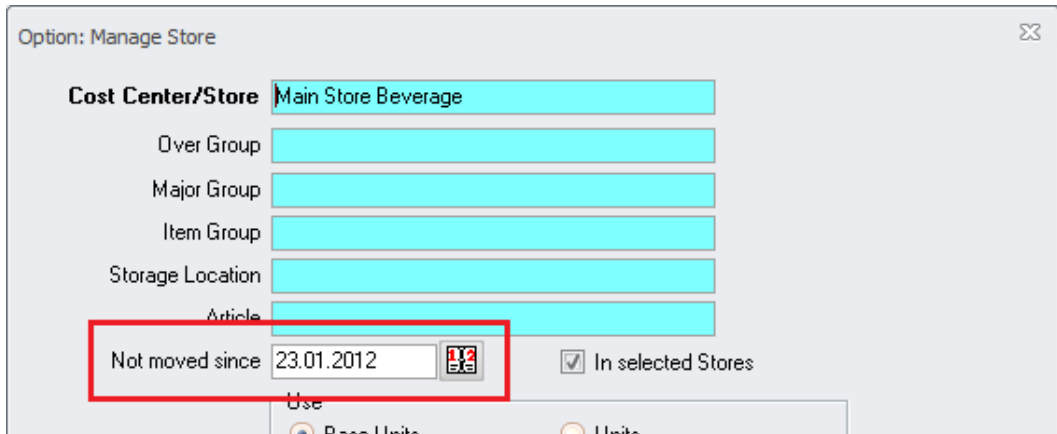
- Daily Totals must be activated. Otherwise rebooking of transfers is not possible at all.

When using Virtual Transit Stores usually the transfer is booked from the source store via the VTS to the target store.

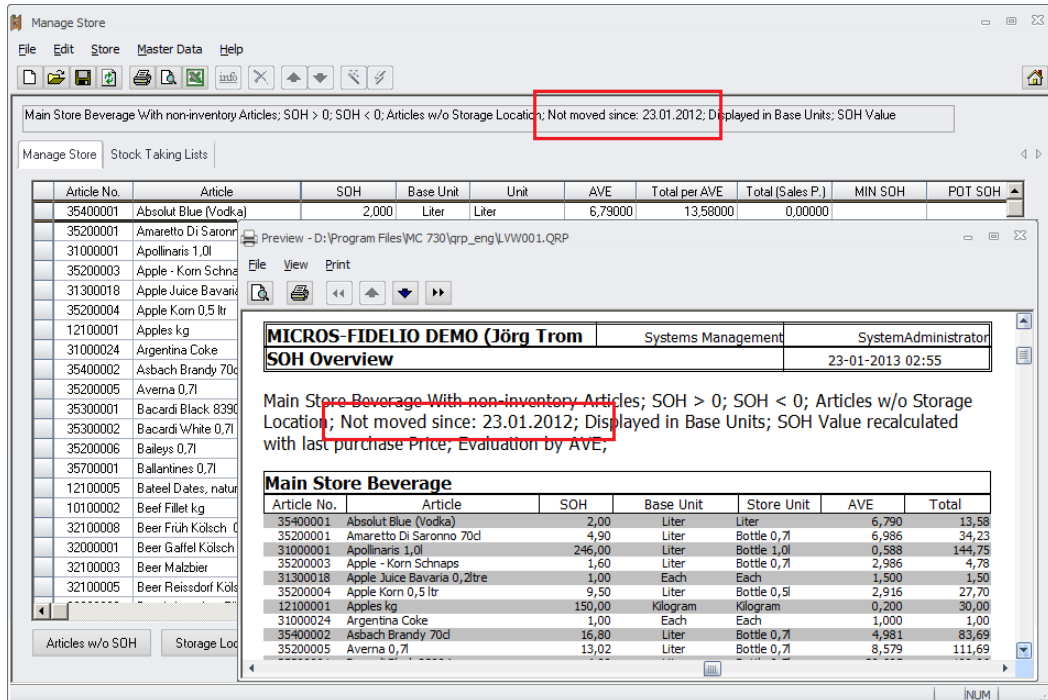
In former version this procedure also was kept when rebooking an already booked transfer. Besides the fact that this in most cases is not expected/required, it sometimes caused problems in the application as well. Because of this now the procedure was adjusted. When rebooking a transfer it will be booked completely, no further accept required.

## 57) Manage Store > Not Moved Since

This module allows to search for articles having not moved since a defined date.



Unfortunately after selecting any date here, the application did not show this anywhere afterwards. This has been corrected.

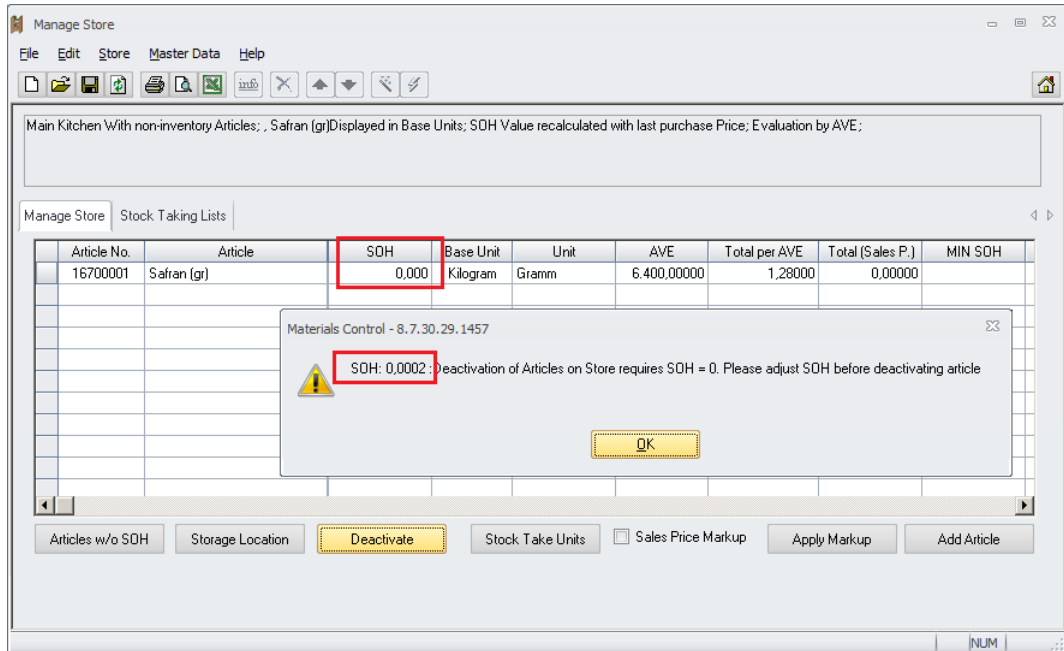


The selected date is now shown in the info box above the grid as well as on the printable report.

## 58) Manage Store > Deactivation Message

Depending on the settings the system may show for some articles a SOH of 0 where it actually is not 0. As a result of that a deactivation on the store may be impossible. The example below will explain the details.

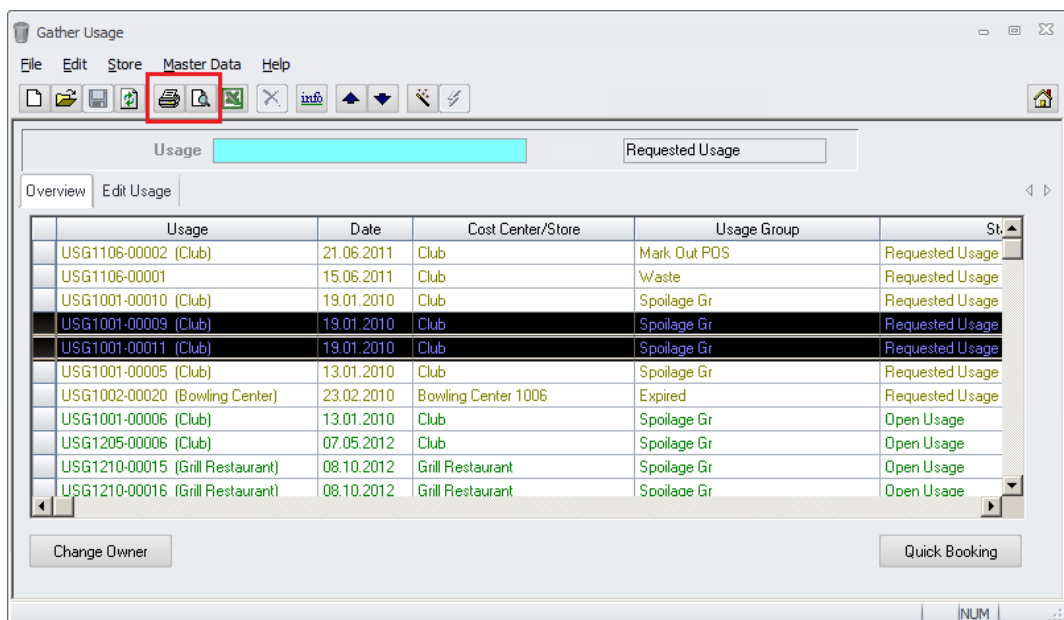
The article "Safran (gr)" was created with a BU = Kilogram and also the preferred Store Unit is defined as Kilogram.



Since the system shows in Manage Store 3 three decimals (which is correct) values below 1 Gram and below 1 Milliliter will not be visible if the shown unit is Kilogram or Liter. If the user now tries to deactivate an article having such SOH the application will now show a message like displayed above including the detailed SOH (here 0,2 gram).

## 59) Usages > Multiple Document Print

The module Usages was adjusted to allow now the print of multiple document “in one go”. Simply mark two or more documents in the Overview screen and click the print/preview button:



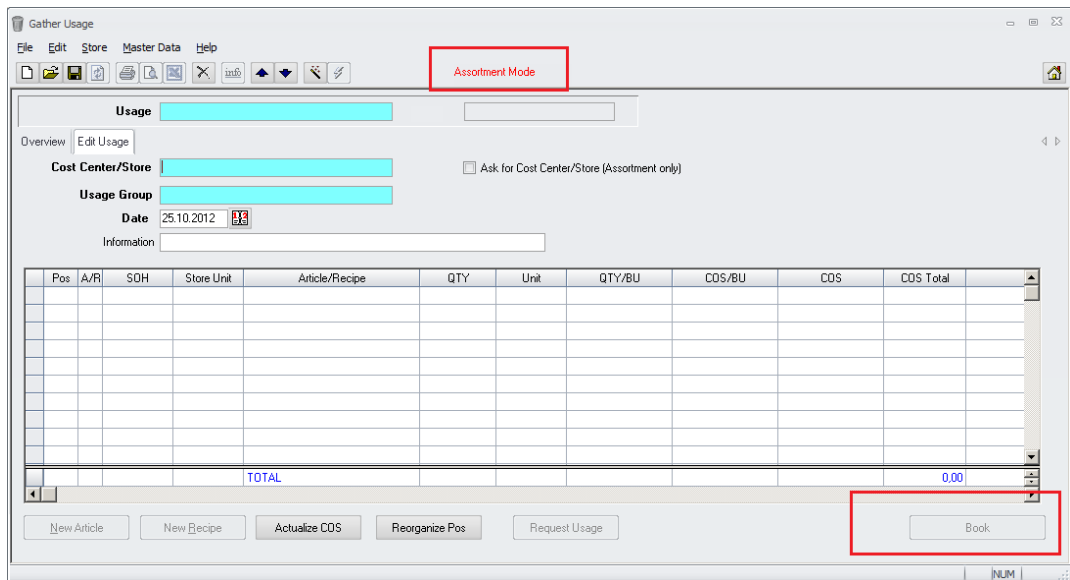
- **Print:** The system sends the documents to be printed directly to the printer.



- Preview: The system will open the first document for preview. From here the user could print it if required. After closing the first preview, the system will open the next document.

## 60) Usages > Assortment Mode

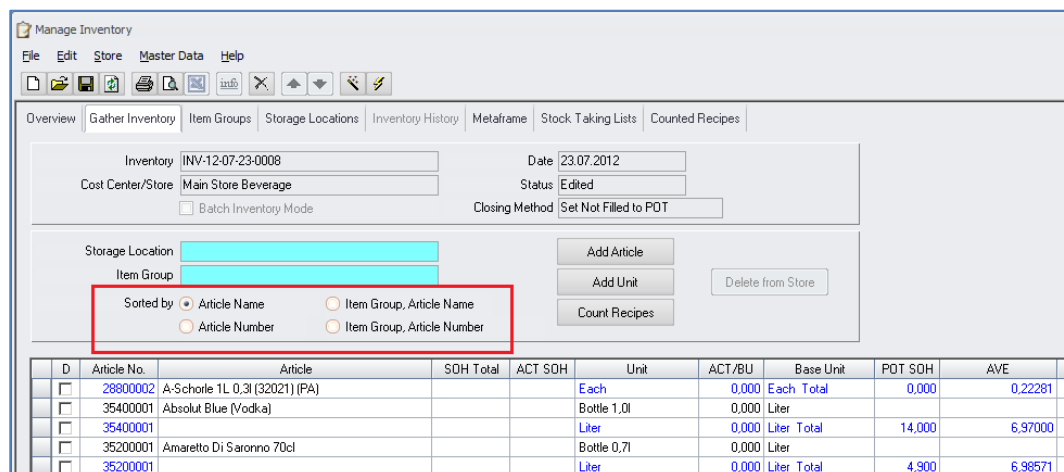
When working in module Usages in Assortment Mode, the “Book” button is now deactivated.



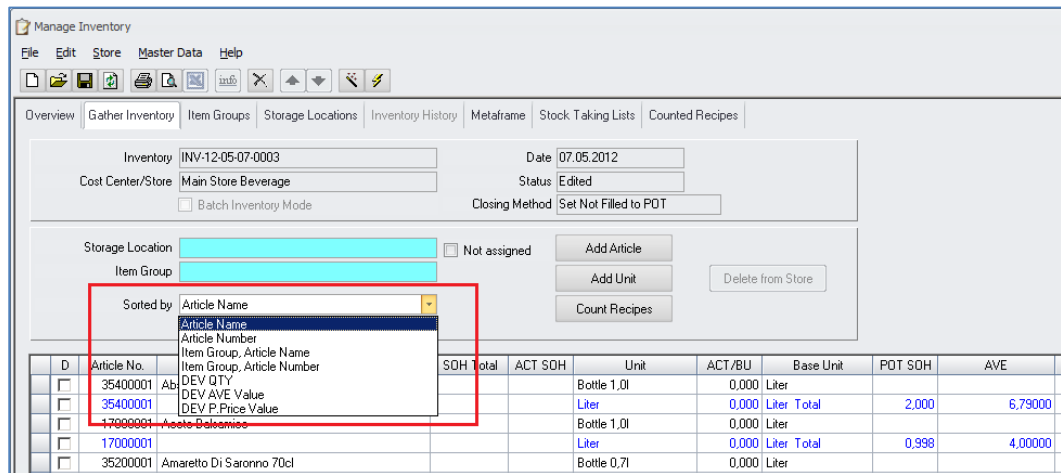
After switching back to the normal mode, the button becomes active again.

## 61) Inventory > New Sorting Options

The sorting options in the screen “Gather Inventory” were enhanced. In former versions the four options shown below were available:



Here now the list could be sorted by Deviation QTY or Deviation Value as well.



Due to space limitations the options are now shown in a selection list instead of radio buttons.

## 62) Inventory > DTTLs Check at Booking

A new integrity check was added to the module Inventory. This check will show a warning if the details in the Daily Totals may not be up-to-date. This could occur if delivery notes in the past were corrected and the job "Recalculation of COS from Documents" was not executed. For further details please see the updated manual "130\_MC\_DailyTotals".

## 63) Inventory > Closing Stores per Client

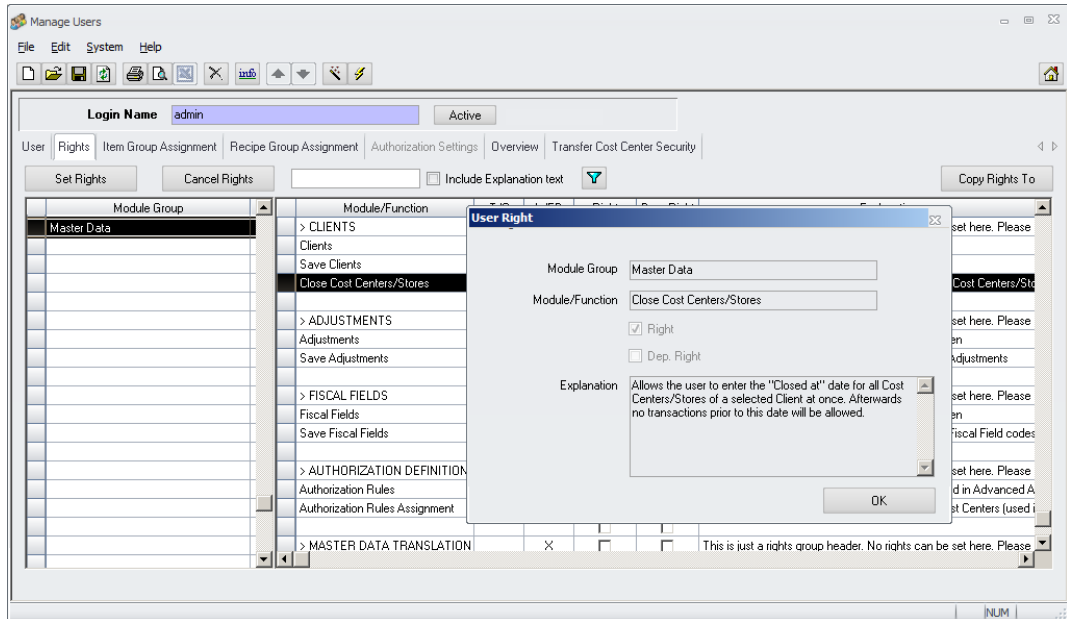
A new function was added to lock cost centers for transactions during inventory evaluation/closing. This might be useful in environments where the final booking process might take a while since a number of cost centers should be closed at the same time.

In order to use this function the following must be configured:

### User Rights:

To close the cost centers for transactions the user must be allowed to access the related function.

Open Manage Users > select the user > switch to the tab Rights and scroll down to the section Master Data > Clients:

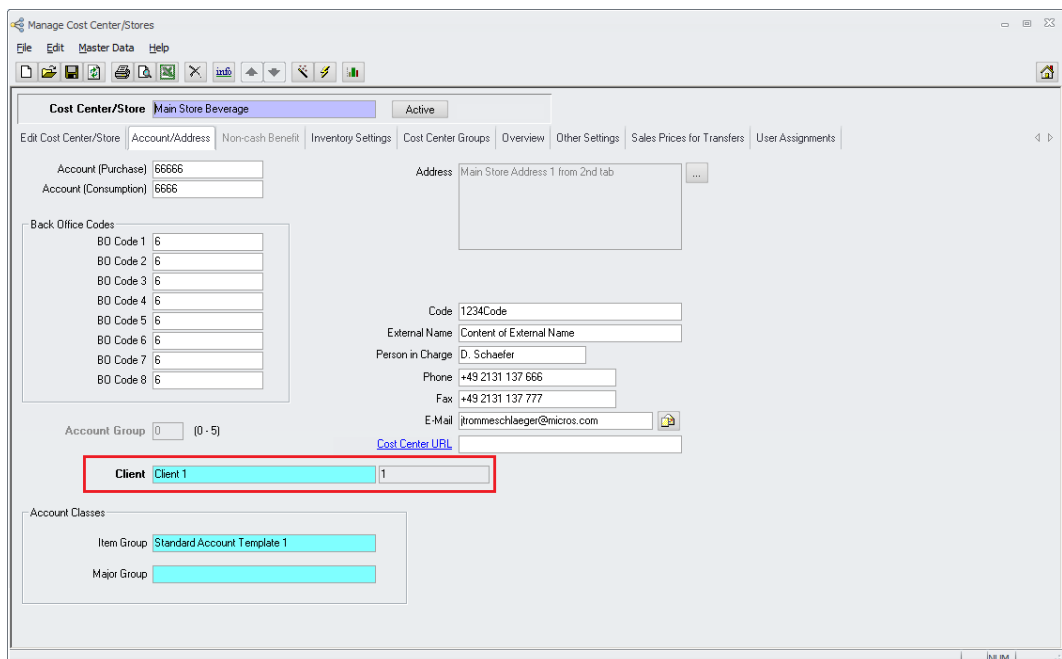


Besides the user right “Clients” to access the module itself, the right “Close Cost Centers/Stores” must be set.

**Cost Center > Client Assignment:**

All the cost centers must be assigned to a client. (see MC\_Changes\_in\_MC\_8\_6\_5\_10). Please check that the assignment matches the local requirements.

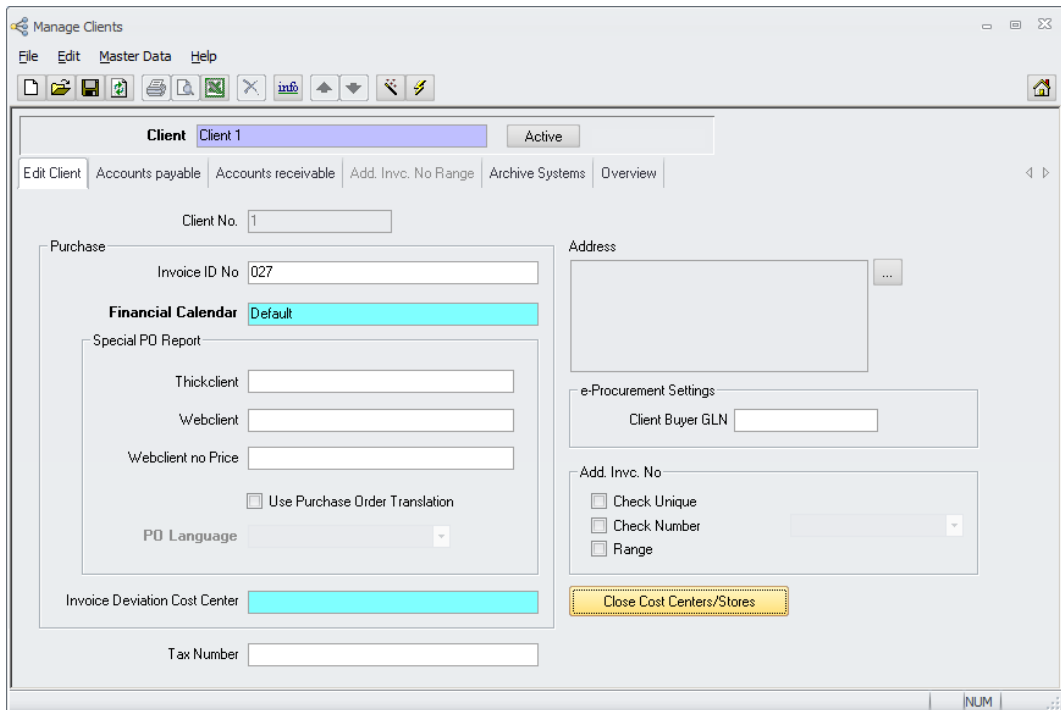
Open Master Data > Cost Center/Stores > select any record and switch to the tab “Account/Address”:



Here the client for this cost center could be selected from the list of clients created in the module “Manage Clients”.

**Workflow:**

Open the module “Manage Clients” and select the required client:



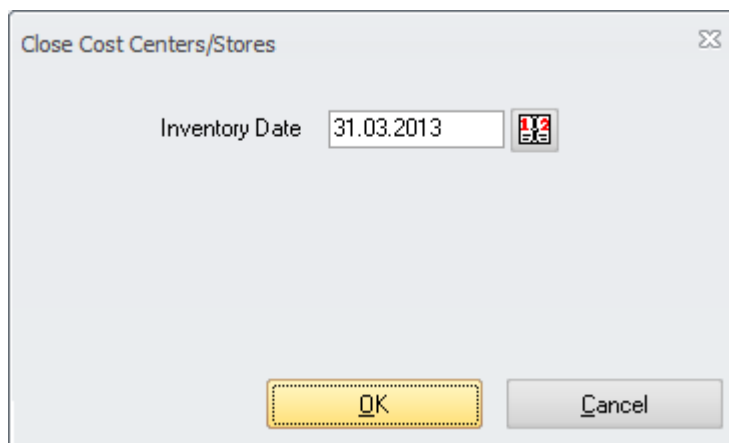
Here the function “Close Cost Centers/Stores” can be found.

On click the application will show a dialog offering the inventory date.

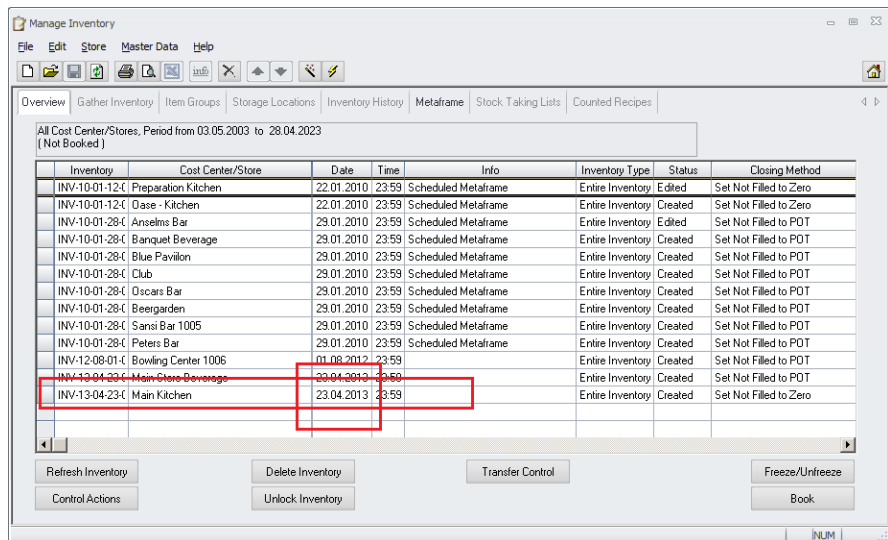
This suggested date is calculated based on the following:

General: Spot checks will not be considered.

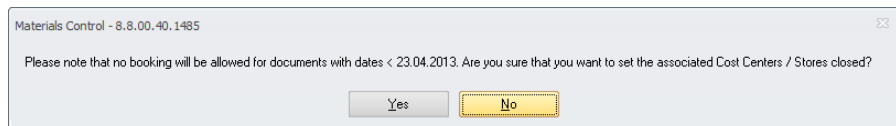
- If there is no open inventory for any of the cost centers assigned to the selected client, the system will suggest the last day of the previous month.

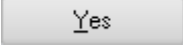


- If there is one or more open inventories for any of the cost centers assigned to the selected client, the system will suggest the date of the latest open full inventory found.



➤ Once clicked  the system will ask one more time:

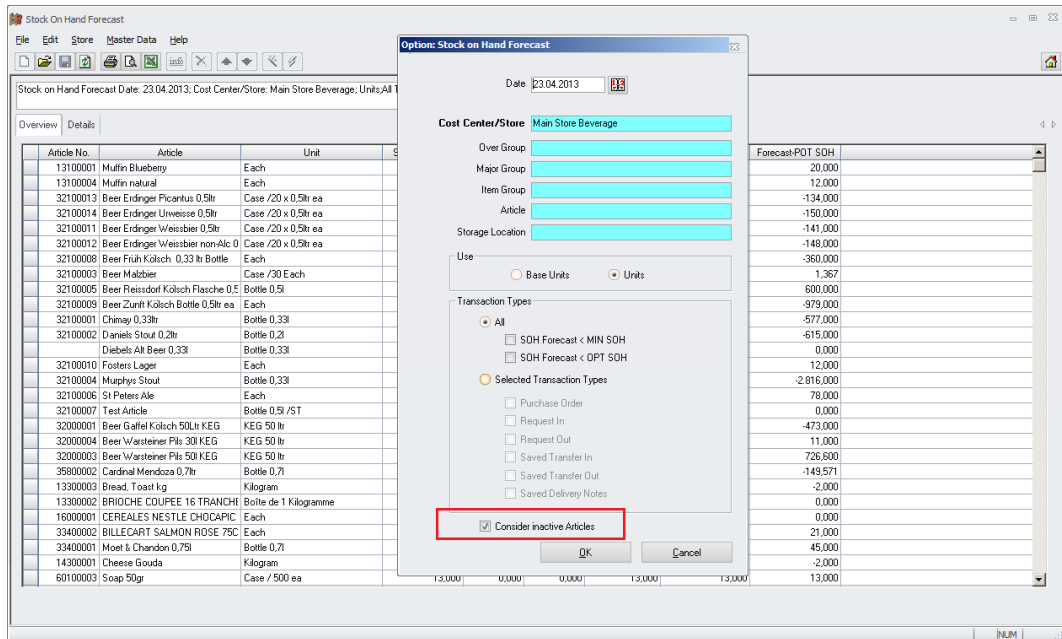


Click  to execute the cost center closing.

Please note that this does not book the inventory. It just closes the cost centers for booking transactions to any date before the defined inventory date!

## 64) SOH Forecast > Inactive Articles

The module Stock on Hand Forecast was enhanced.



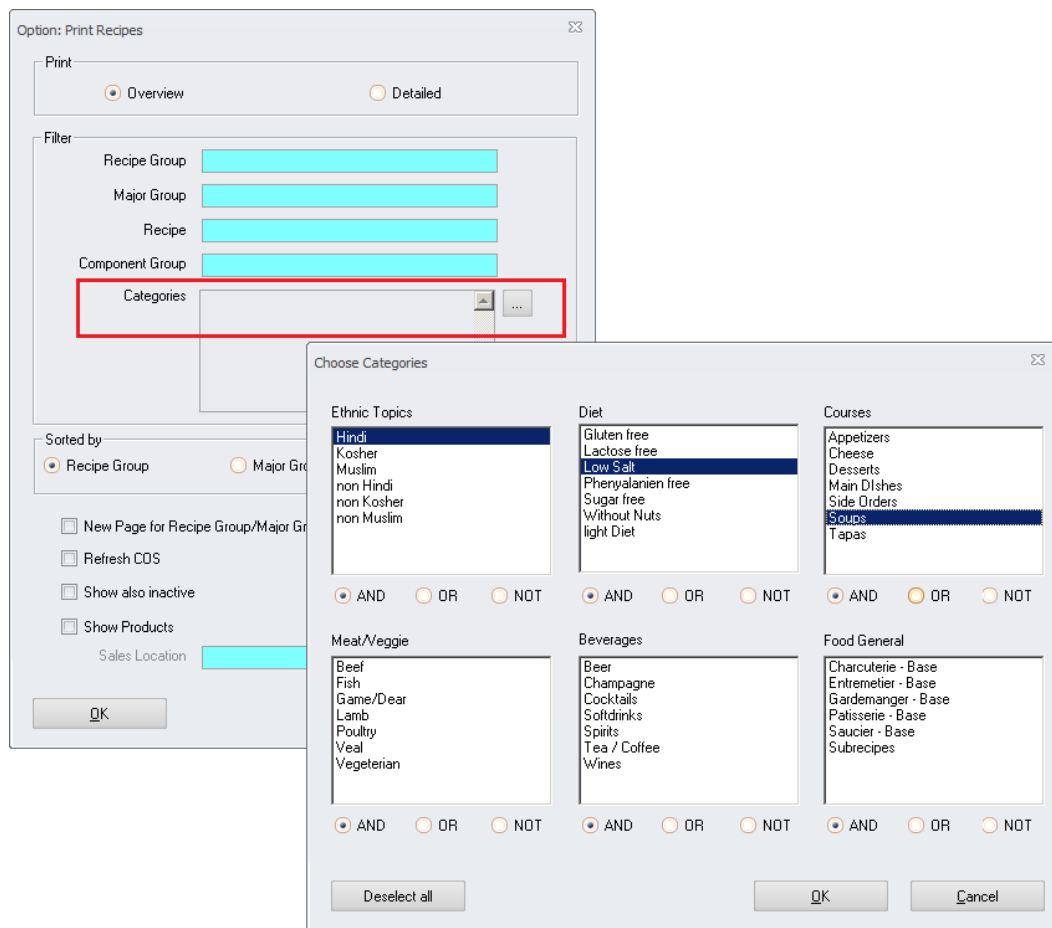
The new option “Consider inactive Articles” allows to control which articles should be considered for the calculation.

- If check box not marked (default):  
Inactive / deactivated articles will not be considered for the calculation.
- If check box marked:  
Inactive / deactivated articles will be considered for the calculation.

## V. Production:

### 65) Print Recipes > Categories

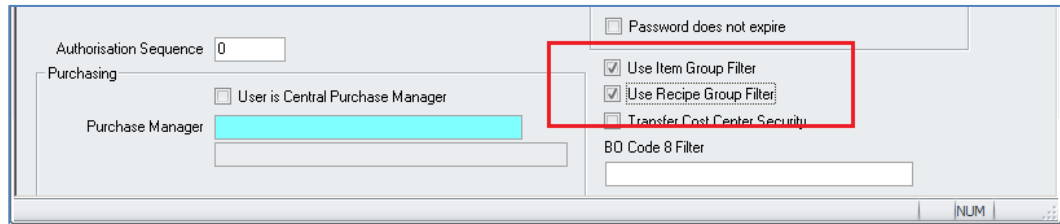
This module was enhanced to allow filtering by one or more categories now:







Go to System > Users:



If the filters are activated and the required definitions done in the related tabs, the application will consider those in the two selection fields in the module Search Recipe Ingredients.

## 68) Nutrients > Import Tool

The Nutrient Import Tool was rewritten completely. At the moment this is a separate tool outside the usual Materials Control application.

Further details can be found in the manual "55\_MC\_Manual\_Nutrients"

The import feature in Production > Nutrients can be used for the old catalogues formats only.

## 69) Nutrients > Catalogue Licenses

Due to copy rights and ownerships restrictions of the catalogues it might be required that the customer (Hotel, Restaurant, etc.) has to purchase a license for the used catalogue at the local authority.

Since the handling is different in each country MICROS **does not deliver** such licenses with the application.

## 70) Nutrients > New supported Catalogues

Materials Control now also offers support for the CoFIDS catalog, based on "McCance and Widdowson's *The Composition of Foods*". This is the standard UK nutrition database. Updated catalogues:

- NEVO2011
- USDA sr25
- NUTTAB2010
- BLS 3.01

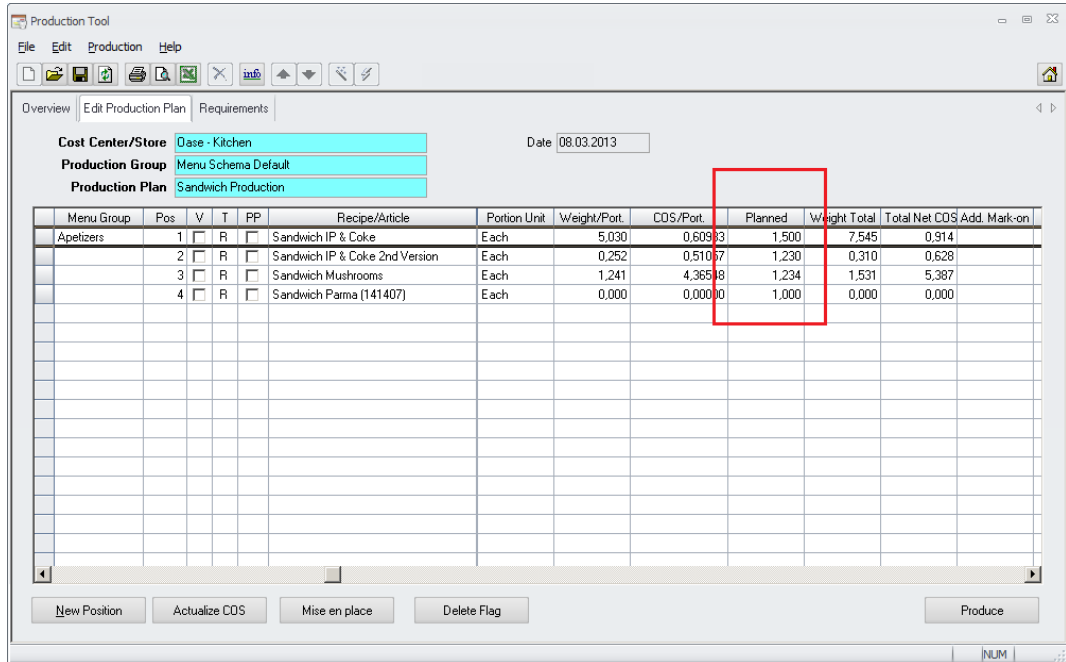
NOTE: Before importing / using any nutritional catalogue in Materials Control it needs to be ensured that eventually required licenses are available. Please see "[69\) Nutrients > Catalogue Licenses](#)"

## 71) Additives Management

The Additives are now available in English as well. Please read the detailed manual "55a\_MC\_Manual\_Additives".

## 72) Production Tool > Decimals allowed

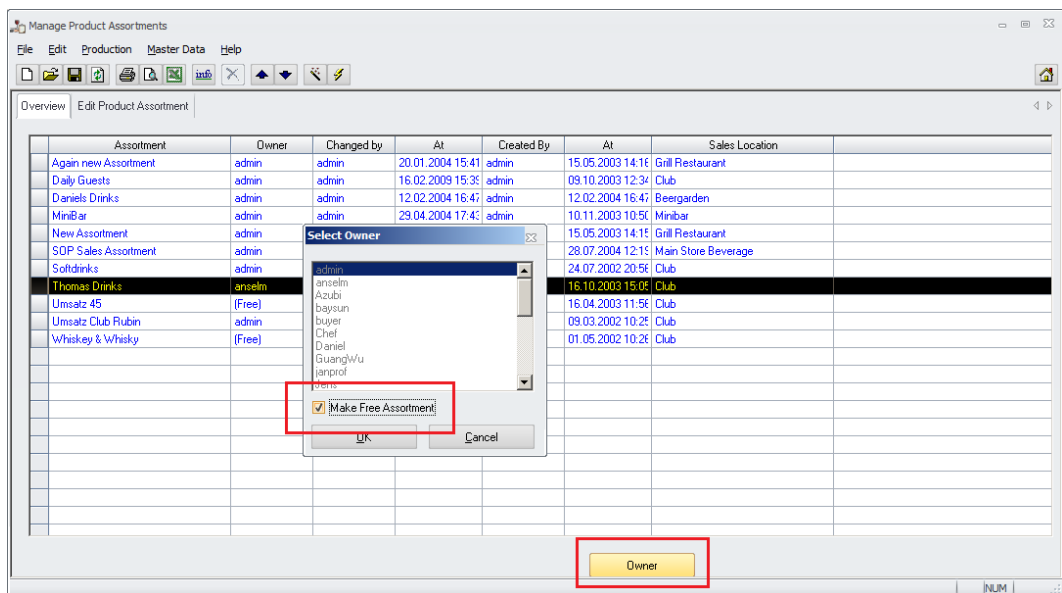
The Production Tool now also allows to define the production QTY with decimals.



This is useful if e.g. food items are produced in kilogram.

## 73) Product Assortments > Ownership

Product Assortments now also could be defined as "Free Assortments".



Similar as in the other Assortment modes this option makes the assortment visible to all users.

## 74) Menu Engineering > Grouping Options

The Menu Engineering was enhanced.

These options will influence the sorting/grouping in the grid and in the reports.

## 75) RES3700 / EM > Sales Item Name 2

When importing sales menu items from MICROS RES 3700 or MICROS EM the system now offers to import the Menu Item Name 2 as well.

The behaviour is controlled by a parameter. Go to System > Configuration > [Produkt] > EM37SalesName:

The following values are supported:

- If blank or 0: Current behaviour. Sales Item name 1 from MICROS DB is read as product name (field PRO\_NAME in table).
- If 1: System should read Sales Item Name 1 and Sales Item Name 2 from MICROS DB.
  - The names will be concatenated with " | "
  - The concatenated name will be truncated after 60 characters
- If 2: Sales Item Name 2 from MICROS DB is read as product name (field PRO\_NAME in table)

## VI. Results:

### 76) Cost of Sales Location Summary

A new column was added to this analysis:

At the right end of the table the last delivery date per position could be shown.

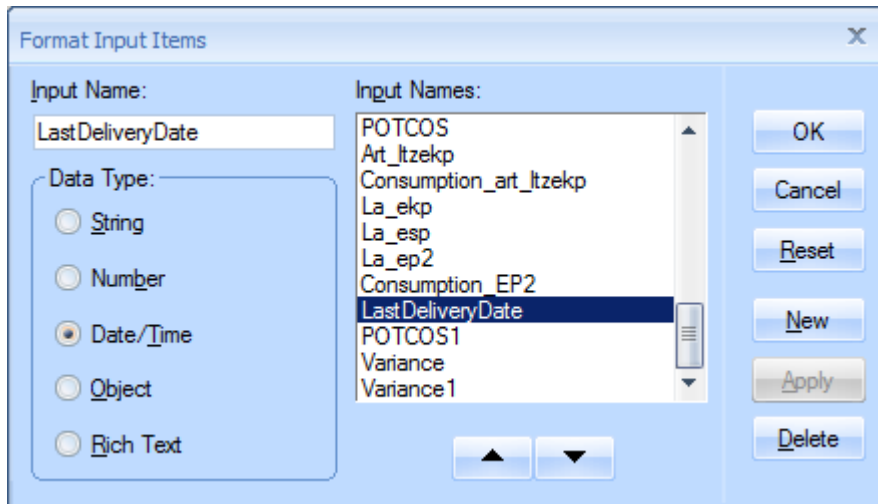
Since this may influence the performance massively, depending on the number of cost centers and articles, this must be activated in the dialog manually:

The date will not be selected if the checkbox is not set.

NOTE: The system here considers the user's cost center filter. It shows the last delivery date in the selected cost center and/or any cost center in the users cost center filter. The shown date does not have to be the last delivery date in the selected cost center!

The date also could be added to the customer's report set. (it is not visible on the standard report!)

Just add the Input Item as shown below to the report and save it as e.g. C\_INV028.QRP



### 77) Booking Journal > Group Columns

The module Booking Journal was enhanced to show the groups assigned to the selected article as well:

Booking Date	Document Date	Document Number	Type	Cost Center/Store	Article No.	Article	QTY	U	T	S	SI	COS	COS Total	S	I	R	Item Group	Major Group	Over Group
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3100003	Bonaqua Mineral Water C	-9,000	L				0,26383	-2,15	0	0		Lemonades / Water	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3130009	Grannini Apple Juice 1,0l	-17,000	L				0,88884	-15,11	0	0		Juices	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3100003	Bonaqua Mineral Water C	-10,000	L				0,26383	-2,70	0	0		Lemonades / Water	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3100003	Bonaqua Mineral Water C	-10,000	L				0,26383	-2,70	0	0		Lemonades / Water	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	1650002	Peanuts 50g Pack	-120,000	E				0,00000	0,00	0	0		Snacks & Sweets	Dry Goods	Food
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3130009	Grannini Apple Juice 1,0l	-21,704	L				0,88884	-19,29	0	0		Juices	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3130009	Grannini Apple Juice 1,0l	-80,000	L				0,88884	-71,11	0	0		Juices	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	1210001	Apples kg	-5,000	K				0,00000	0,00	0	0		Fruits fresh	Fruits & Vegetables	Food
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3130009	Grannini Apple Juice 1,0l	-20,000	L				0,88884	-17,78	0	0		Juices	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3130009	Grannini Apple Juice 1,0l	-30,000	L				0,88884	-26,67	0	0		Juices	Softdrinks	Beverage
10.01.2012	02.01.2012	ATG-12-01-10-0000	SA	Club	3130009	Grannini Apple Juice 1,0l	-30,000	L				0,88884	-26,67	0	0		Juices	Softdrinks	Beverage
10.01.2012	10.01.2012	763006	PU	Main Store Beverag	3130009	Grannini Apple Juice 1,0l	570,000	L	N	1		0,89000	507,30	0	0		Juices	Softdrinks	Beverage
18.01.2012	18.01.2012	20120118	PU	Main Store Beverag	3570006	Jim Beam Whiskey	9,000	L	B	9		11,62275	104,61	0	0		Whiskey & Whisky	Spirits	Beverage

At the right end of the screen now the Item Group, Major Group and Over Group assigned to the article are shown.

These columns were also added to the Excel export as well as to the printable report.

Preview - D:\Program Files\WC 730\qrp\_eng\BOOKJOURNAL1.QRP

File View Print

MICROS-FIDELIO DEMO (Jörg Trommeschläger) Systems Management SystemAdministrator  
 Booking of Journals 22-01-2013 05:55

Cost Center / Store: Main Store Beverage

Item Group: Whiskey & Whisky		Major Group: Spirits				Over Group: Beverage					
Art. No.	Article	Document	Book. Date	Doc. Date	Unit	Trsf Cost Center	QTY	COS	COS Total	S. Price	S. Price Total
B5700006	Jim Beam Whiskey	20120118	18-01-2012	18-01-2012	Liter		9,00	11,62	104,61	0,00	0,00
<b>Total for Item Group: Whiskey &amp; Whisky</b>							<b>Sum of COS: 104.61</b>		<b>Sum of Price: 0.00</b>		
<b>Total for Major Group: Spirits</b>							<b>Sum of COS: 104.61</b>		<b>Sum of Price: 0.00</b>		
Item Group: Juices		Major Group: Softdrinks				Over Group: Beverage					
B1300009	Grannini Apple Juice 1.0l	769005	10-01-2012	10-01-2012	Liter		570,00	0,89	507,30	0,00	0,00
<b>Total for Item Group: Juices</b>							<b>Sum of COS: 507.30</b>		<b>Sum of Price: 0.00</b>		
<b>Total for Major Group: Softdrinks</b>							<b>Sum of COS: 507.30</b>		<b>Sum of Price: 0.00</b>		
<b>Total for Over Group: Beverage</b>							<b>Sum of COS: 611.91</b>		<b>Sum of Price: 0.00</b>		

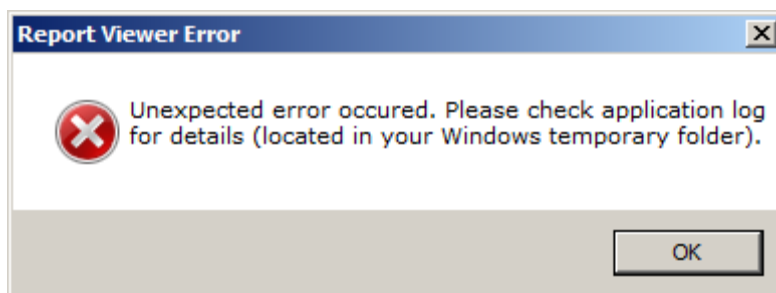
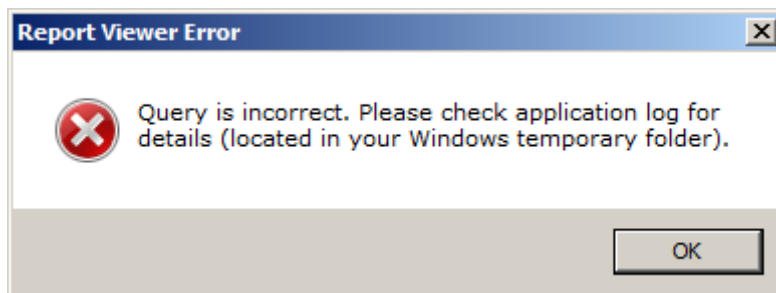
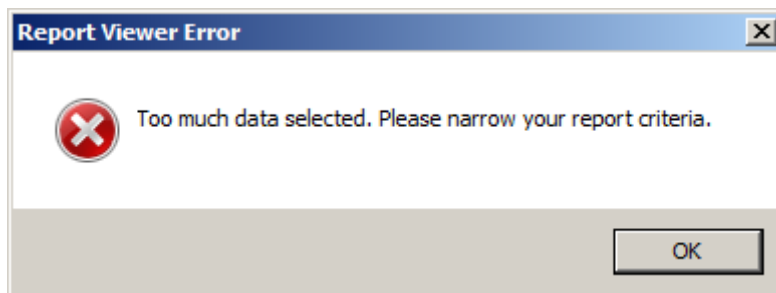
## VII. System:

### 78) Crystal Reports > Cost Center Filter

The storing of cost center filters in the database was changed. As a result of this now cost center filters containing more than 100 stores will no longer cause an issue in the Crystal Reports Runtime Engine.

### 79) Crystal Reports > Enhanced Error Handling

The error handling in this module was enhanced. Three additional error messages were added to assist the report writer to find the source of the problem if a report does not return data:



Log File Naming: "yyyyMMdd.err", e.g. 20121009.err for a log file created on October 9th 2012.

Log File Location: Depending on the OS this may differ. For Windows 7 this usually is C:\Users\\AppData\Local\Temp.

This error log file is very similar to the MCweb log files, since the CR Viewer is based on MICROSOFT .NET as well.





## 81) User > Password Case-Sensitive

The user passwords are now case-sensitive, means if the user enters “Micros” as password, the system will read it as “Micros” and not as e.g. “micros”.

User passwords are mostly defined in lowercase only. On order to ensure the login after the update, all user passwords are converted to lowercase automatically during the update.

So if a user has had “MICROS” or “Micros” or “micros” (would not have made a difference since the application ignored the case until now!) as password before the update, it will be stored as “micros” after the update.

From now on the application will store the password as entered (and encrypted) in the application.

Please see also the changed manual “135\_MC\_Password\_Management”.

## 82) User > Password Encryption

Since our customers are looking more on data security the user passwords are stored in the database as encrypted strings.

They cannot be viewed in clear text with any tool:

	BST_ID	BST_NAME	BST_PASSWD
	1	Admin	4GK7zKF7n5/GgeVYb1z57ueMhoc=
	1000001	albecig	e6FxuY/0jGP5T+2mAW82LU3Ceig=
	1000002	angepas	BX5wJcRLL93cNgeCai8WUUwyT+0=
	1000003	danigra	U+V1BcqH8FEml82iG18dKCzG4b8=
	1000004	gianmas	1eDjgumP+D9qTfgwZAYC5/bFjkw=
	1000005	maurdej	Slit5Pm1T8BkaiHjY10cYsH0Xes=

The encryption algorithm used by the application also incorporates the user name as well. As a result of this a change of the user name always requires the change of the password as well:



**NOTE: There is no secret backdoor entry!**  
**If the passwords are lost the database is unusable!**

## 83) User > Password Exclusion List

A new function was implemented in order to block specified passwords.

For further details please see the updated manual “135\_MC\_Password\_Management”.

## 84) User > Forbidden Passwords

Besides the explicitly defined excluded terms also terms used in the application could be forbidden to be used as passwords.

For further details please see the updated manual “135\_MC\_Password\_Management”.

## 85) User > View / Edit Users & Departments

The User – and Department Management modules are now controlled by two user rights per module:

Module Group	Module/Function	T/C	WEB	Right	Dep. Right	Explanation
> Purchase Bid Management	> SYSTEM FUNCTIONS	X	X			This is just a rights group header. No rights can be set here. Please define rights for the sub-items.
	Change Password	X	X			Allows the user to change his own password
Store	Edit Password Exclusion List	X				Allows access to the Password Exclusion List
> Authorization	Users	X	X			Allows READ access to the Users module.
	Save Users	X	X			Allows READ / WRITE / SAVE access to the Users module.
Production	Departments	X	X			Allows READ access to the Departments module.
	Save Departments	X	X			Allows READ / WRITE / SAVE access to the Departments module.
Menu Planning	Configurations	X	X			Allows access to the system configuration parameters. This right should be assigned to the user who is responsible for the system configuration.
> Production Planning	Document Numbers	X	X			Allows access to document numbers Module. This right should be assigned to the user who is responsible for the document numbers.
> Food Planning	Financial Year Periods	X				Allows access to Financial Year Periods Module. This right should be assigned to the user who is responsible for the financial year periods.
> Menu Plan/Sales Plan Assortments	Database Update	X	X			Allows access to the Database Update Module. This right should be assigned to the user who is responsible for the database update.
	System Settings	X	X			Allows the user to manage/edit System Settings
Sales Order Processing (SOP)	Export Data	X				Allows access to Export Data Module. This right should be assigned to the user who is responsible for the export data.
	Data Queries	X				Allows access to Data Queries Module. This right should be assigned to the user who is responsible for the data queries.
Result	Run Custom Reports	X				Allows access to Run Custom Reports Module
	Edit Templates for Custom Reports	X				Allows access to Edit Templates for Custom Reports Module. This right should be assigned to the user who is responsible for the custom reports.
Master Data	Run Report Batches	X				Allows the user to schedule Custom Report Batches in the MC Scheduler
> Mobile Solutions	Edit Report Batches	X				Allows access to Edit Report Batches. Here the user can create new and edit existing report batches.
System	User Session		X			Allows access to User Session module in Web
	> ASSORTMENT MANAGEMENT		X			This is just a rights group header. No rights can be set here. Please define rights for the sub-items.
Mobile Solutions 2010	Assortment Management Overview		X			Allows the user to see the Assortment Management Overview
	Items Request/Transfer Assortment		X			Allows the user to view/add/modify/delete Request/Transfer Assortments in the system.

In former versions just the access in general could be controlled. Now on both modules, Users & Departments two rights are available:

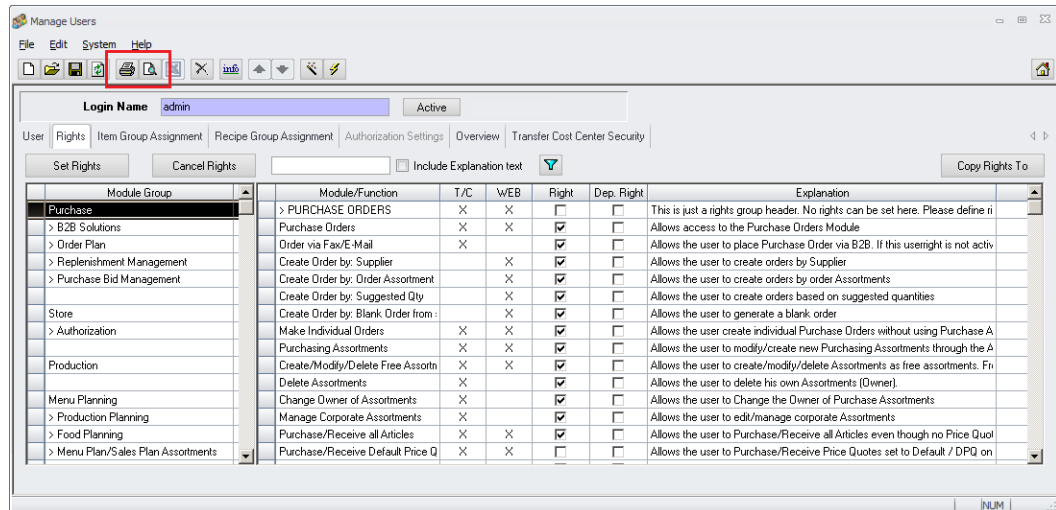
- Users / Departments  
Allows Read-only Access to the module now.
- Save Users / Save Departments  
Allows Read/Write/Save Access to the module

Both rights are set by default during the update for users who had access to the modules before the update as well. Manual adjustments can be done.

## 86) User > User Rights Report

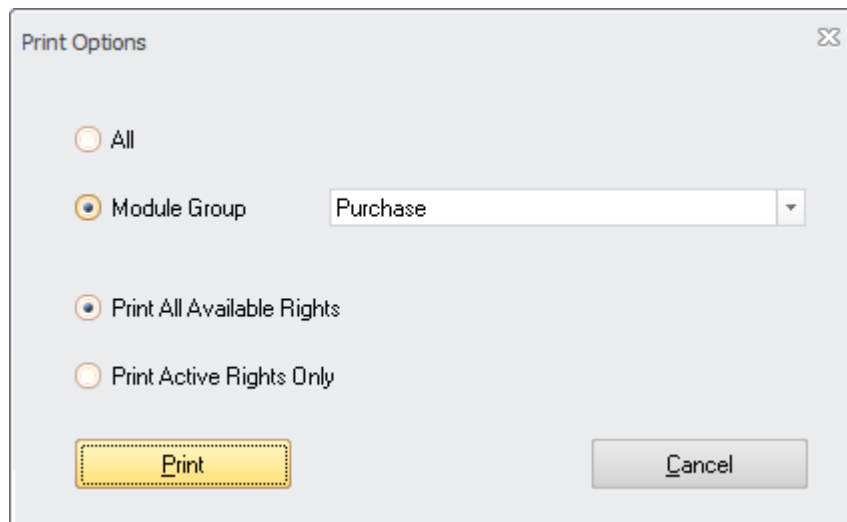
The user rights assigned to a specific user now can be printed as well.

Open the module Manage Users > select any user and switch to the tab Rights:



Here in the toolbar now the Print/Preview buttons are activated:

On click the following dialog is shown:

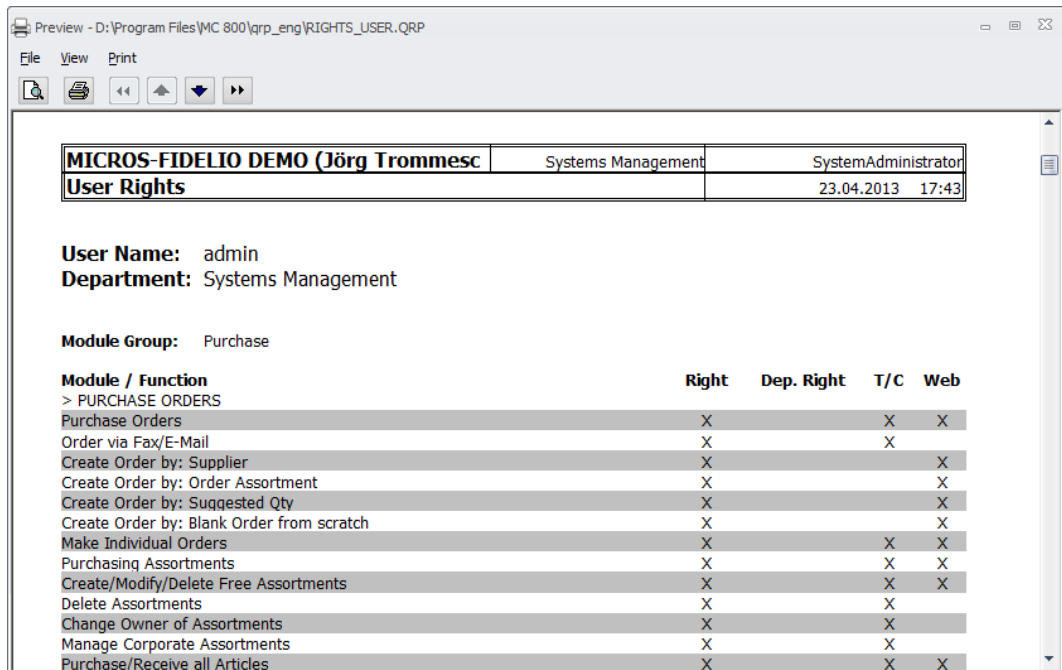


Here it could be selected...

- ... to print the rights from all Module Groups
- ... to select one specific Module Group
- ... to print all available rights
- ... to print just the assigned rights

The report will show, besides the usual header information, ...

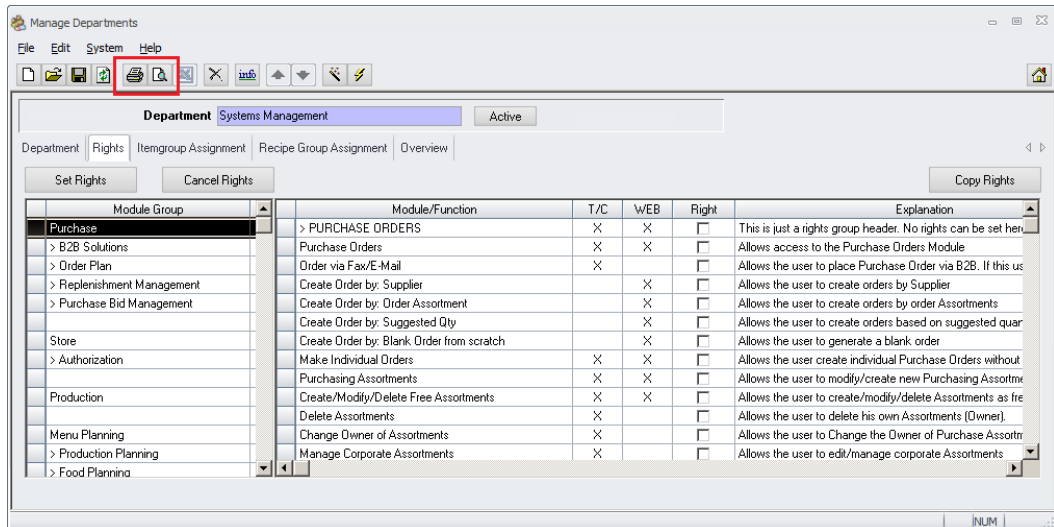
- ... the user name
- ... the users assigned department
- ... the module group
- ... the assigned /not assigned rights including the validity remark T/C - WEB



## 87) Departments > Department Rights Report

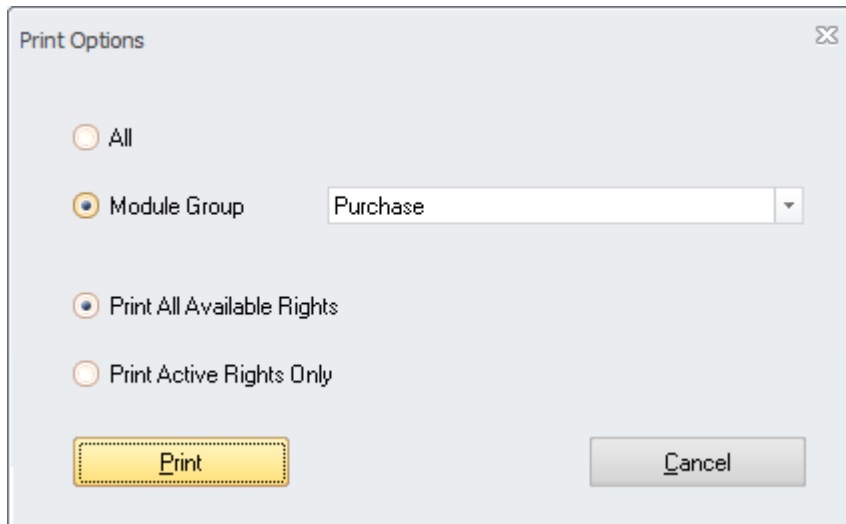
Similar as in the module Manage Users also the Department Rights could be printed now.

Open the module Manage Departments > select any department and switch to the tab Rights:



Here in the toolbar now the Print/Preview buttons are activated:

On click the following dialog is shown:

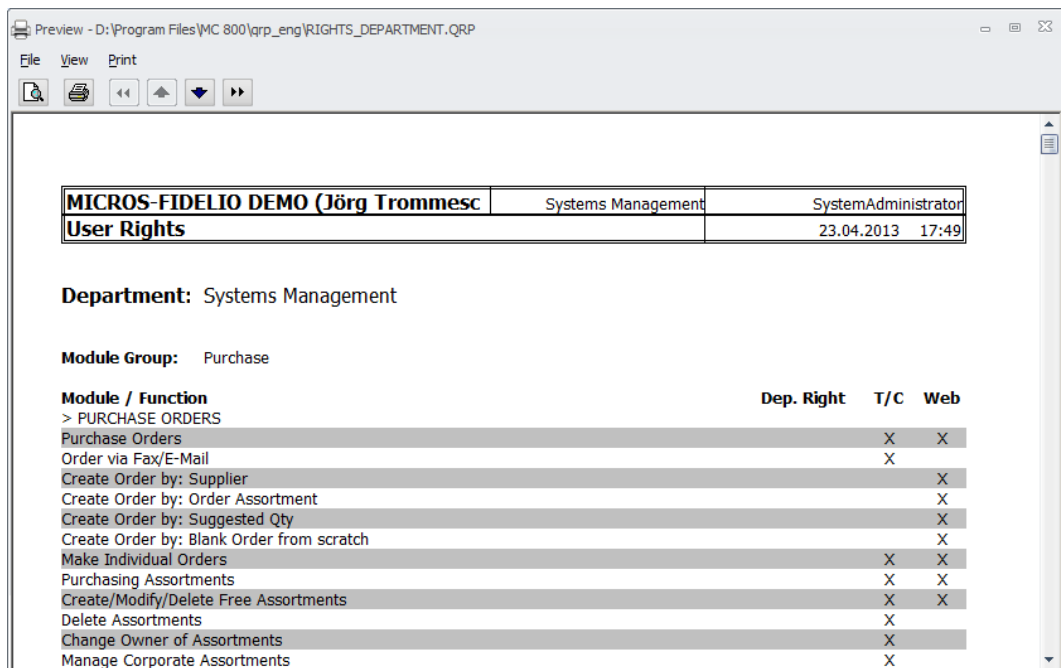


Here it could be selected...

- ... to print the rights from all Module Groups
- ... to select one specific Module Group
- ... to print all available rights
- ... to print just the assigned rights

The report will show, besides the usual header information, ...

- ... the selected department
- ... the module group
- ... the assigned /not assigned rights including the validity remark T/C - WEB

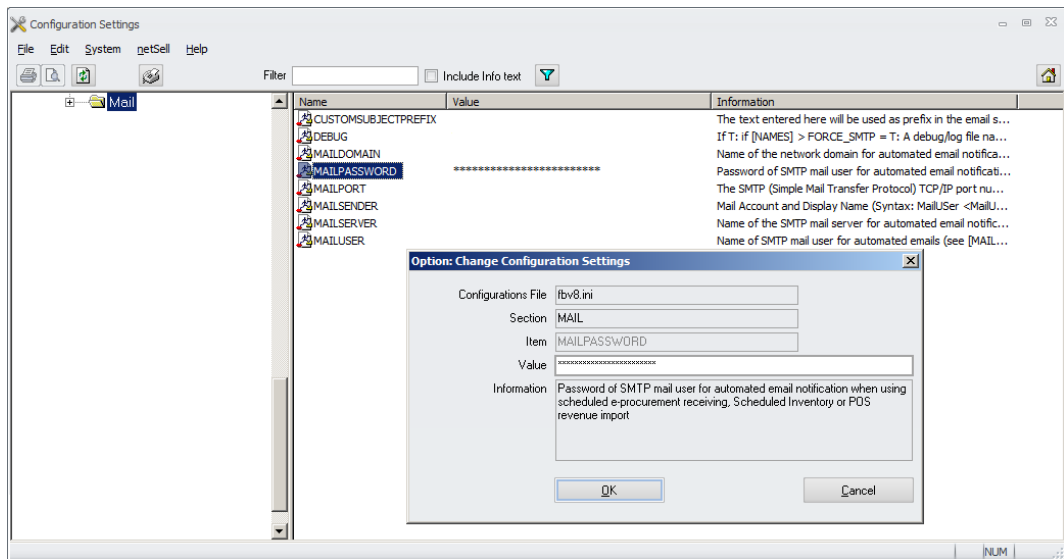


### 88) Configuration > SysDaily\_Time Format

The behaviour of this parameter was adjusted to support multiple recalculations per day properly. The reference date is now stored with date and time stamp.  
For further details please see the updated manual "130\_MC\_DailyTotals".

### 89) Configuration > Mail password Encryption

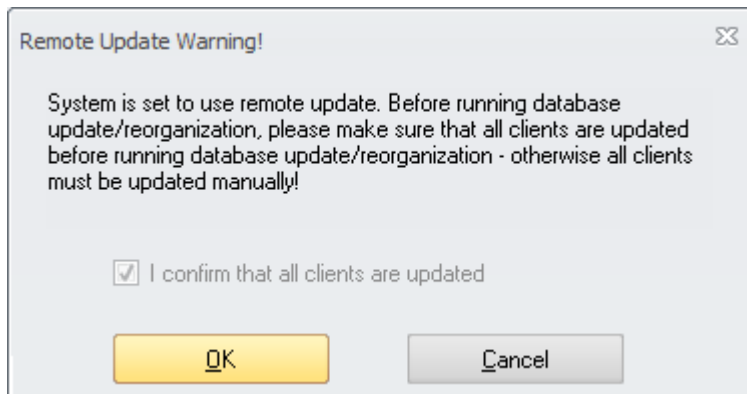
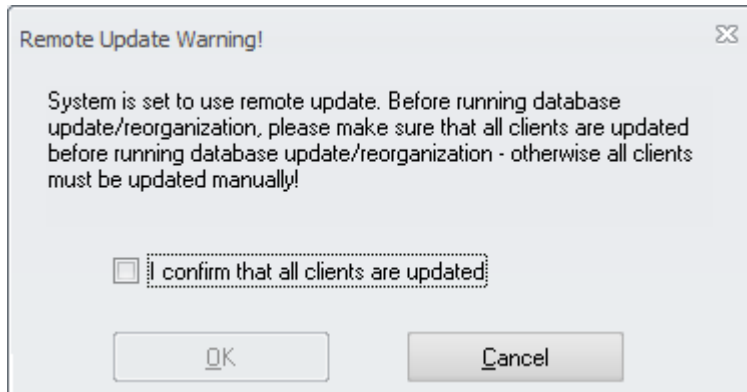
The password for the email account used by Materials Control is now encrypted as well.



When entering a new password, it will be shown in clear text. Once confirmed with OK, it will be shown encrypted only and also stored in the DB as encrypted string.

## 90) DB Update > Remote Update

If the database is configured to use this function, the system will show a warning message before the Database Update could be started.



The OK Button will be released only once the message was manually confirmed.

The confirmation of the message will be logged in the Control Table:

Checked	Date	Action	Information
<input type="checkbox"/>	23.08.2012 17:35:11	LOGIN	Systemadministrator
<input type="checkbox"/>	23.08.2012 17:35:27	LOGOUT	Systemadministrator
<input type="checkbox"/>	23.08.2012 17:36:02	LOGIN	Systemadministrator
<input type="checkbox"/>	23.08.2012 17:40:58	Remote Update Warning	Confirmed that all clients are updated. Database update allowed.

The reason for this message is the introduction of the encrypted passwords. An old MC application will not be able to handle the encrypted passwords and as a result of this the users will not be able to log in anymore.

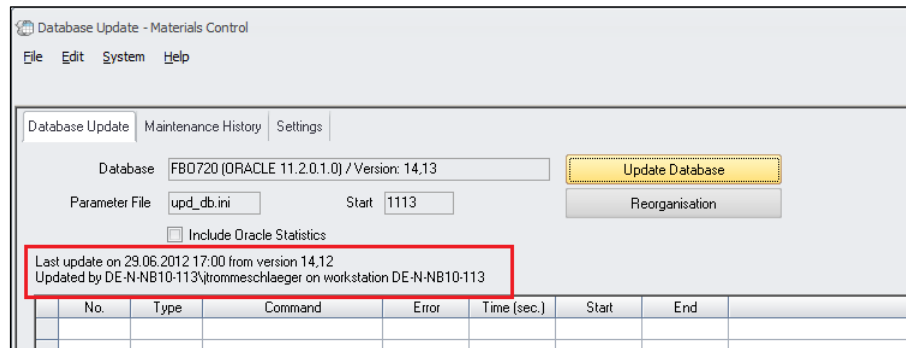
The update of the client applications must be done **before** the DB update was started!



## 91) DB Update > Maintenance History

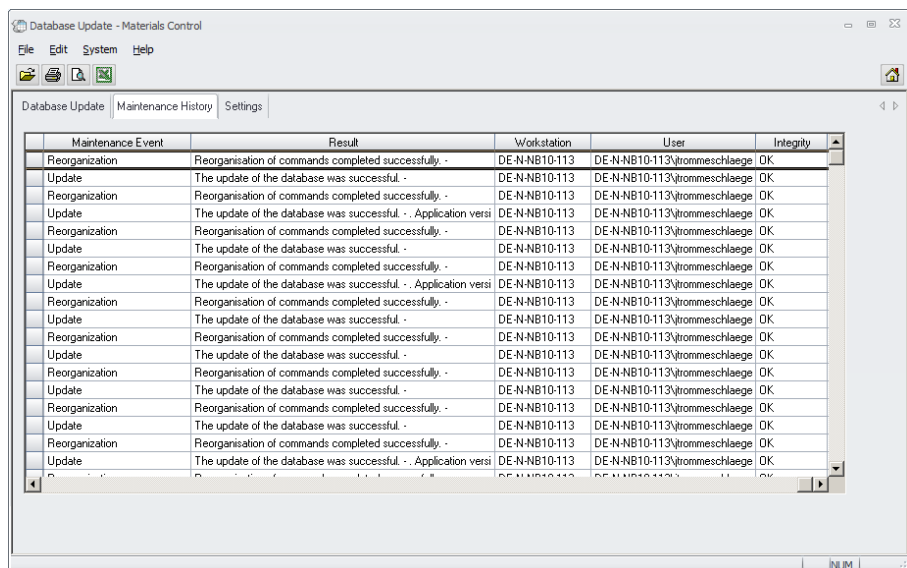
The module Database Update was enhanced to show some more details who has done what in this module.

- Go to System > Database Update



Here the application still shows the usual details as in previous versions. But these figures are updated only if a new version was installed.

- Switch to tab Maintenance History:



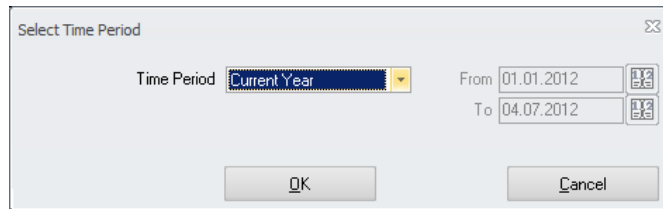
Here each single run of Database Update and/or Reorganisation with all their options executed after the update to this version are recorded. Executions before the update to this version cannot be shown since the data was not stored before!

Screen description:

- Toolbar:

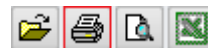
Date Range Selection    

- Click on the yellow folder icon to open the date range selector:



By default the system will offer the current year as date range selection.

Print

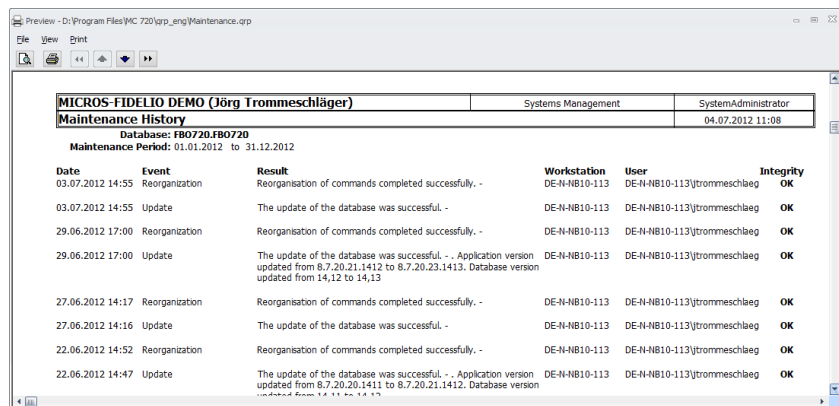


- Click on the Printer icon to send the information to the printer.

Preview



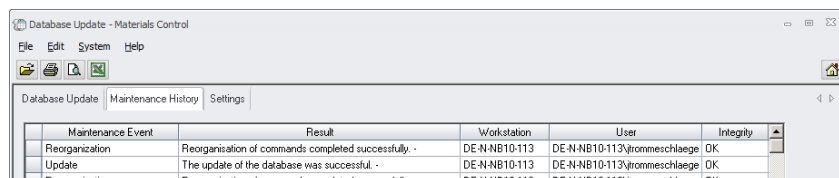
- Click on the Preview Icon to view the data in the report format:



Excel Export



- Click on the Excel icon to call the general function to send the data to an Excel sheet into the defined export directory.
- Data Grid:



The grid shows 5 columns:

- Maintenance Event

There are currently three types of events recorded:  
Update (Execution of the function "Update Database")

Reorganization (Execution of the function “Reorganisation”)  
 Refresh Oracle Statistics (Optional Inclusion of Oracle  
 Statistics in function “Reorganisation”).

- Result

This column shows the detailed result of the executed event, e.g. “Reorganisation of commands completed successfully”.

- Workstation

Here the name of the workstation where the function was executed.

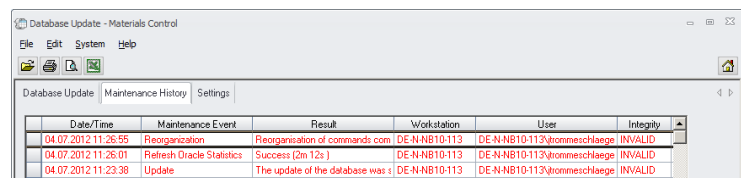
- User

Here the user is shown.

Syntax: {Domain}\{PC/Network User} {(MC User)}

- Integrity

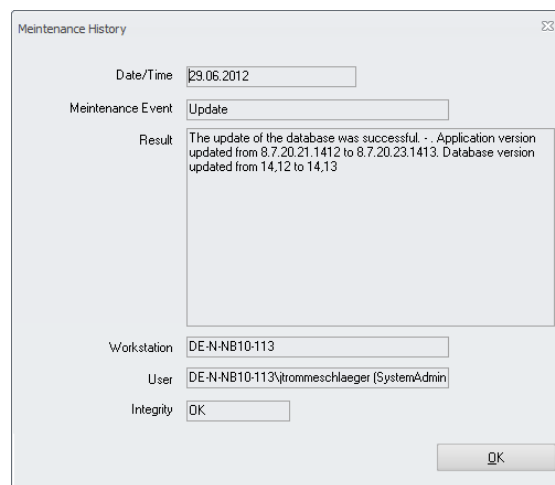
This field ideally should show always “OK”. Otherwise the system should be inspected.



Date/Time	Maintenance Event	Result	Workstation	User	Integrity
04.07.2012 11:26:55	Reorganization	Reorganization of commands com	DE-N-NB10-113	DE-N-NB10-113\trrommeschlaeger	INVALID
04.07.2012 11:26:01	Refresh Oracle Statistics	Success (2m 12s)	DE-N-NB10-113	DE-N-NB10-113\trrommeschlaeger	INVALID
04.07.2012 11:23:38	Update	The update of the database was s	DE-N-NB10-113	DE-N-NB10-113\trrommeschlaeger	INVALID

If the field shows “INVALID” either the table is corrupt or the database is corrupt or somebody has modified the related table in the database directly.

Double click on any record:



Maintenance History

Date/Time: 29.06.2012

Maintenance Event: Update

Result: The update of the database was successful. - Application version updated from 8.7.20.21.1412 to 8.7.20.23.1413. Database version updated from 14.12 to 14.13

Workstation: DE-N-NB10-113

User: DE-N-NB10-113\trrommeschlaeger (SystemAdmin)

Integrity: OK

OK

The system will show all details of the marked record in a separate dialog.

## 92) DB Update > Purchase Register Update

It was discovered that in some very old versions of Materials Control some user and time stamp fields were not updated properly in the invoice position table. This did not have any massive impact except in the Purchase Register Report. There such records were not printed.

The DB Update procedure now was adjusted to search for such records and correct them. As a result of this, the DB Update could take a bit longer at properties having huge invoice tables.

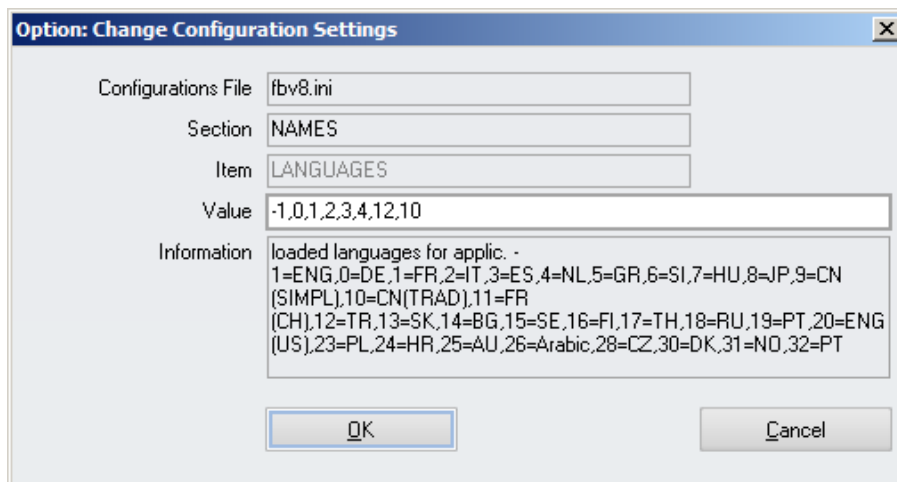
## 93) DB Update > Language Import

In previous versions all defined languages had to be imported manually one after the other.

From this version onwards the system will automatically import all languages defined in the database already during the update.

It is strongly recommended to check the language definitions before the update:

System > Configuration > [NAMES] > Languages:

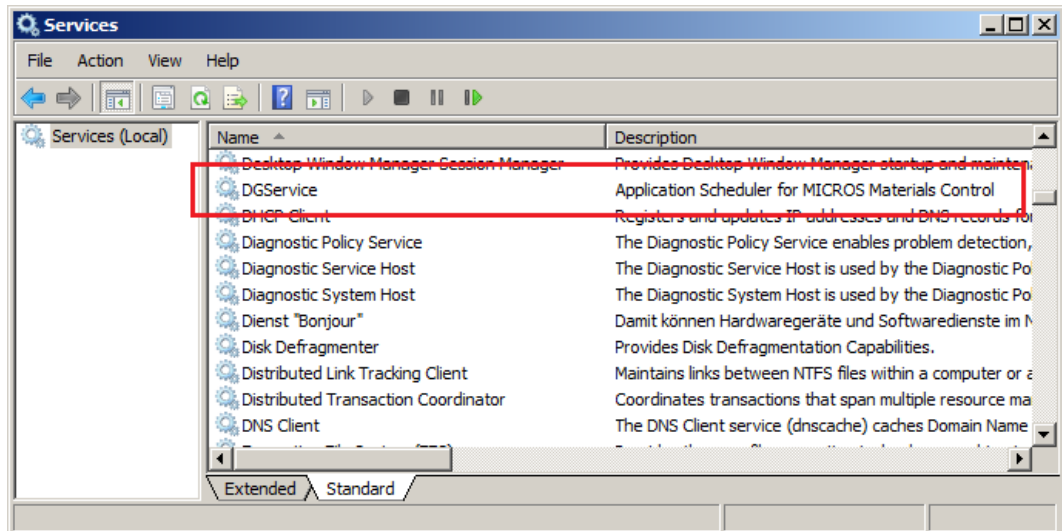


Here only the really required languages should be defined.

Depending on the hardware the DB update will need additional 10 - 15 seconds per language for the import.

## 94) Scheduler > Service Name & Description

The service used for the Materials Control Scheduler now shows a proper description:



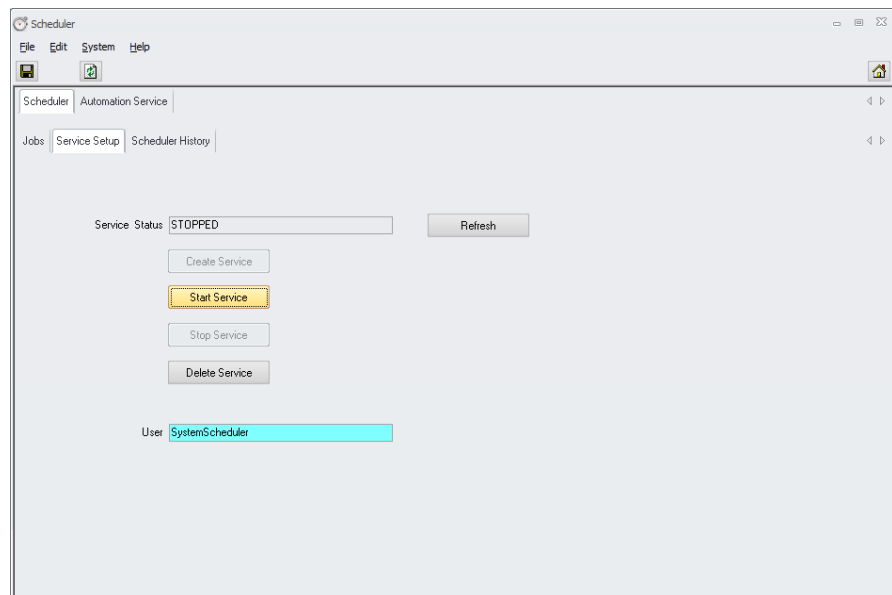
- Name: DGService
- Description: Application Scheduler for MICROS Materials Control

This ensures that the service could be identified properly.

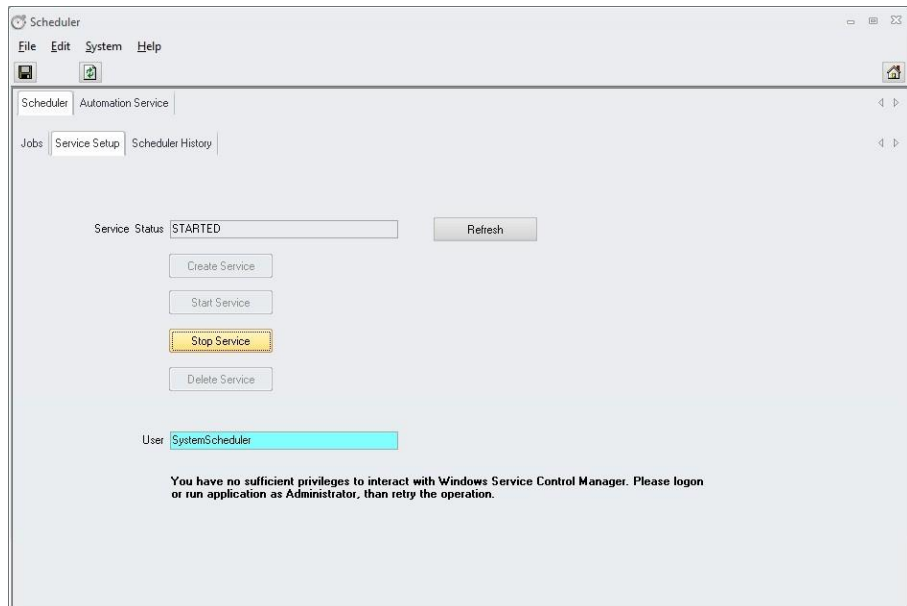
## 95) Scheduler > Windows Service Rights

The application now properly checks for the windows user access rights.

- In case a user has some kind of administrative rights allowing him to access the Windows Services Control Manager, he will be able to maintain the service as usual.



- In case a user does not have sufficient rights to access the Windows Services Control Manager, the status is now displayed properly, but a message is showing that maintenance is not possible.



If the user tries to use e.g. the button “Stop Service”, the system will show a message:



Unfortunately the button cannot be disabled here since the Windows privileges could have changed after opening the Scheduler module.

## 96) Scheduler > Daily Maintenance

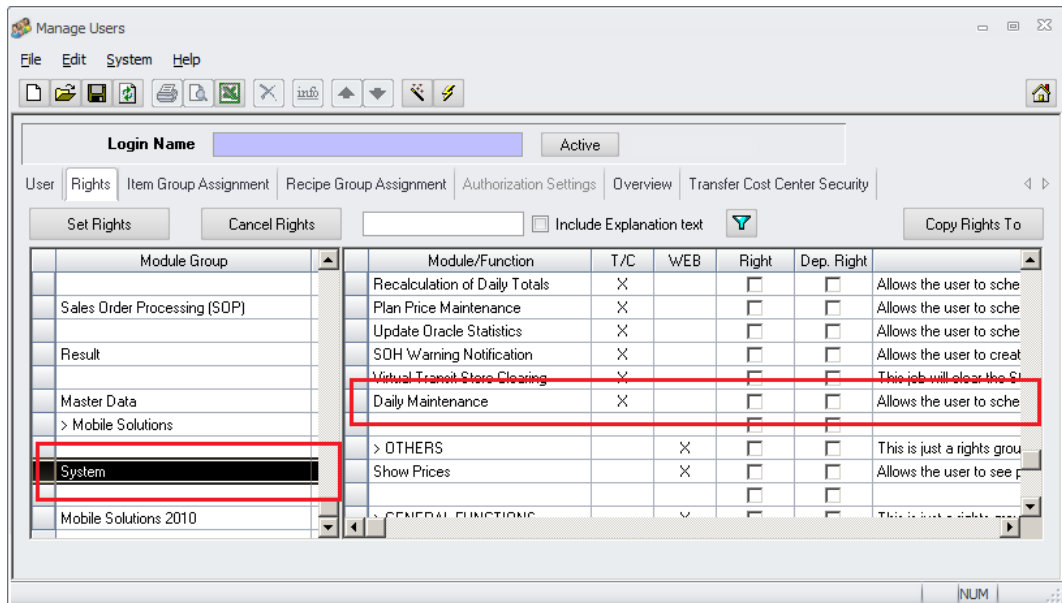
With this version the Project “Daily Maintenance” is started. The purpose of this project is to create a function which executes all actions which should run regularly at every MC installation.

Such jobs are e.g.:

- Booking of Journals
- Check/Update Prices
- Recalculation of COS from Documents (if DTTLs are used)
- Recalculation of Daily Totals (if DTTLs are used)
- Refresh COS of Recipes
- Plan Price Maintenance
- Automated User Locking

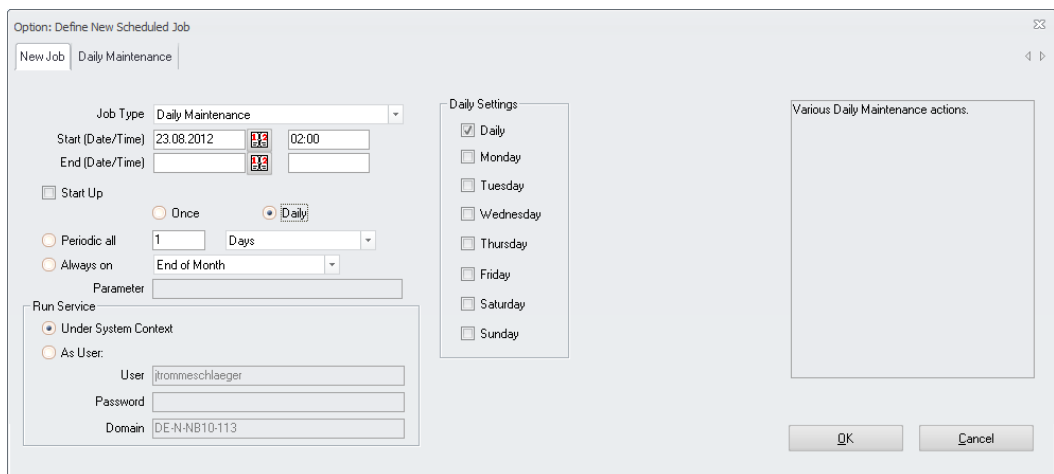
Since these jobs are not active (forgotten) at most of the Materials Control installations, they will now be summarized into one partly configurable “Job-Package”. The access to this function is secured by a new user right.

Go to System > Users > Rights:



This right will enable the access to the Daily Maintenance Job.

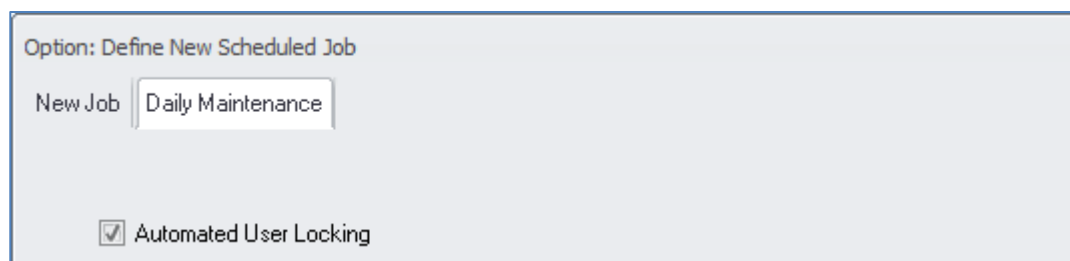
Go to System > Scheduler > click on "New Job":



Here the new job "Daily Maintenance" can be selected now.

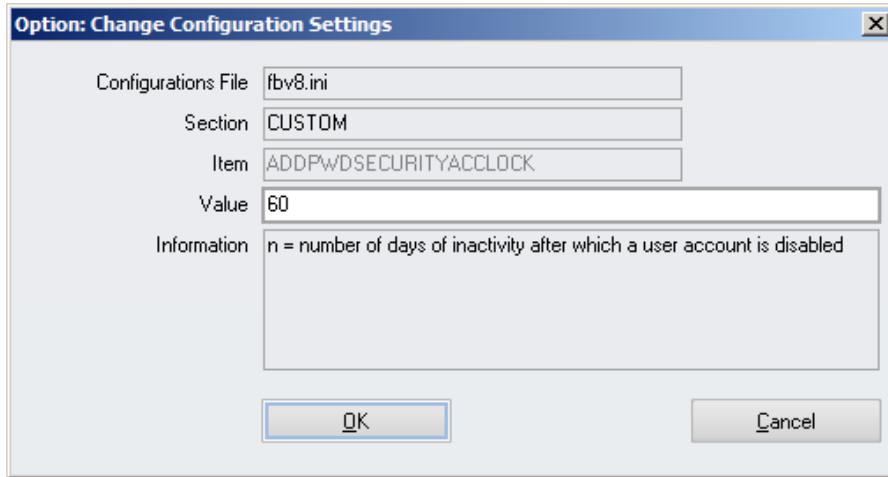
Define all scheduling parameters as needed. It is recommended to execute this job daily, during the night, after the POS Import.

Switch to the tab "Daily Maintenance". Here the parameters for the single parts are shown:



At this point of time just the job “Automated User Locking” is available in the Daily Maintenance.  
 In Creation Mode: The checkbox is read-only and filled depending on the configuration parameter.  
 In Edit Mode: Mark the checkbox and save the job as usual.

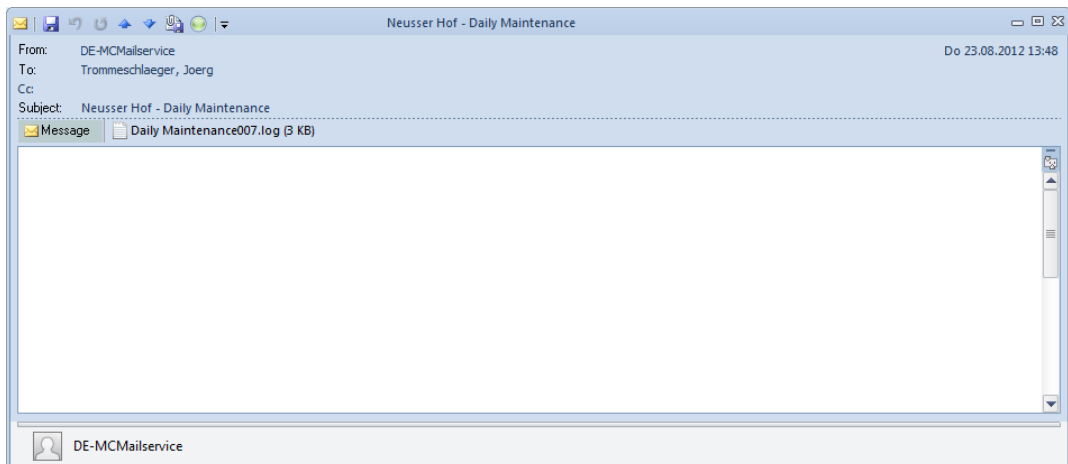
See the configuration:



By default this value is defined as 60. This means, all users who did not log in within the last 60 days will be deactivated.

If you don't want any automated deactivation the value must be set to **0**.

After execution of the Daily Maintenance the application will try to send an email with the results.



The attachment shows in detail which user accounts were disabled.



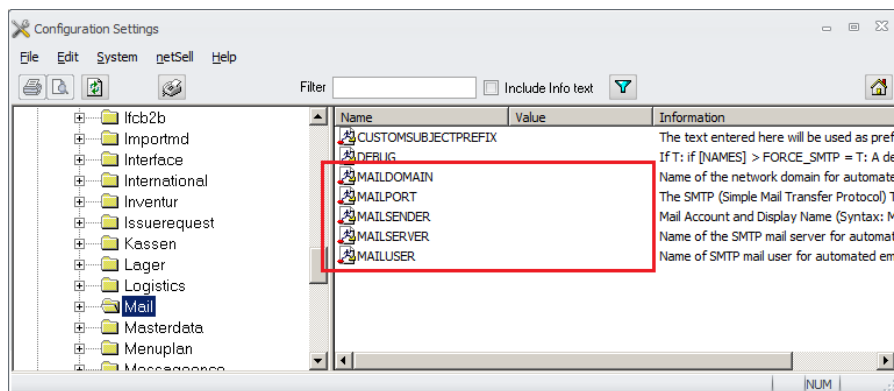
```

Daily Maintenance007.log - Notepad
File Edit Format View Help
-----*
2012.08.23 13:47:52-SystemSche-*
2012.08.23 13:47:52-SystemSche-* Automated User Locking -> started
2012.08.23 13:47:52-SystemSche-*
-----*
2012.08.23 13:47:52-SystemSche-* User Azubi has been deactivated
2012.08.23 13:47:52-SystemSche-* User Chef has been deactivated
2012.08.23 13:47:52-SystemSche-* User Daniel has been deactivated
2012.08.23 13:47:52-SystemSche-* User Guangwu has been deactivated
2012.08.23 13:47:52-SystemSche-* User Jens has been deactivated
2012.08.23 13:47:52-SystemSche-* User Jos has been deactivated
2012.08.23 13:47:52-SystemSche-* User Kerstin has been deactivated
2012.08.23 13:47:52-SystemSche-* User newlang has been deactivated
2012.08.23 13:47:52-SystemSche-* User robert has been deactivated
2012.08.23 13:47:52-SystemSche-* User test has been deactivated
2012.08.23 13:47:52-SystemSche-* User thoffmann has been deactivated
2012.08.23 13:47:52-SystemSche-* User thomasF has been deactivated
2012.08.23 13:47:52-SystemSche-* User webtest has been deactivated
2012.08.23 13:47:52-SystemSche-* Automated User Locking -> OK
2012.08.23 13:47:52-SystemSche-*
-End: 23.08.2012 13:47
Ln 11, Col 1

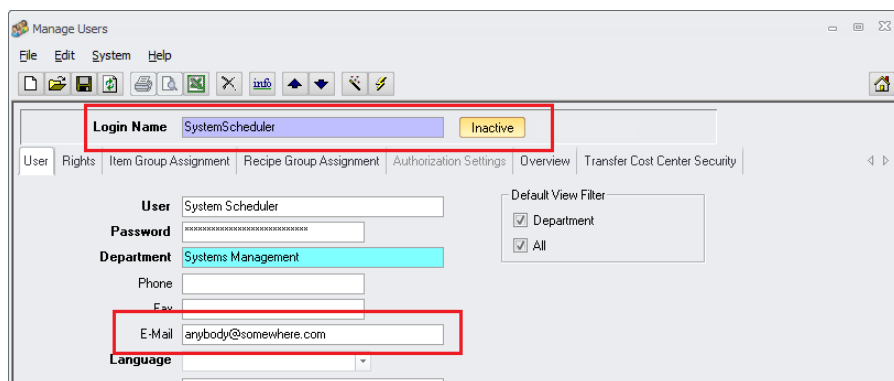
```

Pre-requisites:

- Email Configuration must be completed



- Scheduler User Definition

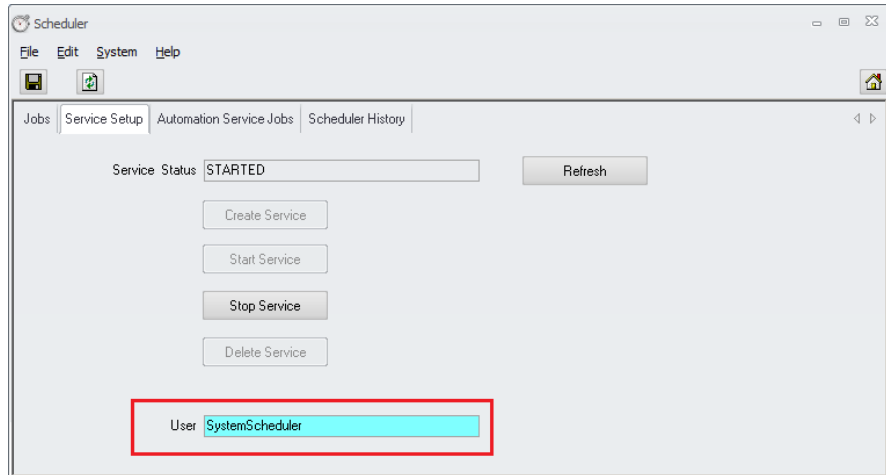


The defined scheduler user needs to be configured properly.

- Most important: the user should be inactive. This will make the use of this ID for any other purpose impossible.
- Email Address: Define the recipients email address. The scheduler will send the log of the Daily Maintenance to this address.

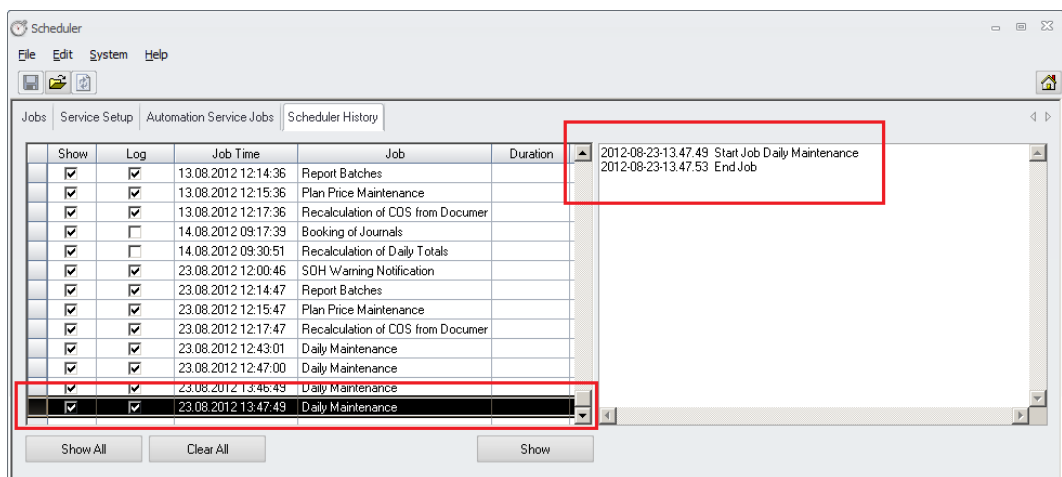
- Link "Scheduler User ":

In the module Scheduler switch to the tab "Service Setup":



Here the Scheduler User must be linked.

Once finished the job will also create an entry in the Scheduler Job History:



More jobs will be added to the Daily Maintenance in future versions.

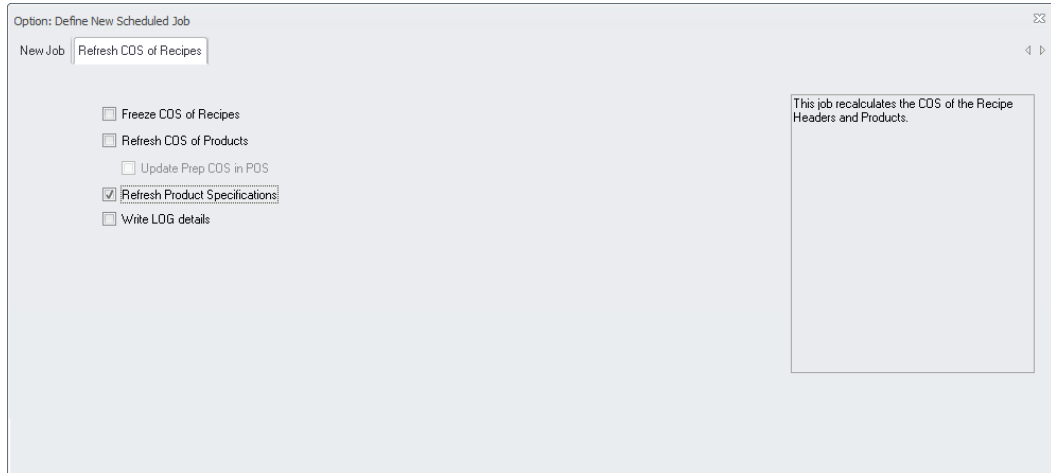
**Until then: Please do not forget to schedule the other remaining jobs! And do not forget to train your customers to check for execution of the jobs!**

**DAILY Jobs:**

- Recalculation of COS from Documents (if DTTLs are used)
- Recalculation of Daily Totals (if DTTLs are used)
- Refresh COS of Recipes
- Booking of Journals
- Check/Update Prices
- Plan Price Maintenance (if used)
- POS MD Import
- POS Revenue Import
- Update Oracle Statistics (maybe weekly)
- Etc. ...

## 97) Scheduler > Refresh COS of Recipes

This job was enhanced to update the content of the Product Specifications as well.



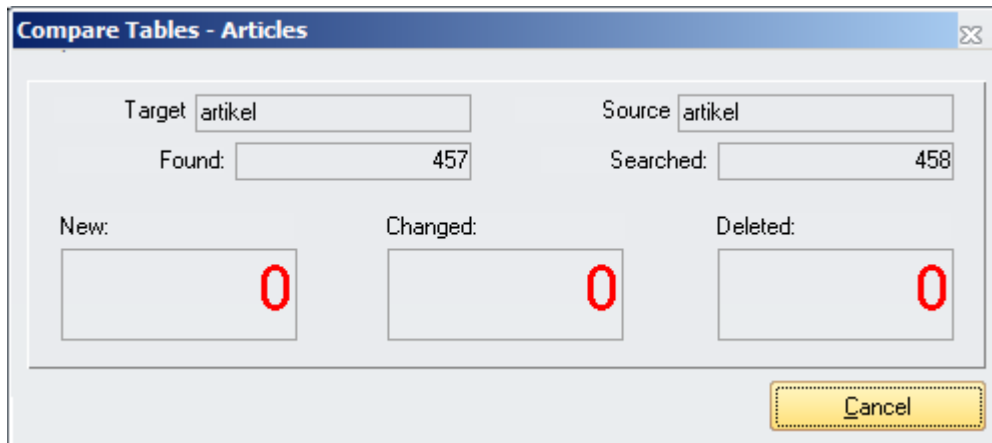
If the new option “Refresh Product Specifications” was marked, the system will update this field as well. This is required to keep the nutritional details in this field up-to-date.

## 98) Replication > Window Status

During replication sometimes the module window looked “frozen”, especially when replicating tables with large content.



The windows now remains “alive”, regardless the number of records to replicate.



If the window now gets “frozen”, a real issue must exist with the system.

## 99) Replication > Cost Center Filters

In Version 8.7.20.xx the handling of cost center filters inside the database was changed. This change was now also adopted in the Replication process. Please adjust your COMPARE.DEF accordingly if replication of users is active.

A new section was added to the COMPARE.ORG for this:

[CC FILTER]

Table=CC Filter,bstokst r#besteller b#kostst k,bstokst,F,,NJJJ

WhereSrc=r.bst\_id = b.bst\_id and b.kst\_id = k.kst\_id and k.kst\_index like #CCLEVEL

Direction=MASTERTOSLAVE

KEY1=l,r.KST\_ID,KST\_ID

KEY2=l,r.BST\_ID,BST\_ID

COMP1=r.AKTIV,AKTIV,,A

**NOTE:** Please keep in mind replication of users, departments and rights must not be activated afterwards. It must be part of the replication from the beginning on or not at all. Activation of e.g. user replication at a later stage will make the database unusable.

## VIII. Mobile Solutions:

### 100) Licensing

If the customer is using the module “Materials Control Handheld Integration” a new license is required when updating from a version lower than 8.4.02 / 10.40. Please ensure that you have the new license before starting the update. The above mentioned module will not be accessible anymore with the old license once the update was done!

### 101) Software Requirements

If the customer is using Mobile Solutions 2.x, MICROSOFT .NET 1.1 Framework (including all service packs and hot fixes) must be installed on all PC's connecting to the mobile devices.

If the customer is using Mobile Solutions 2010, MICROSOFT .NET 3.5 Framework + .NET Framework 4.x (including all service packs and hot fixes) must be installed on all PC's connecting to the mobile devices.

### 102) Mobile Solutions Client Installation

The Mobile Solutions Client (the module inside the Materials Control Thick Client) is now installed automatically with the normal Materials Control Client installation and does no longer need to be installed separately. Until version 8.7.10.xx this client application (DGMIMS) had to be installed manually.

Please see also the adjusted manual “111.1\_MC\_Mobile\_Solutions\_2010\_Installation”.

### 103) Mobile Solutions 2.x

The Mobile Solutions 2.x will be replaced with a new application called “Mobile Solutions 2010” (please see the separate documentation for this). As a result of this no further development will be done on these legacy versions of MC Mobile Solutions. They still can be used in MC 8.7.10. For MC version 8.7.20.xx and higher Mobile Solutions 2010 only will be supported

### 104) HHT Devices > PPT 88xx

With version 8.7.30.xx and higher the PPT 88xx are no longer supported. The application may work without any issue for some time and/or at smaller installations, but due to the added features and functions the available memory is insufficient.

### 105) HHT Devices > DT Research Devices

With version 8.8.00.xx and higher it is now possible to use the DT Research Web-DT 430 running Microsoft® Windows® Mobile 6.1 as well.

The device using Microsoft® Windows® CE is not yet released for Materials Control!

## 106) Label Printer

Two more label printers were added to the list of supported devices.

Besides the two Epson printers...

- Epson TM-L60II
- Epson TM-L90P

... we now also support two printers from our partner Bixolon. The main difference here is the higher DPI value. This may be required depending on the used scanners. The Epson printer just offer 180 DPI, where the two Bixolon printers offer 300 DPI.

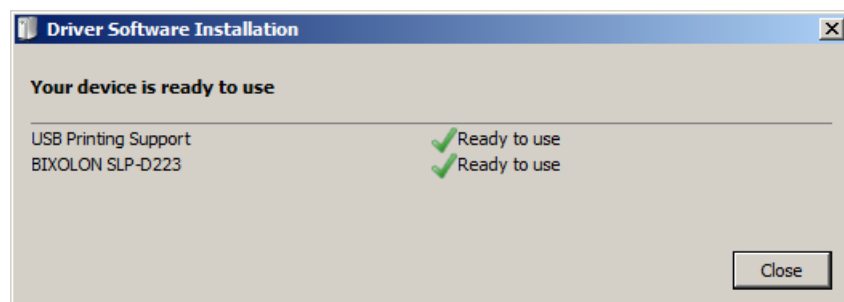
- Bixolon SLP-D223

Bixolon SLP-D423DG

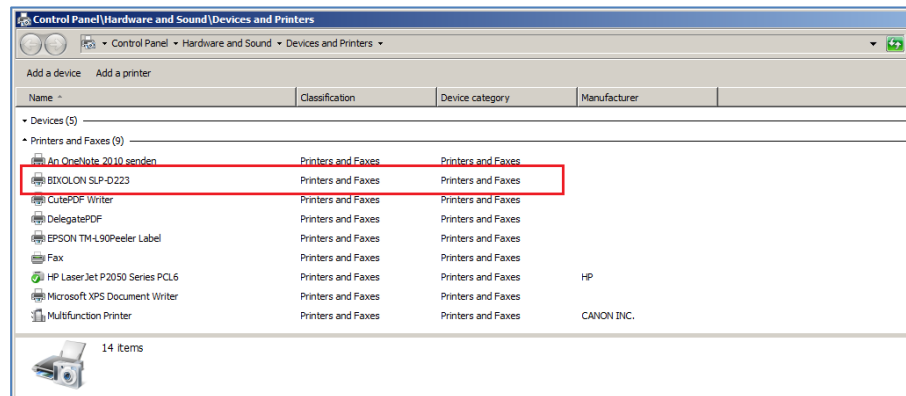


In order to use these printers just follow the steps described below:

- Install the printer driver.
  - either use the driver delivered with the printer...
  - ... or download the driver from the MICROS FTP server in the MC directory: /tools/HHT/Labelprint/Bixolon\_Drivers
  - ... or download the latest version of the driver from [www.bixolon.com](http://www.bixolon.com)
- Connect the printer with the PC  
The operating system will now detect and install the driver. Once completed successfully the system will show a message like below:



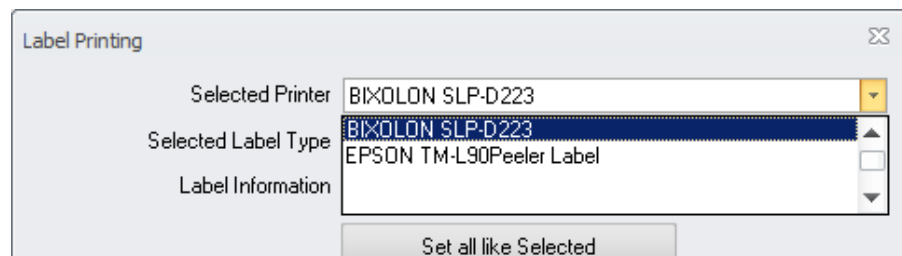
The printer will now be shown in the "Printers and Devices" list.



The main point to consider is the naming of the printer. Since the communication with the Bixolon printers is completely different, Materials Control needs to find “BIXOLON” in the printer name for identification.

If that could be detected the system will special settings, defined as usual in LABELPRINT.INI, for this printer.

In Materials Control now the new Bixolon Printer can be selected and used in the label print modules as usual.



### 107) Mobile Solutions 2010 > various changes

Various changes have been implemented into the Mobile Solutions application. The manual for this module will be updated soon.

Extract:

- Support Windows Mobile 6.51
- Show SOH in Inventory (optional)
- Multiple Devices per Inventory
- Search function re-implemented in Inventory
- Multiple cosmetic adjustments
- Preparation for multi-language support (please contact the Materials Control Product Management if you require local language support for Mobile Solutions)

### 108) Mobile Inventory > Memory Handling

A memory leak was discovered and removed in the Inventory Details screen. This caused a massive performance issue when scanning a larger number of records in one go. This was optimized and the performance is fine again.

## IX. MCweb:

### 109) MCweb 2.12c

MCweb 2.12c and older versions are no longer supported with MC 8.6.6.00 or higher. Please update to the corresponding version of MCweb.

### 110) MCweb v7.30.xx

A new version of MCweb is available.

This application must be used instead of the legacy version MCweb v2.12.

The installation documentation can be downloaded from the usual FTP location:

50.4\_MC\_Manual\_Installation\_WebServer\_MCwebv3.zip

50.5\_MC\_Manual\_Installation\_WebServer\_MCwebv3\_add\_on.zip

NOTE: The MCweb version needs to match the MC thick client version. Otherwise the system will not allow logging in.

The latest version for this application can be found at the same location as latest patch for Materials Control.

### 111) MCweb v8.00.xx > Infragistics

As usual the new version of MCweb is delivered with a new version of Infragistics. Please do not forget to update the webserver!

### 112) Internet Explorer 10

Please be informed that MCweb does not support Microsoft Internet Explorer 10.x. A separate information will be distributed once this is implemented.

### 113) Browser Configuration

The MCweb supports Microsoft Internet Explorer and Mozilla Firefox. For details please read the documentation "50.8\_MC\_Manual\_Browser\_Configuration\_MCweb".

### 114) Login > Domain User Support

The application now allows to use the Windows Domain User to login into Materials Control. Using this feature Domain Users known to Materials Control MCweb do not need to enter the user name and the password anymore.

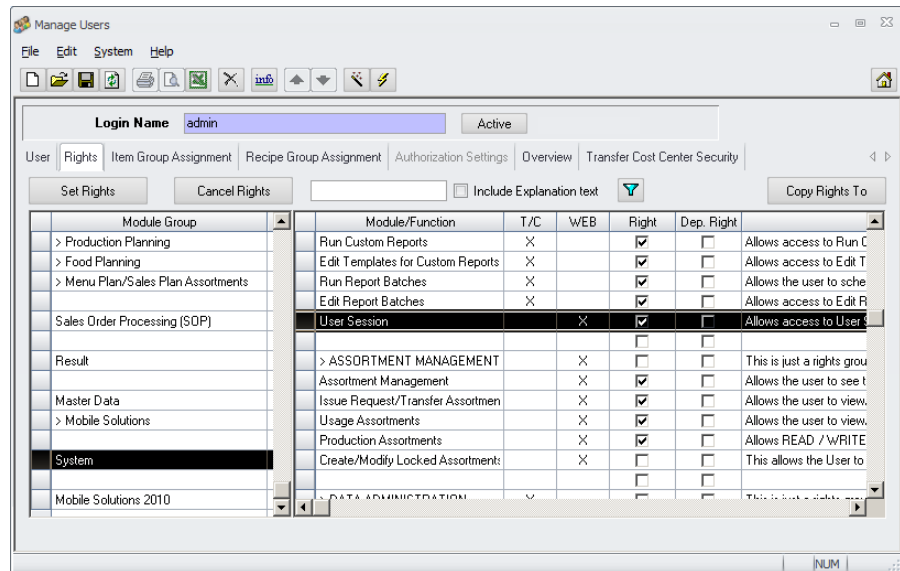
Please see the separate manual "50.4\_MC\_Manual\_Installation\_WebServer\_MCwebv" for details.



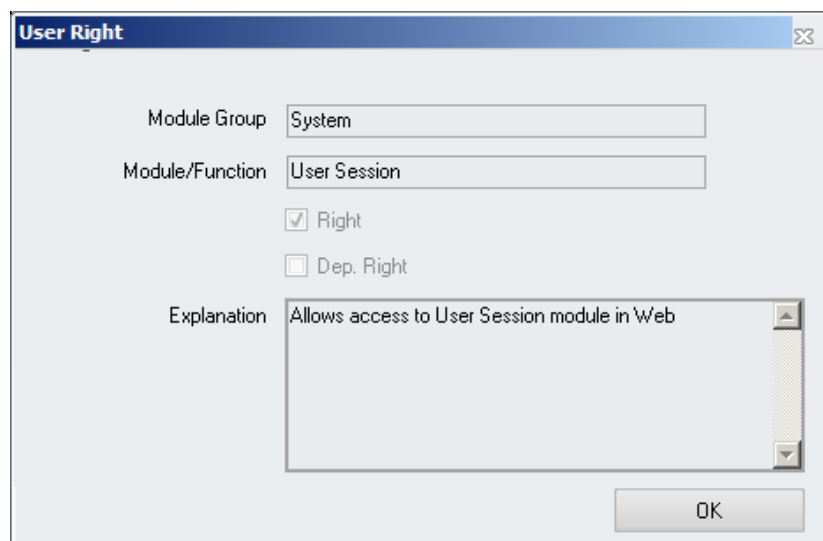
## 115) Open User Sessions

A new module was added to MCweb. It shows the current active sessions using the current MCweb installation.

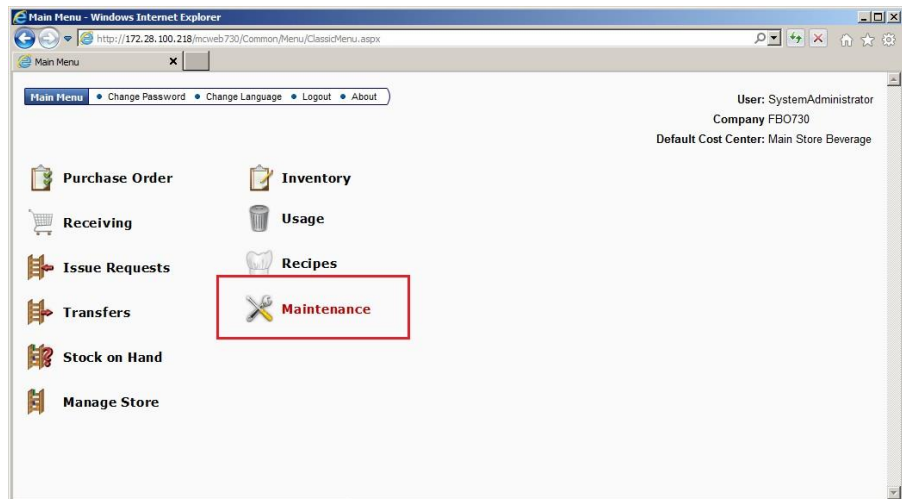
- To access this module first the required user right must be set. Open the User Management, select the user and switch to the tab Rights. On the left side select the section System.



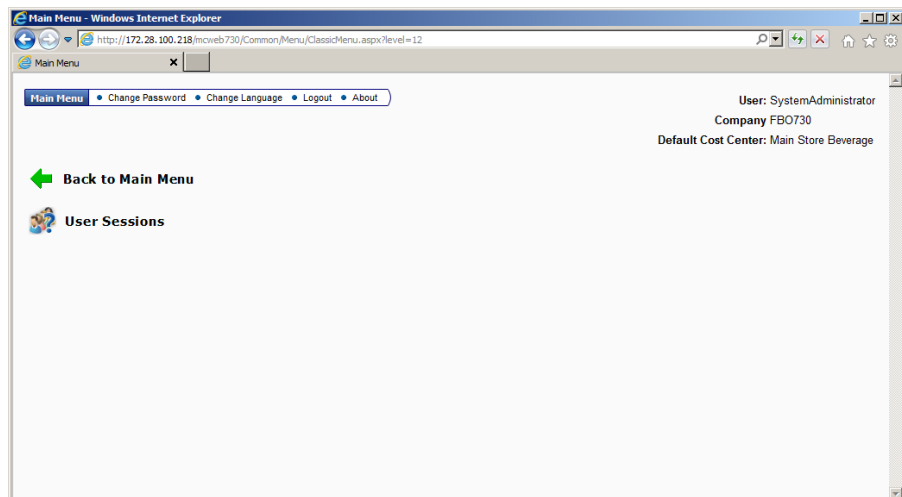
- On the right side select the sub section System Functions. At the end of this list the new right can be found.



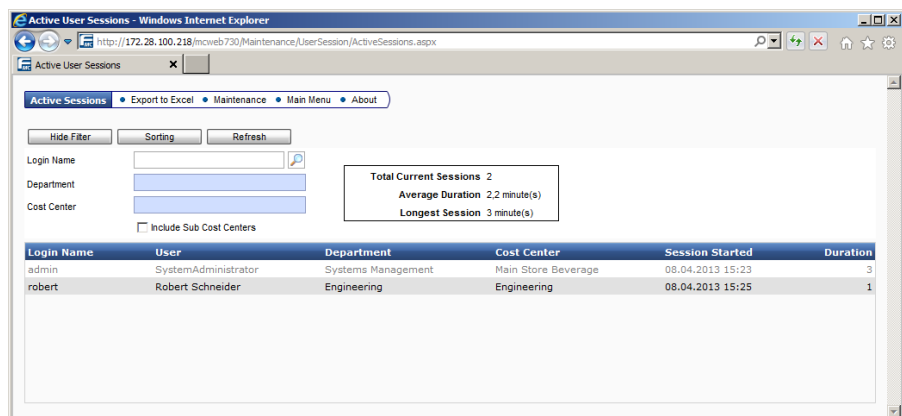
- Activate the right and log in into the MCweb application.
- In the main menu select "Maintenance":



➤ In the new screen the new module “User Sessions” becomes visible:



➤ Click on the new module to open:



The screen allows ...

- ... search for specific user names
- ... to filter specific departments or cost centers

The screen shows the total number of current sessions, average duration and longest session.

In the grid below the user could identify the user by its user- and login name.

Now move the cursor on the record and the system will show the network details of the session:

Four current sessions

Average Duration 9,1 minute(s)  
Longest Session 12,6 minute(s)

Include Sub Cost Centers

Name	User	Department	Cost Center
	Robert Schneider	Engineering	Engineering
	SystemAdmin	Management	Main Store Beverage

Session ID: cffv4b4fslldlofj04vvu3rq  
IP: 172.28.100.218  
Last Activity: 15:25 - 13 minute(s) ago

The module does not allow to clear the connection. This is technically not possible.

## 116) Purchase Orders > eForms

In version 8.7.20 a feature was added to the Materials Control thick client to support eForms for specific articles. These predefined eForms are now supported in MCweb Ordering as well.

For further details please see the detailed manual "142\_MC\_e-Forms".

## 117) Purchase Orders > Search Filters

The Purchase Order module in MCweb now offers three search functions. These are very useful when working with large orders or large assortments.

Purchase Orders Overview Save Save as Save and Back Delete Order Preview Book Main Menu About

Order No./Name: 113-01946 (admin) Edit Header/Footer...

Cost Center: Main Store Beverage

External Notes: Internal Notes

Search filters:

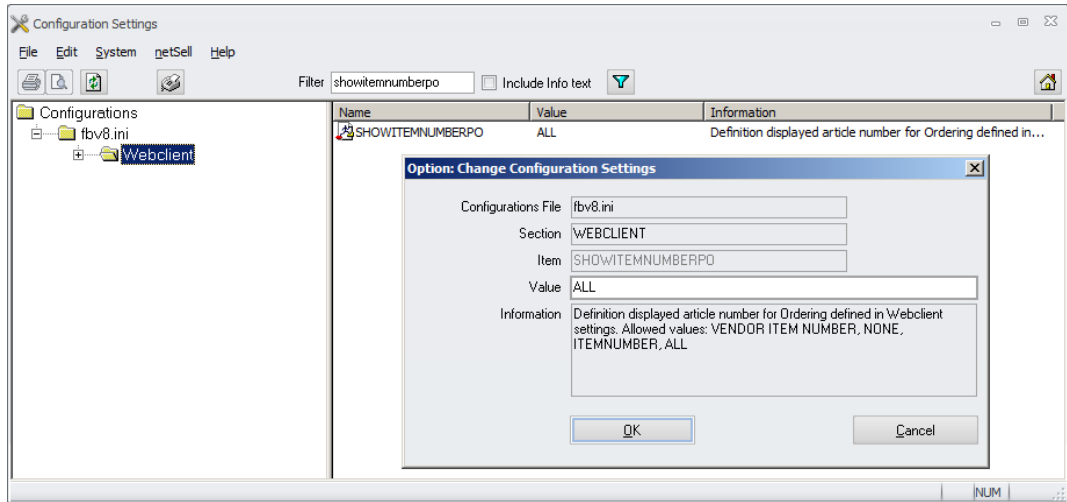
- Article: j.w.
- Supplier No.: 12312
- Article No.: 35700003

✓ A...	Article...	Supplier...	Article	Unit	Qty	Price Unit	Price in FC	Weight	On Hand	On Order	Delivery Date	Supplier
<input type="checkbox"/>	35700004	123123	J.W. Black Label	Bottle 0,7l	0,000	0,99976	16,63000	0,000	6,429	0,000	22.02.2013	Bamboo S
<input type="checkbox"/>	35700005	3658924	J.W. Red Label	Bottle 0,7l	0,000	0,99976	16,63000	0,000	6,429	0,000	22.02.2013	Bamboo S
<input type="checkbox"/>	35700003	12312	Jack Daniels	Bottle 0,7l	0,000	0,99976	16,63000	0,000	72,000	0,000	22.02.2013	Bamboo S

The search boxes are looking for ...

- ... Article > Article Name
- ... Supplier No. > Supplier Article Number of Quote/Purchase Article
- ... Article No. > internal Article Number

The availability is controlled by the following system parameter:



Available settings and their results:

- NONE

Search

Article

- ALL

Search

Article

Supplier No.

Article No:

- VENDOR ITEM NUMBER

Search

Article

Supplier No.

- ITEMNUMBER

Search

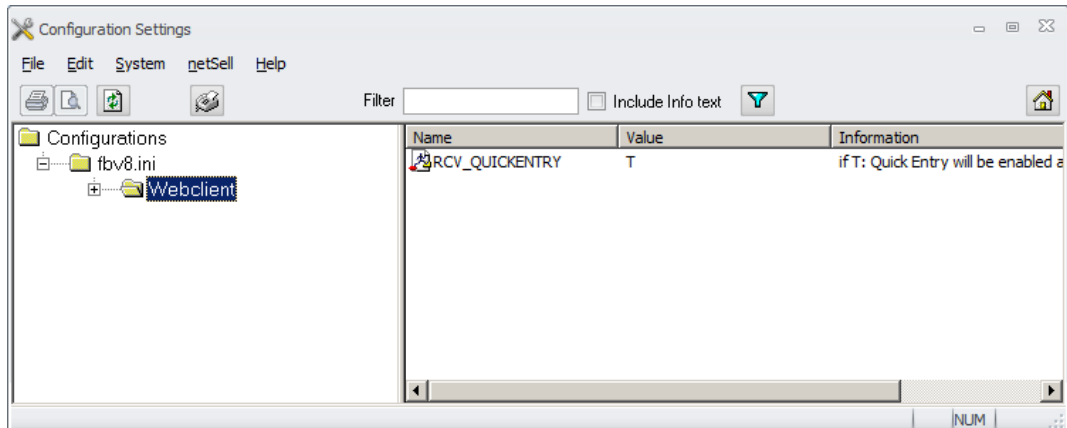
Article

Article No:

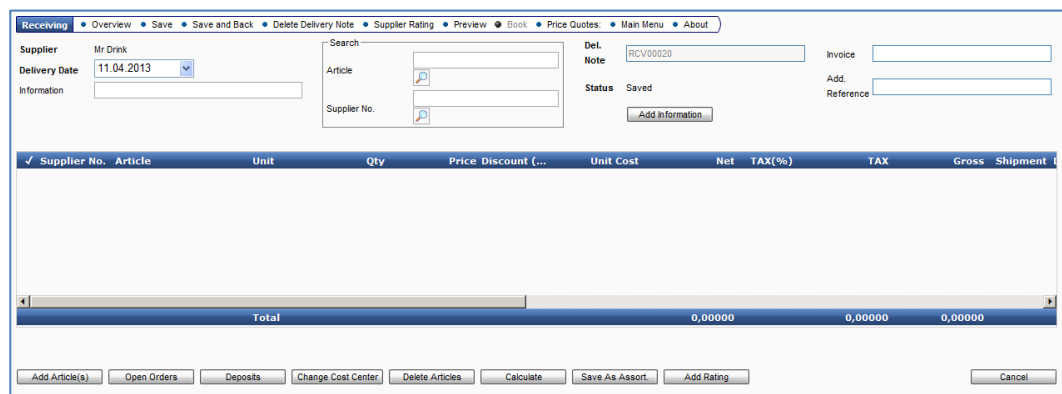
## 118) Receiving > Quick Receiving

The Quick Receiving functionality is now released for the MCweb application.

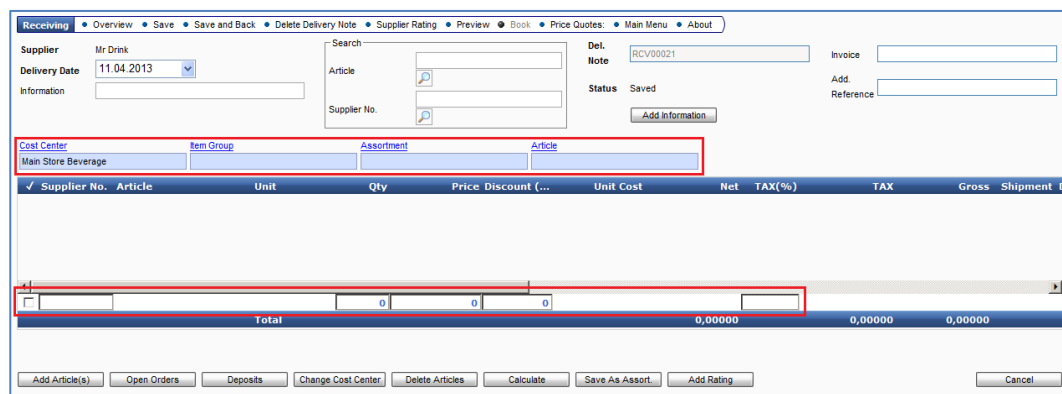
As pre-requisite this must be activated in the system configuration. The parameter can be found in the section [Webclient] and is named RCV\_QuickEntry:



Compared to the usual Receiving screen ...



... several new fields will be shown when the feature is activated:



### Functionality:

This function is designed to speed up the receiving process if no previous Purchase Order was placed.

### Header Section:

<a href="#">Cost Center</a>	<a href="#">Item Group</a>	<a href="#">Assortment</a>	<a href="#">Article</a>			
Main Store Beverage						
✓ Supplier No.	Article	Unit	Qty	Price	Discount (...)	Unit Cost

Here four selection fields are offered.

- The descriptors are defined as hyperlinks. On click the system will offer a list for selection.
- Also when placing the cursor into an empty selection field the system will offer the list for selection.
- **Cost Center:** Here the application shows the user's default cost center. This can be changed as required, considered the user's cost center filter. Also the Supplier-/Cost Center Assignment is considered here. If that feature is defined in the supplier setup just allowed cost centers will be shown.
- **Item Group:** This field operates as a filter function. If an item group is selected here the Article selector will offer records assigned to the selected item group only. This field considers the user's item group filter. This selection is required to be able to use the fields in the bottom section!
- **Assortment:** This field operates as a filter function. If an assortment is selected here the Article selector will offer records contained in the selected assortment only. The selector will display only those assortments which are allowed for the current user.
- **Article:** based on the eventually selected filters (item group, assortment) the user could select here from the full or filtered list of articles.
  - Click on the hyperlink above the field to get the list.
  - Place the cursor in the field and press Enter to get the list.
  - Enter parts of the article name (usual string search) into the field and select from offered results.

After selection of the article the system will add the unit as follows:

1. If existing the unit from the default price quote will be taken.
  2. Else: The preferred unit defined for this article in the selected cost center will be taken if a price quote exists for this.
  3. Else: The preferred unit defined for this article in Article Master Data will be taken if a price quote exists for this.
- If the user has the right "Purchase/Receive all Articles" and the corresponding option is set in Supplier Master Data, the system will the units in case 2 and 3 regardless whether a price quote exists or not.

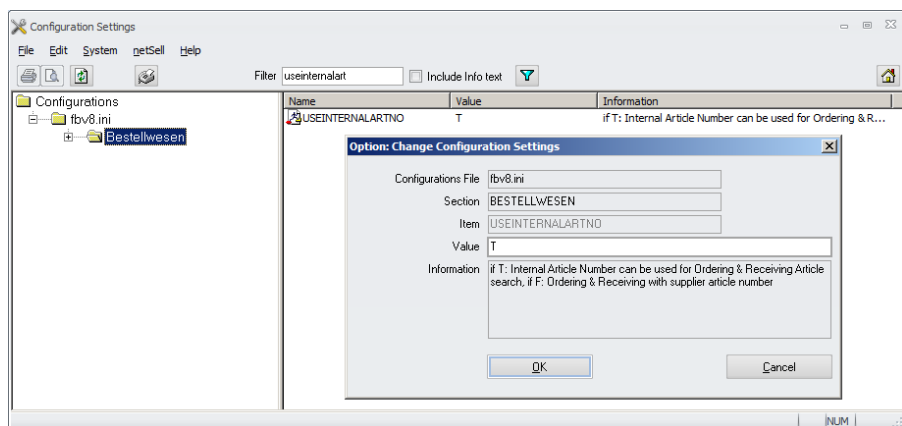
### Bottom Section:

This section is designed to be used with unique supplier article numbers. In order to use this functionality an item group must be selected in the header section. This restriction is required due to performance reasons.

Supplier No.	Article	Unit	Qty	Price	Discount (...)	Unit Cost	Net	TAX(%)
			0	0	0			
<b>Total</b>							<b>0,00000</b>	

The fields do not show a descriptor, but they are “column orientated”

- **Supplier-/Article No.:** Enter here the unique Supplier-/ Article Number.  
NOTE: The behaviour of this field is controlled by the configuration parameter UseInternalArtNo:



If T: The column is named “Article No.” and will search in the internal article numbers.

If F: The column is named “Supplier No.” and will search in the supplier article numbers (price quotes).

- **QTY:** QTY for this position in the offered unit.
- **Price:** Price from Price Quote.
- **Discount:** Discount from Price Quote.
- **Tax (%):** Tax based on usual settings

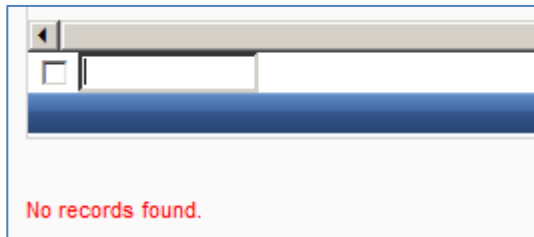
Workflow:

1. Select the Item Group first (red frame).

Supplier No.	Article	Unit	Qty	Price	Discount (...)	Unit Cost	Net	TAX(%)
5678	Apollinaris 1,0l	Bottle 1,0l	0	0,59000	0,000		0,00000	19,00
<b>Total</b>							<b>0,00000</b>	

2. Place the cursor into the green marked field and type in the Supplier- / Article Number.

If no result could be found the system will show the indicator in red:



If the system could find the article, it will be inserted as shown below (purple frame):

Cost Center	Item Group	Assortment	Article	Unit	Qty	Price Discount (...)	Unit Cost	Net	TAX(%)
Main Store Beverage	Lemonades / Water								
✓	Supplier No.	Article		Unit	Qty	Price Discount (...)	Unit Cost	Net	TAX(%)
	5678	Apollinaris 1,0l	Bottle 1,0l	0	0,59000	0,000	0,00000	19,00	
	Total							0,00000	

The Unit cannot be changed. IT is preselected as explained above!

3. The cursor is now moved already to the next field. Enter the delivered quantity and use the TAB key to jump to the next field. After completing all fields the system will add the article to the usual article grid and place the cursor again into the field "Supplier No."

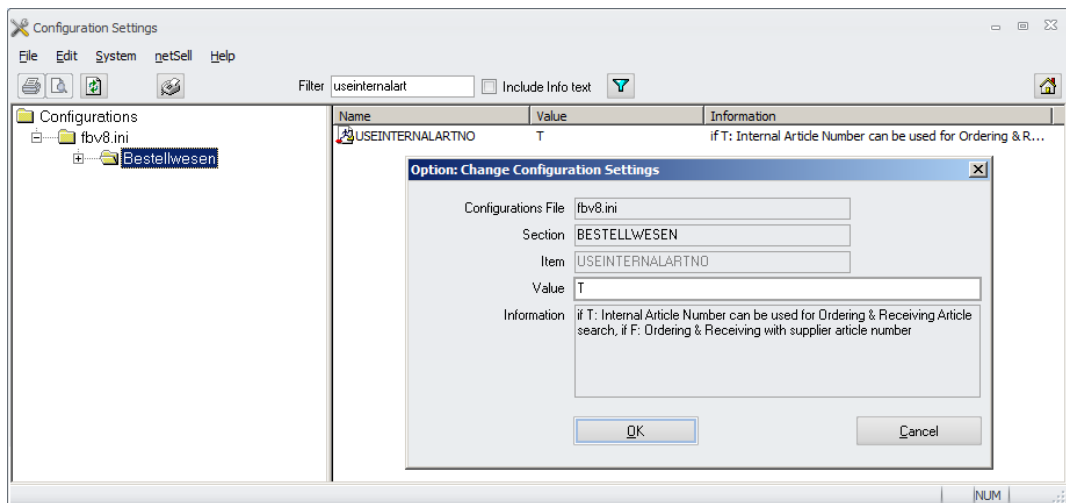
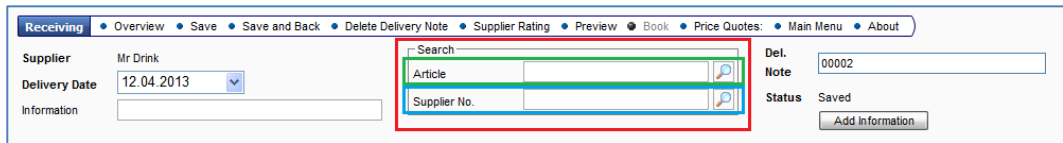
4. Once finished adding article the delivery note could be processed as usual.

All other functions of the Receiving module could be used as always. Also the standard function  could be used to add further positions.



## 119) Receiving > Search Filters

The Purchase Order module in MCweb now offers three search functions. These are very useful when working with large orders or large assortments.



If T: The search field will be labelled as “Article No.” and will search in the internal article numbers.



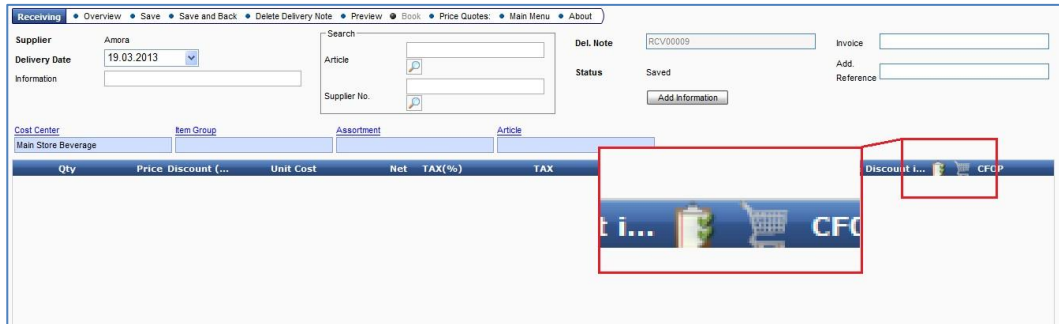
If F: The search field is labelled as “Supplier No.” and will search in the supplier article numbers (price quotes).



Please note that this parameter could be set per user as well!

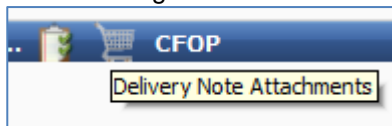
## 120) Receiving > Document Attachments

The column description in the receiving module was replaced for the document attachment columns. In most cases the description was abbreviated and it was not clear for the user which column he is looking at.



Now the column for Ordering attachments shows the Order board icon and the column for delivery note attachments shows the shopping cart, so same icons as for the related modules are used.

When moving with the mouse over the icons the system will also show a small tool tip:



## 121) Receiving > Sorted as Supplier

The definitions defined in Price Quotes > Sorted as Supplier ([see above](#)) are supported in MCweb as well.

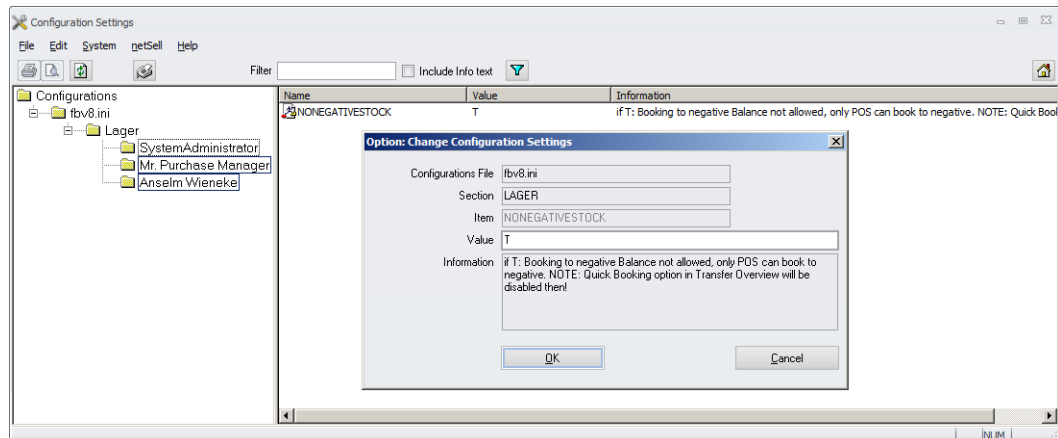
Pos	Article...	Article	Unit	Qty	Price	Discount (...)	Unit Cost	Net	TAX(%)	TAX	Gross	Ship
8	35400002	Asbach Brandy 70cl	Liter	1,000	120,00000	0,000	120,00000	120,00000	0,00	0,00000	120,00000	
15	35200001	Amaretto Di Saronno 70cl	Bottle 0,7l	1,000	165,00000	0,000	164,99996	165,00000	0,00	0,00000	165,00000	
17	35700004	J.W. Black Label	Bottle 0,7l	1,000	16,63000	0,000	16,63001	16,63000	0,00	0,00000	16,63000	
18	35700006	Jim Beam Whiskey	Bottle 0,7l	1,000	16,63000	0,000	16,63001	16,63000	0,00	0,00000	16,63000	

## 122) Return to Supplier > NoNegativeStock

The function Return to Supplier was adjusted to allow the creation of negative stock. This was not possible in former versions. But this is a logical issue.

If the supplier loads the goods out of the store into his truck, the user must be able to book the transaction.

The entire handling is controlled by a system parameter called NoNegativeStock:



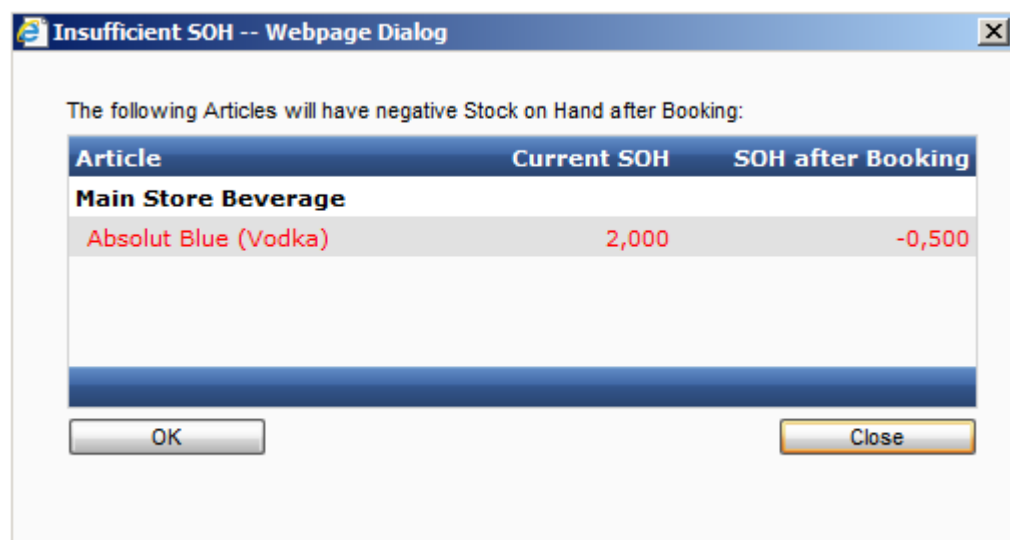
If F: The application does not check if a transaction would create negative SOH

If T: The system will not allow the creation of negative SOH.

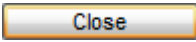
Exceptions:

- POS Transactions
- Other automated Transactions
- Returns to Supplier

If a Return to Supplier transaction would create negative SOH, the system shows a warning message to inform the user:

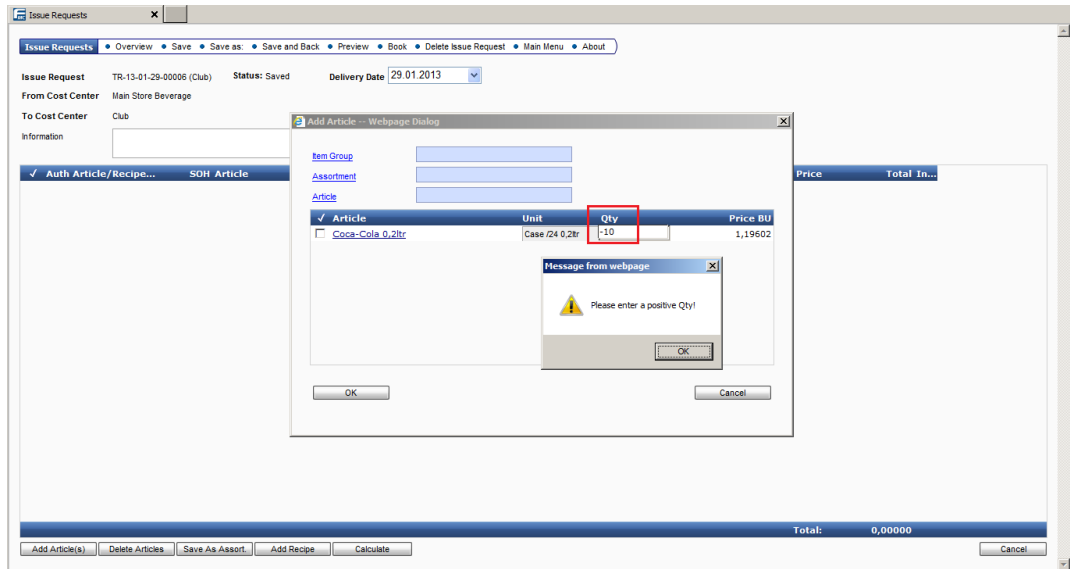


If the user clicks on , the transaction is booked.

If the user clicks on , the dialog is closed and the user could adjust the document before booking.

### 123) Issue Requests > Negative QTY

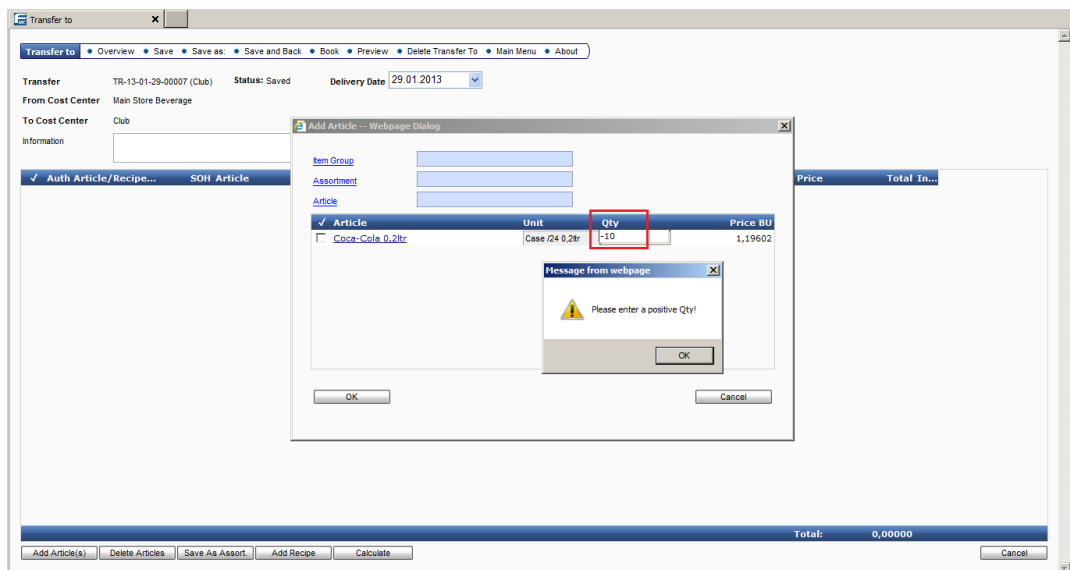
It is now no longer possible to create an Issue Request with negative quantities.



Such documents created too many problems in various recalculation processes. Documents with positives quantities in reverse direction should be booked instead.

### 124) Transfers > Negative QTY

It is now no longer possible to create a Transfer with negative quantities.



Such documents created too many problems in various recalculation processes. Documents with positives quantities in reverse direction should be booked instead.

## 125) Transfer > Booking of requested Documents

The requested delivery date in placed Issues Requests is now secured by a user right. After placing the Issue Request it will appear in the Transfer module having the status "Requested".

Auth Article/Recipe...	SOH Article	Unit	Qty	Req. Qty.	OPT	Price	Total In...
0 31000004	3.357,360 Coca-Cola 0,2ltr	Case /24 0,2ltr	1,000	1,000	100,000	5,74090	5,74090 i
0 31000009	169,320 Fanta 0,2l	Bottle 0,2l	2,000	2,000	0,000	0,25080	0,50160 i
0 31000014	557,600 Sprite 1,0l	Bottle 1,0l	3,000	3,000	48,000	0,64353	1,93058 i
0 31000021	354,000 Bionade Holunder (ea) 0,33ltr	Each	4,000	4,000	0,000	0,71872	2,87488 i
0 31000022	121,000 Bionade Inzwer (ea) 0,33ltr	Each	5,000	5,000	0,000	0,92116	4,60578 i
0 31000023	25,000 Bionade Litschi 0,33ltr	Each	6,000	6,000	0,000	0,69589	4,17536 i
0 35400001	2,000 Absolut Blue (Vodka)	Liter	7,000	7,000	0,000	6,79000	47,53000 i
0 35200001	4,900 Amaretto Di Saronno 70cl	Bottle 0,7l	8,000	8,000	0,000	4,89000	39,12000 i
0 35200002	4,300 Amaretto 70cl	Bottle 0,7l	9,000	9,000	32,143	4,89000	44,01000 i
0 31000001	246,000 Apollinaris 1,0l	Bottle 1,0l	10,000	10,000	0,000	0,58843	5,88434 i
0 35200003	1,600 Apple - Kern Schnaps	Bottle 0,7l	11,000	11,000	24,000	2,09000	22,99000 i

Total: 179,36346

- If the right is not set, the user will not be able to adjust the date in the document.

Auth Article/Recipe...	SOH Article	Unit	Qty	Req. Qty.	OPT	Price	Total In...
0 31000004	3.357,360 Coca-Cola 0,2ltr	Case /24 0,2ltr	1,000	1,000	100,000	5,74090	5,74090 i
0 31000009	169,320 Fanta 0,2l	Bottle 0,2l	2,000	2,000	0,000	0,25080	0,50160 i
0 31000014	557,600 Sprite 1,0l	Bottle 1,0l	3,000	3,000	48,000	0,64353	1,93058 i
0 31000021	354,000 Bionade Holunder (ea) 0,33ltr	Each	4,000	4,000	0,000	0,71872	2,87488 i
0 31000022	121,000 Bionade Inzwer (ea) 0,33ltr	Each	5,000	5,000	0,000	0,92116	4,60578 i
0 31000023	25,000 Bionade Litschi 0,33ltr	Each	6,000	6,000	0,000	0,69589	4,17536 i
0 35400001	2,000 Absolut Blue (Vodka)	Liter	7,000	7,000	0,000	6,79000	47,53000 i
0 35200001	4,900 Amaretto Di Saronno 70cl	Bottle 0,7l	8,000	8,000	0,000	4,89000	39,12000 i
0 35200002	4,300 Amaretto 70cl	Bottle 0,7l	9,000	9,000	32,143	4,89000	44,01000 i
0 31000001	246,000 Apollinaris 1,0l	Bottle 1,0l	10,000	10,000	0,000	0,58843	5,88434 i
0 35200003	1,600 Apple - Kern Schnaps	Bottle 0,7l	11,000	11,000	24,000	2,09000	22,99000 i

Total: 179,36346

- If the right is set, the field is open and the date can be adjusted.

## General Changes:

### 126) Installation > MICROS CI

The Installer used for Materials Control was adjusted to follow the MCIROS CI guidelines.

### 127) Installation > SQL.INI

The connection configuration file SQL.INI now also was cleaned up and contains the connection parameters required for Oracle only.

### 128) Unattended Installation

The procedures for unattended installations were checked and partially adjusted. For details please see the updated documentation "94.1\_MC\_Manual\_Unattended\_Install".

### 129) Remote Update

The procedures for Remote Updates were checked and partially adjusted. For details please see the updated documentation "94\_MC\_Manual\_Remote\_Update".

NOTE: The handling has changed with 8.7.20.xx!

Please see details in the [related chapter](#).

### 130) Translation

The language handling process was changed at several places:

- Online / Offline Translation
- Unicode Support for Translation module
- Default Language at User Creation
- User Rights Translation
- Messages Translation (MCweb)

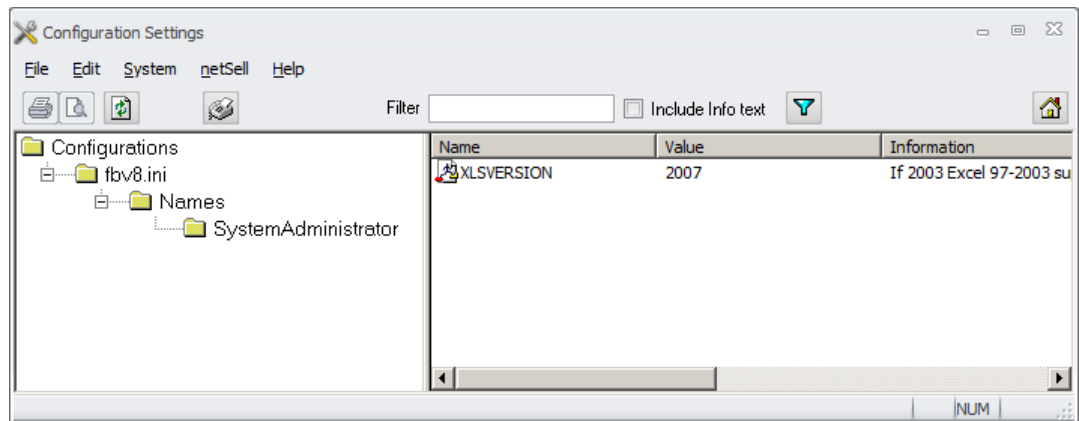
For details please read the documentation "125\_MC\_Translation\_Manual".

### 131) Excel Exports > Excel Version Definition

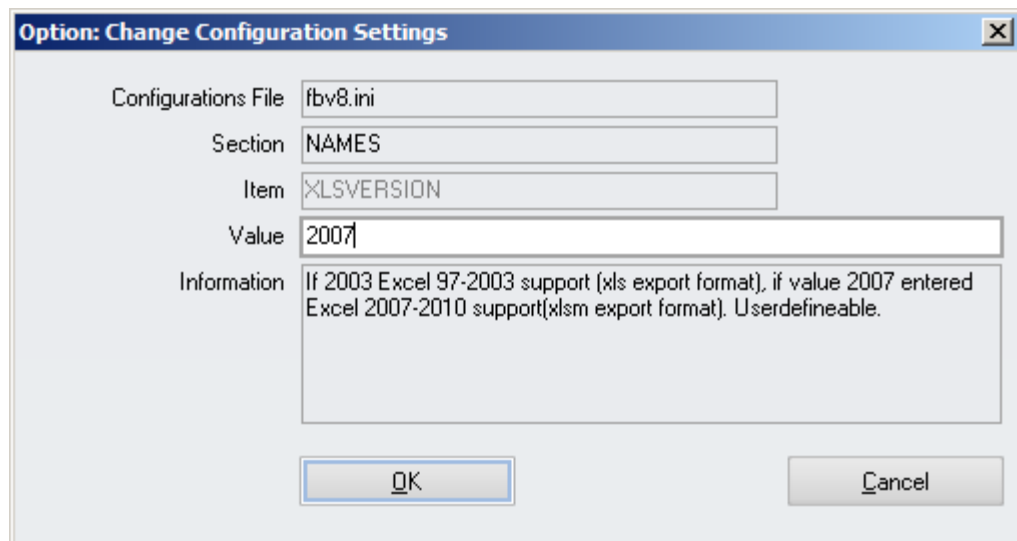
Materials Control allows to export data from various places and modules into Excel worksheets. Since there are numbers of different versions of MS Excel on the market, it is now possible to define the preferred version in the configuration. This could be done either per installation or per user.

The new configuration parameter is created and filled automatically after the first export in the version 8.8.00.xx.

Open System > Configuration > [NAMES]:



Here in the section [NAMES] and in the subfolder for each user who has done an export in this version already the value for the Excel version parameter XLSVERSION can be defined.

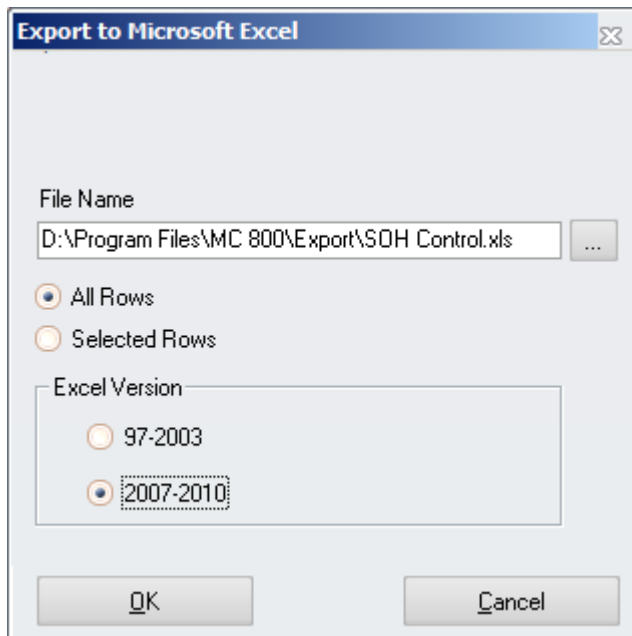


Allowed values:

- 2003  
By default the application will export in a format compatible to Excel version 97 – 2003. The format can be adjusted during the actual export every time. Default extension will be .XLS.
- 2007

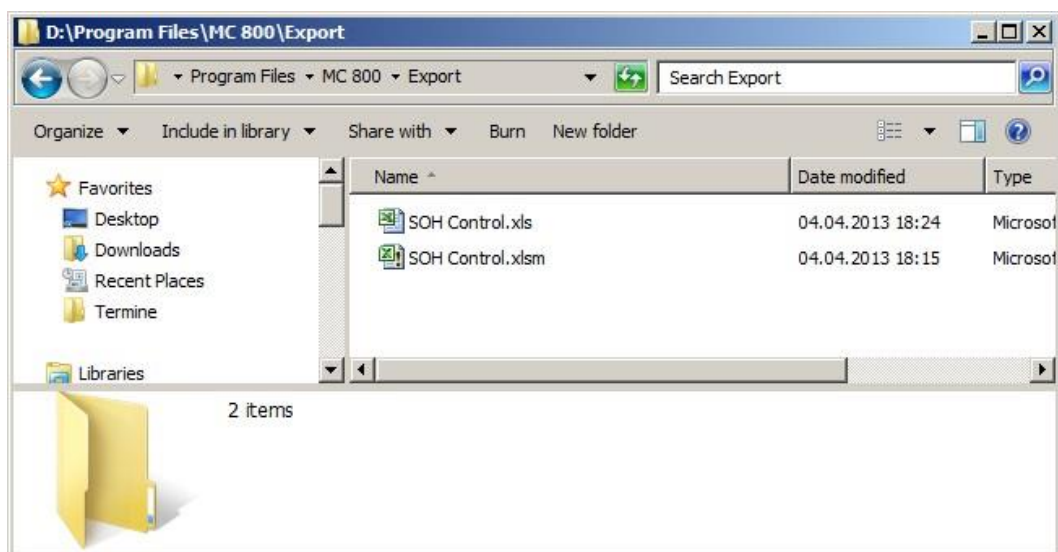
By default the application will export in a format compatible to Excel versions 2007 and higher. The format can be adjusted during the actual export every time.  
 Default extension will be .XLSM. Please keep in mind that these files are not compatible with older Excel versions!

After click on the Excel icon the Export Options dialog now allows to select the version:



The selected value will be saved per user in the configuration.

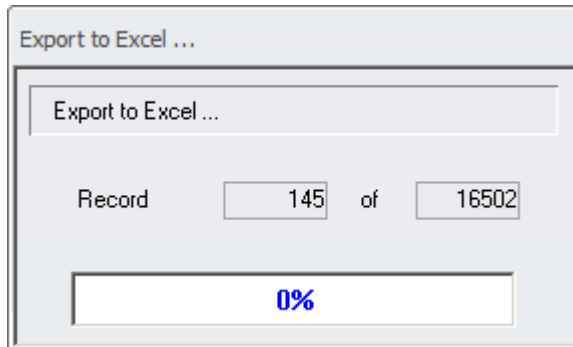
Based on the selection made here the files will be created in the defined/selected export location:





### 132) Excel Exports > Progress Bar

All Excel Exports will now show a progress bar to display the user the current status of the export:



### 133) Report Builder

The Centura Report Builder 2.1 cannot be used anymore for this version. In order to edit QRP reports in MC 8.6.6.30.xx or higher now the Unify Report Builder 6.0 must be used.

[http://www.unify.com/Products/Data\\_Management/ReportBuilder/default.aspx](http://www.unify.com/Products/Data_Management/ReportBuilder/default.aspx)

Materials Control will convert the current QRP templates automatically to the new format when used in the application.

Once a template was opened by MC 8.6.6.30 or higher or Unify Report Builder 6.0...

- it cannot be used anymore in older versions of Materials Control
- it cannot be opened anymore with the Centura Report Builder 2.1

### 134) Crystal Reports 2008

With version 8.6.6.30 the application was changed to use Crystal Reports 2008 for the Custom Reports.

- The Crystal Reports 2008 SP3 Runtime will require 200MB additional disk space on the c:\ drive of each client PC and will be installed automatically.
- The installation of the new Crystal Reports Runtime SP3 takes several minutes.
- The older report files do not need to be converted, but after editing with the Crystal Reports 2008 Designer they cannot be used with older versions anymore.
- There is no difference visible for the end user.
- With version 8.7.10.xx also support for Unicode parameter names was added to the runtime routines.

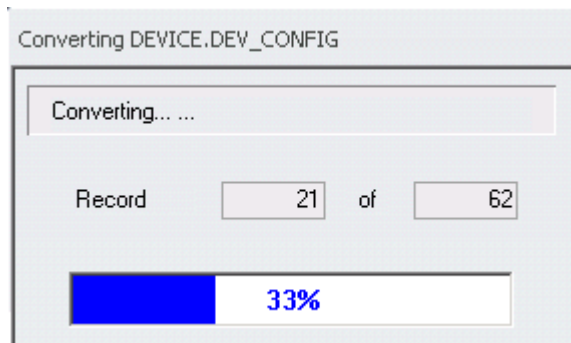
**NOTE:** The application cannot support mandatory parameters when using immediately print from Edit Report Parameters" dialog. Such parameters must be filled first in grid behind "Show Parameters"!

Also, report with (not filled) mandatory parameters cannot be used in Report Batches. In both cases no GUI would be available and the report viewer will fail!

### 135) Long fields replacement

All fields in the database of data type LONG were replaced with data type varchar2(8000). This change was required since the data field type LONG was a relic from Oracle 7 & 8, in current versions data field types as varchar2 should be used.

The field replacement is executed during the DB Update to 8.7.30.xx



### 136) Oracle Privileges

Since Materials Control will also use database views in the future for more and more features it may be required that the Oracle user privileges must be updated to allow the maintenance of views as well.

This could be done in the following ways:

- a) Modify the default values in the Oracle setup files:

The origin user privileges may be defined like this:

***grant connect,resource to {Oracle User} identified by {Password};***

This must be adjusted to:

***grant connect,resource, create view to {Oracle User} identified by {Password};***

... where the ***{Oracle User}*** and ***{Password}*** must be replaced with the correct Oracle user assigned for Materials Control and his credentials.

- b) Adjust privileges for existing Oracle users:

For all existing installations the privileges must be adjusted manually. This cannot be done by the Materials Control Installer or the Update, the current Oracle user cannot adjust his own privileges.

Start SQLPlus (or any other SQL editor) and connect as SYSTEM user with the required password.

Execute the following statement for all Oracle users defined for Materials Control:

***grant create view to {Oracle User};***

... where the ***{Oracle User}*** must be replaced with the correct Oracle user assigned for Materials Control.

### 137) Oracle 9i

Oracle 9i (and older) is no longer supported with this version. Oracle database and clients must be updated to Oracle 10g or 11g.

### 138) Oracle 11g > Various

This chapter will show some specific topics related to Oracle 11g only.

- When installing Oracle 11g using the default configuration settings, the password of the ORACLE USER will expire after 180 days. Usually these Oracle accounts are not monitored. It is recommended to execute a SQL statement as shown below to avoid this:

```
ALTER PROFILE DEFAULT LIMIT PASSWORD_LIFE_TIME UNLIMITED;
```

In addition to this it strongly recommended to encrypt the password in the connection configuration as described in the related manuals for MC thick client and MCweb!

MC Thick Client:

The configuration for using encrypted DB schema passwords is described in "39\_MC\_Manual\_FMLOGIN\_INI".

MCweb Client:

The configuration for using encrypted DB schema passwords is described in "140\_MCweb\_Password\_Encryption".

### 139) 64-bit Operating Systems

Materials Control 8.6.6.10.xx and higher can be installed on 64-bit operating systems considering the following rules:

- The Oracle database can be installed in 32-bit or 64-bit version. MC can work with both of them.
- The Oracle client for the Materials Control thick client must be installed in a 32-bit version on the 64-bit operating system.
- The Materials Control thick client is a pure 32-bit application. During the installation a Windows 64-bit operating system will detect it as such and install it in \Program Files (x86)\ directory. The application itself will operate as usual.
- MCweb can be installed on a 64-bit machine and use a 64-bit Oracle client. But on this machine the Materials Control thick client cannot be installed, since that again requires a 32-bit Oracle client.

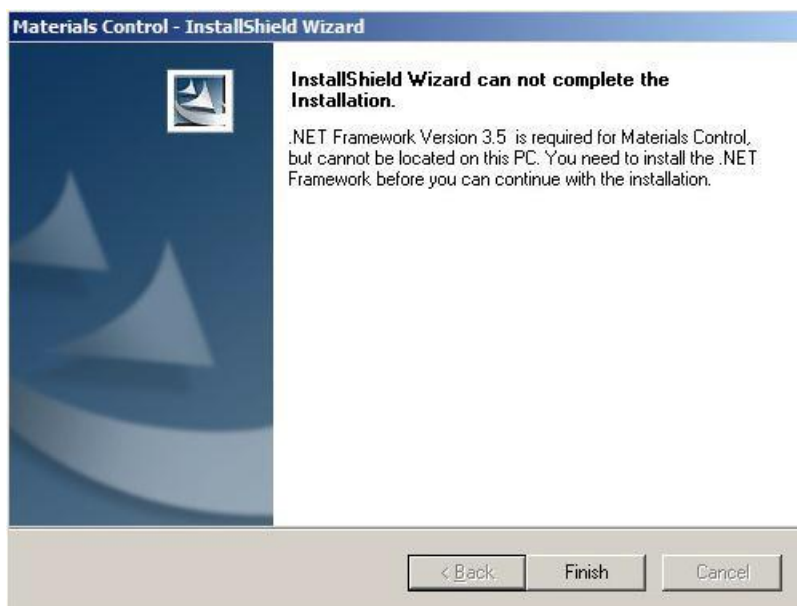
Summary:

- Oracle database Server:
  - 32-bit Operating System with 32-bit Oracle Version, MC client possible
  - 64-bit Operating System with 64-bit Oracle Version, no MC client possible
- MCweb Server:

- 32-bit Operating System with 32-bit Oracle client, MS IIS and .NET Framework in 32-bit
  - MC client possible
- 64-bit Operating System with 64-bit Oracle client, MS IIS and .NET Framework in 64-bit
  - no MC client possible
- 64-bit Operating System with 32-bit Oracle client, MS IIS and .NET Framework in 32-bit
  - MC client possible
- MC Client PC:
  - 32-bit Operating System with 32-bit Oracle Version
    - MC client possible
  - 64-bit Operating System with 32-bit Oracle Version
    - MC client possible
    - No 64-bit applications will be able to connect to Oracle using the 32-bit Oracle client!

## 140) MS .NET Framework

Materials Control requires MICROSOFT .NET Framework at least in version 3.5. If this cannot be located on the client PC, the installation will be stopped.



In addition for any workstation performing extended and high-end activities it is strongly recommended to install the following components:

- MICROSOFT .NET Framework 4 Client Profile
- MICROSOFT .NET Framework 4 Extended

This is recommended for all PCs running POS Interfaces, MC Web Services, Mobile Solution Clients, Scheduler Jobs, etc.

### 141) Installation > Centura SQLBase Option removed

The installer no longer offers the installation options for Centura SQLBase, since this RDBMS is no longer supported for Materials Control.

### 142) Centura SQLBase End of Sales 12/2011

Due to several reasons it was decided to stop the sales/support for Materials Control on Centura SQLBase.

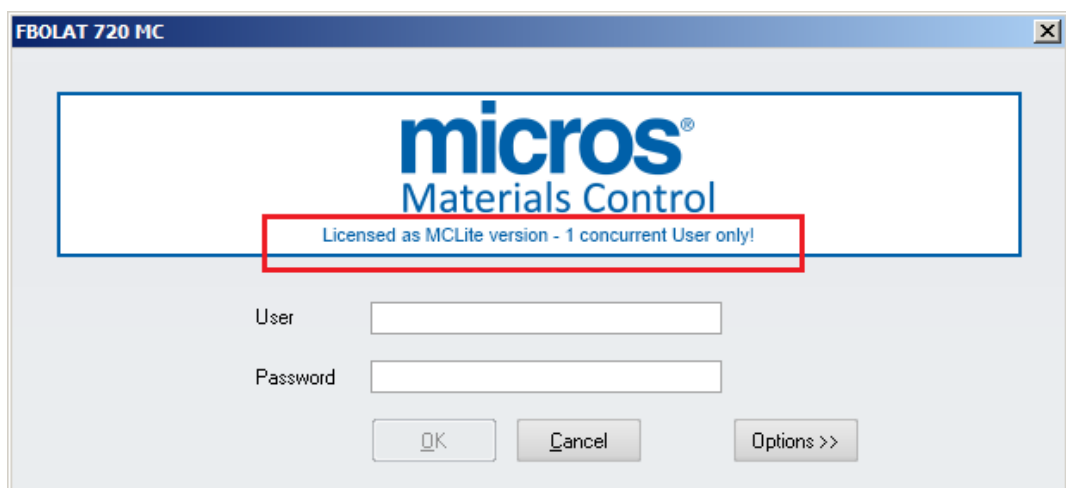
- The sales of Centura SQLBase licenses was discontinued End 2011.
- The installation & use of Centura SQLBase on Novell Servers is no longer supported with any version > 8.5.10.56.1241. For customers using Centura SQLBase a Windows based server or workstation must be used.
- Since version 8.6.6.30.xx Materials Control on Centura SQLBase will not be supported anymore.
- We will still support existing installations using MC in version 8.6.10.67.1296 or older, until End 2012.
- We strongly recommend converting the Centura based systems to Oracle as soon as possible.

Please see the separate PMA for more details.

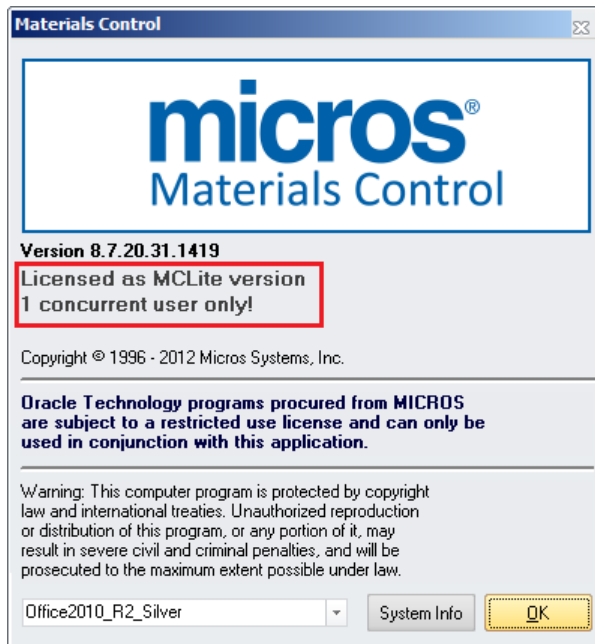
### 143) MCLite on Oracle

Since version 8.6.6.30.xx MC*Lite* can be used on Oracle.

When starting MC with a MC*Lite* license the system will show this as additional information already:



The "About" screens will show the License information now as well:



Since **MCLite** is limited to one concurrent user only, it will not allow logging in if the application is already running on any other client PC:



After closing the application on the other client PC the database will still be locked for up to 30 seconds.

When using a **MCLite** license the system will create a time stamp in the database every 30 seconds. If at login the time stamp is older than 30 seconds, MC assumes a dead connection and clears the time stamp.

Please see also the PMA regarding the use of **MCLite** on Oracle.

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