

# MICROS Materials Control

## Changes in Version 8.8.10.28.1515

The logo for micros Materials Control, featuring the word "micros" in a large, bold, blue, sans-serif font with a registered trademark symbol (®) at the top right, and "Materials Control" in a smaller, blue, sans-serif font below it.

Product version **8.8.10.28.1515**

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Author:	Joerg Trommeschlaeger
Department:	Materials Control
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# Introduction

This document will describe the changes and new features implemented in the version 8.8.10.28.1515 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This version requires a newer version of the Report Writer.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](#).

## Important B2B Change:

This update contains a change in the B2B Interface Definitions. This requires that all interfaces must be reviewed. Please read the [related chapter](#) carefully before starting the update!

## 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\_Full 8.8.10.28.1515
- yymmdd\_MC\_Update 8.8.10.xx.xxxx\_from8.00.xx.xxxx

Explanation of the naming:

- 131002 This is the creation date of the build, here Oct, 2<sup>nd</sup> 2013
- MC\_Full/MC\_Update This shows the type of the package.
- 8.8.10.28.1515 This is the exact version of the package.
  - Main Version 8.8
  - Sub Version 10
  - Patch level 28
  - Database Version 1515
- \_from8.10.28.1515 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 131002\_MC\_Full 8.8.10.28.1515 package. When using WINZIP (or similar) select the option "Extract to here"

1. A new folder "130503\_MC\_Full 8.8.10.28.1515" 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 15.15)
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.

Besides the changes described in this document, also several separate documentations have been updated. Please check the usual repository for updated files.

## I. Main Application:

### 1) FMLOGIN > Display Client Selector

A new option was added to show the client selector, else activated by using the button **Options >>**, by default.

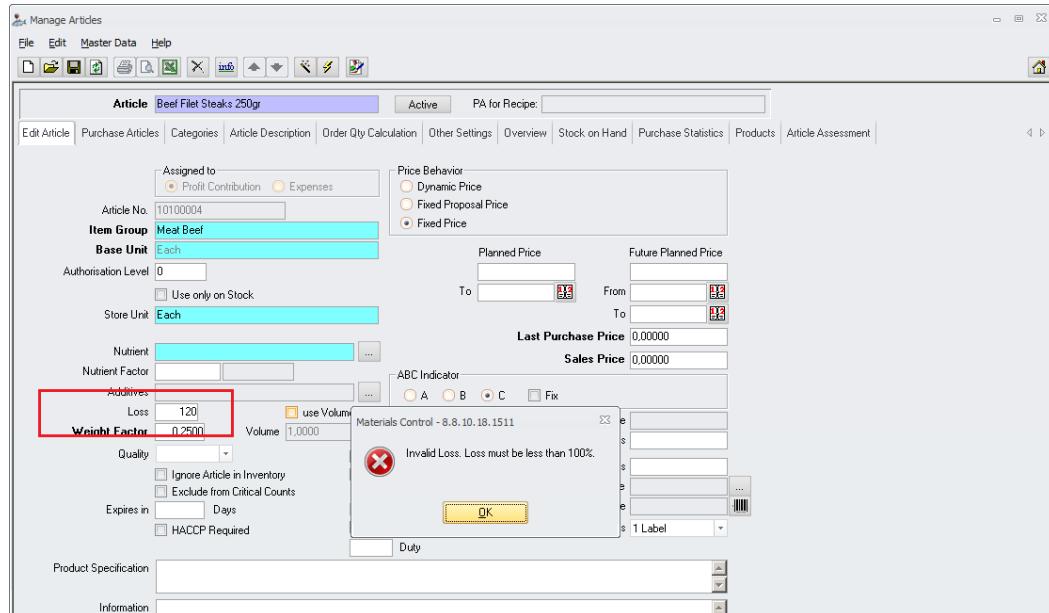


For further details please see the manual "39\_MC\_Manual\_FMLOGIN\_INI".

## II. Master Data:

### 2) Articles > Loss Factor

The application will no longer allow the definition of a Loss factor higher than 100%:



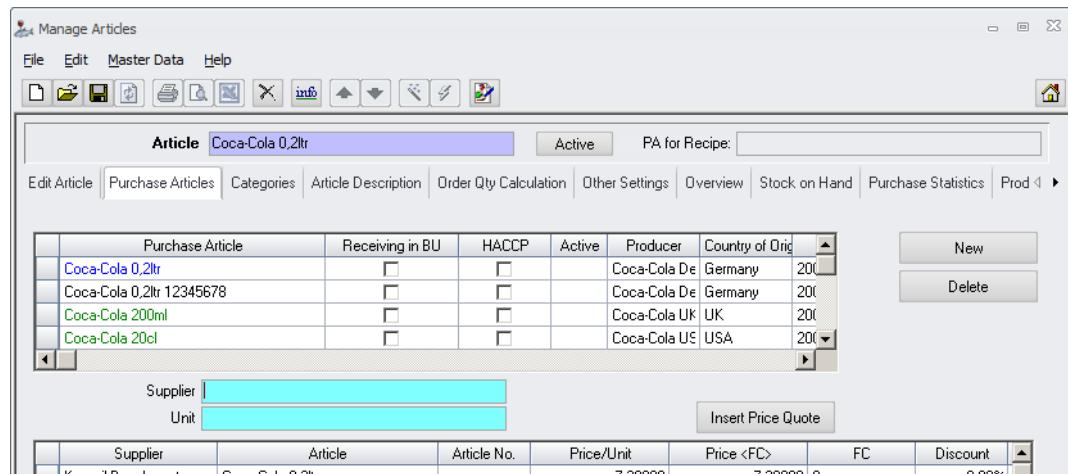
### 3) Articles > Nutrients Licensing Warning

When using the Nutrients in the Article Setup, the system will now show a warning/notice regarding the nutrient catalogue licensing at first call.

For further details please see the detailed explanation in either the [chapter below](#) or in the updated document "55\_MC\_Manual\_Nutrients".

## 4) Articles > Purchase Articles

In module Manage Articles on tab "Purchase Articles" all purchase articles assigned to a stock article are listed.

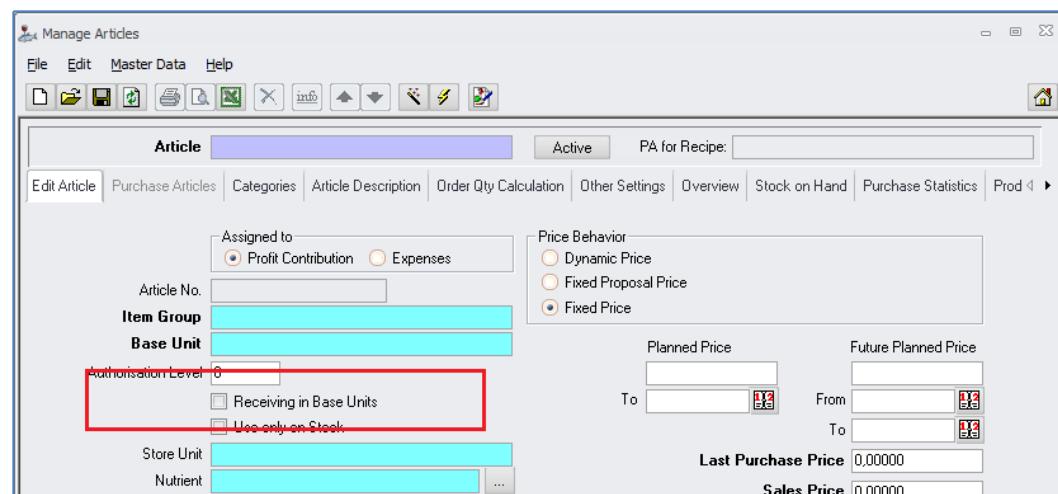


In order to allow a differentiation the records are now displayed in blue, black or green:

- **Blue:** This is the main Stock Article.
- **Black:** Black records showing Purchase Articles assigned to the Stock Article, but not having any Price Quote attached
- **Green:** These are Purchase Articles having Price Quotes attached.

## 5) Articles > Receiving in Base Unit

This function was implemented initially to limit certain articles to be received in the base unit only.



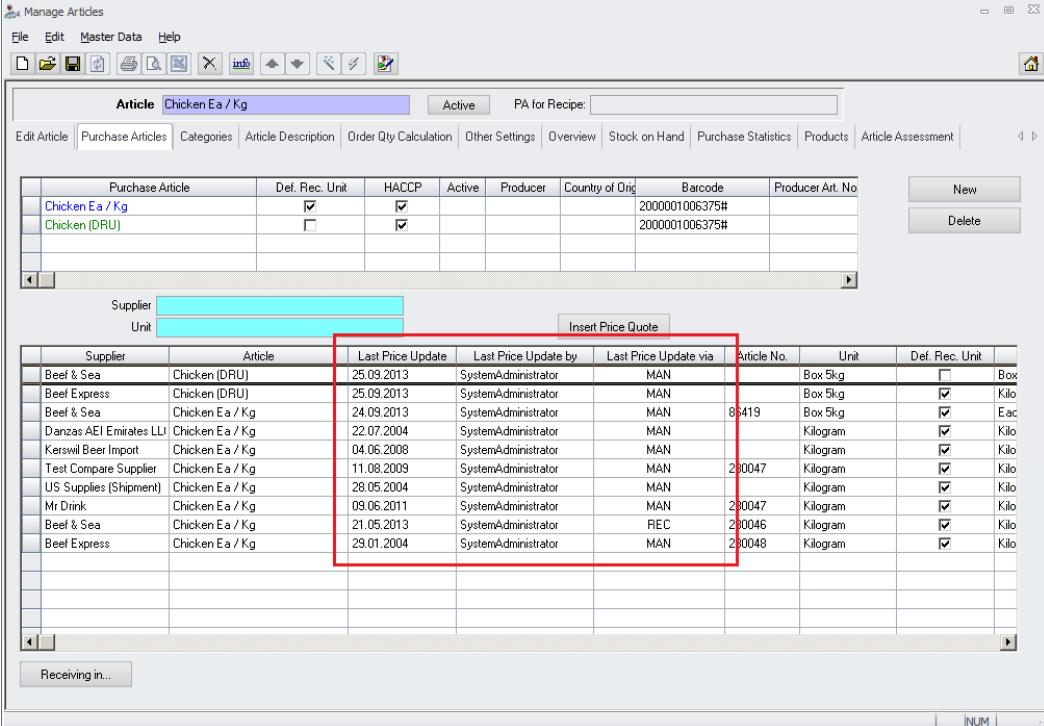
In former versions this setting was defined per article and was valid then for all Purchase Articles and all Price Quotes linked to this article.

This definition was now moved to the Purchase Articles and Price Quotes. It was set automatically for all Purchase Articles and Price Quotes where the Stock Article was defined to use it. This now allows to use that feature for selected Price Quotes only.

Besides this the functionality was enhanced to give the user more flexibility and control. Please see the [related chapter](#) for the details.

## 6) Articles > Last Price Information

On the tab Purchase Articles in Article Setup the user now can see the last price update details:



The screenshot shows the 'Manage Articles' application with the 'Purchase Articles' tab selected for the article 'Chicken Ea / Kg'. The interface includes a toolbar with various icons, a menu bar with 'File', 'Edit', 'Master Data', and 'Help', and a navigation bar with tabs like 'Edit Article', 'Purchase Articles', 'Categories', etc. A red box highlights the 'Last Price Update' column in the detailed list of price quotes, which shows the date of the last price update for each supplier.

Supplier	Article	Last Price Update	Last Price Update by	Last Price Update via	Article No.	Unit	Def. Rec. Unit	
Beef & Sea	Chicken (DRU)	25.09.2013	SystemAdministrator	MAN		Box 5kg	<input type="checkbox"/>	Box
Beef Express	Chicken (DRU)	25.09.2013	SystemAdministrator	MAN		Box 5kg	<input checked="" type="checkbox"/>	Kilo
Beef & Sea	Chicken Ea / Kg	24.09.2013	SystemAdministrator	MAN	81419	Box 5kg	<input checked="" type="checkbox"/>	Eac
DanGas AEI Emirates LLI	Chicken Ea / Kg	22.07.2004	SystemAdministrator	MAN		Kilogram	<input checked="" type="checkbox"/>	Kilo
Kerswil Beer Import	Chicken Ea / Kg	04.06.2008	SystemAdministrator	MAN		Kilogram	<input checked="" type="checkbox"/>	Kilo
Test Compare Supplier	Chicken Ea / Kg	11.08.2009	SystemAdministrator	MAN	210047	Kilogram	<input checked="" type="checkbox"/>	Kilo
US Supplies (Shipment)	Chicken Ea / Kg	28.05.2004	SystemAdministrator	MAN		Kilogram	<input checked="" type="checkbox"/>	Kilo
Mr.Drink	Chicken Ea / Kg	09.06.2011	SystemAdministrator	MAN	210047	Kilogram	<input checked="" type="checkbox"/>	Kilo
Beef & Sea	Chicken Ea / Kg	21.05.2013	SystemAdministrator	REC	210046	Kilogram	<input checked="" type="checkbox"/>	Kilo
Beef Express	Chicken Ea / Kg	29.01.2004	SystemAdministrator	MAN	210048	Kilogram	<input checked="" type="checkbox"/>	Kilo

- Last Price Update: shows the date of the last price update
- Last Price Update by: shows the user who did the last price update
- Last Price Update via: shows the method how the price was updated
  - MAN = Manual Update in module Price Quotes
  - REC = Update through Receiving
  - CAT = Update through Catalogue Import in B2B

## 7) Articles > Barcode Checks

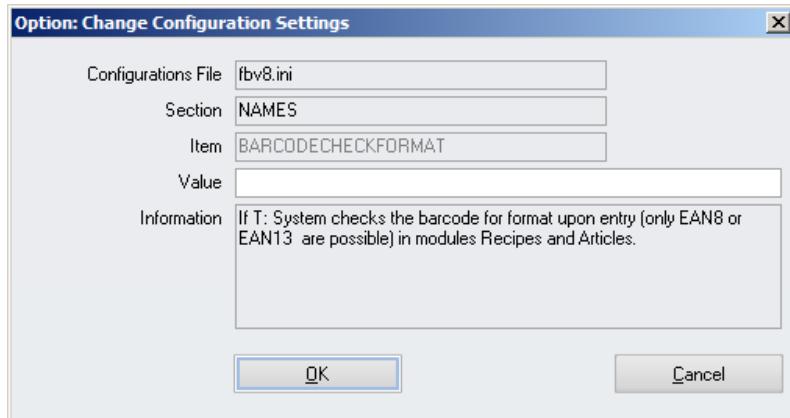
Two new check functions were added to the system in order to check ...

- ... the uniqueness of an entered barcode
- ... the format of an entered barcode

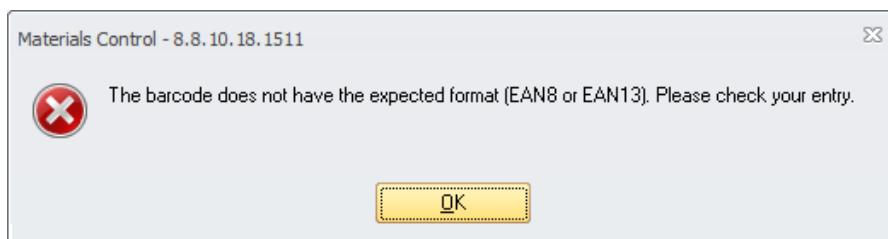
Both could be activated with the following parameters:

Go to System > Configuration > [NAMES] >

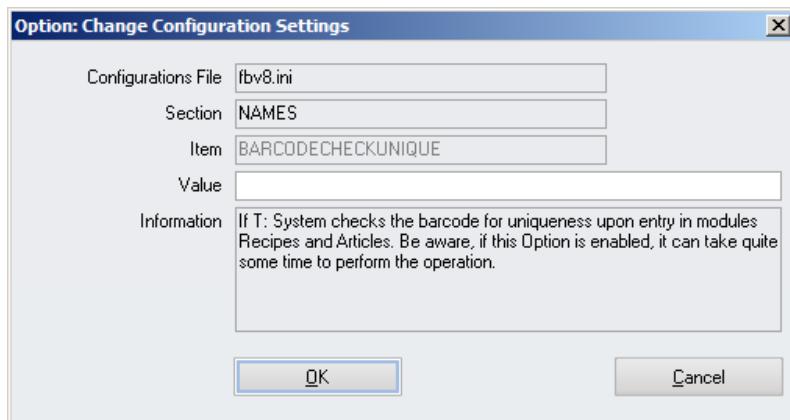
- BarcodeCheckFormat



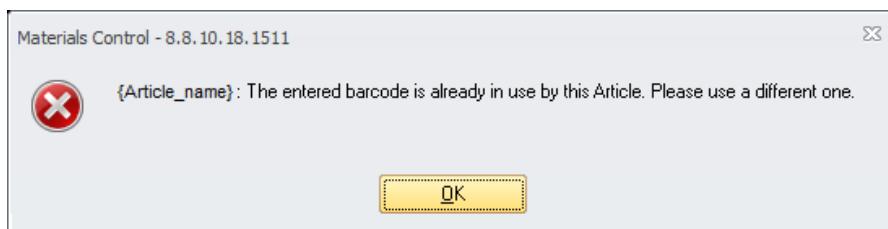
If set to T and the entered does not match the EAN 8/13 format, the system will show the following message:



➤ **BarcodeCheckUnique**



If set to T and the entered barcode is already used for any other article, the system will show a message like below starting with the name of the article which already uses the barcode:

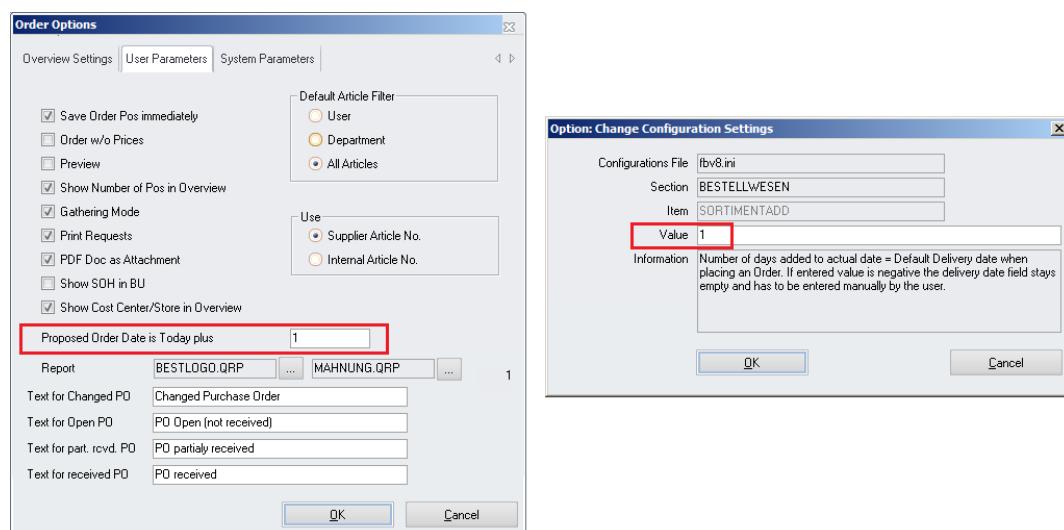


### III. Purchase:

#### 8) Purchase Orders > Suggested Delivery Date

The existing function to configure the suggested Delivery Date in new Purchase Orders was enhanced.

The configuration parameter SortimentAdd allows to define the number of days to be added to the current system date when creating a new Purchase Order.



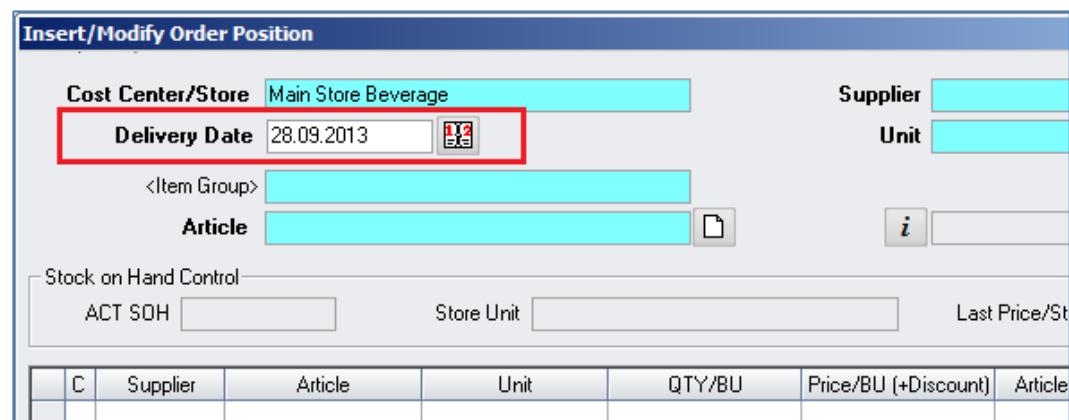
This could be configured either in the Options in the Purchase Order module directly or in the System Configuration.

Example:

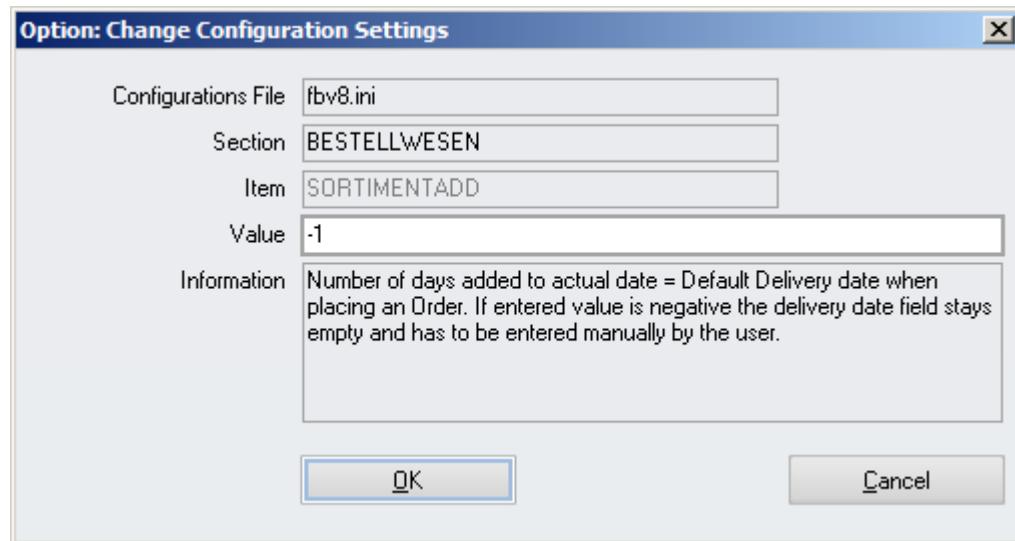
Value 0 = System Date

Value 1 = System Date +1

Value 3 = System Date +3



The parameter was enhanced in the following way:



If the value = -1, the system will blank the Delivery Date field and the user has to select the date manually.

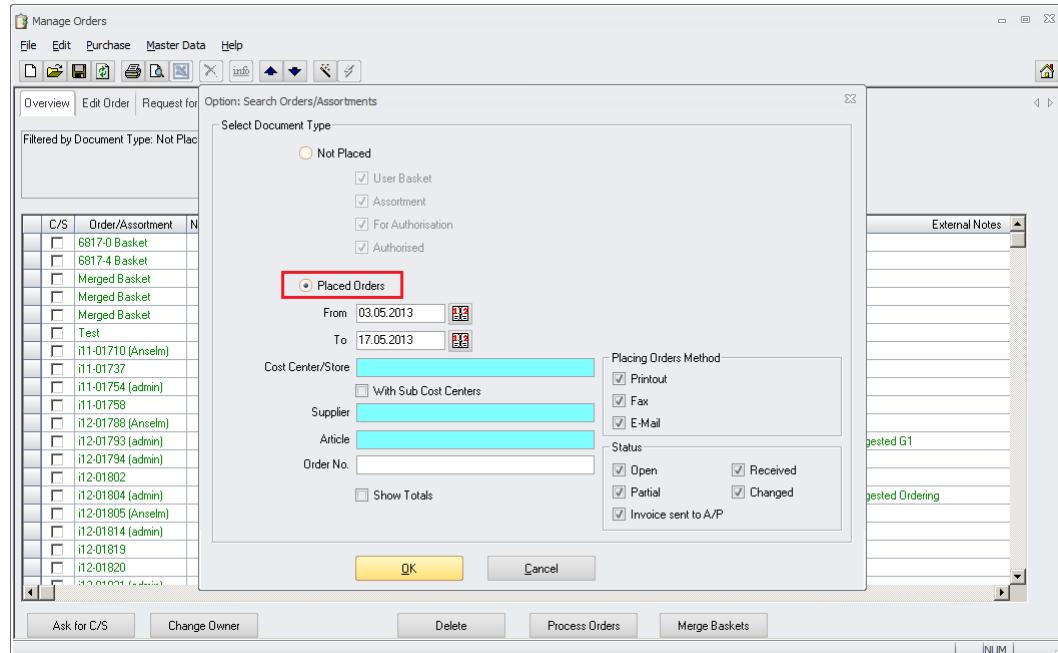
**NOTE 1:** Please keep in mind that this configuration is defined per user!

**NOTE 2:** The value -1 cannot be entered via the Options menu, but the System Configuration only.

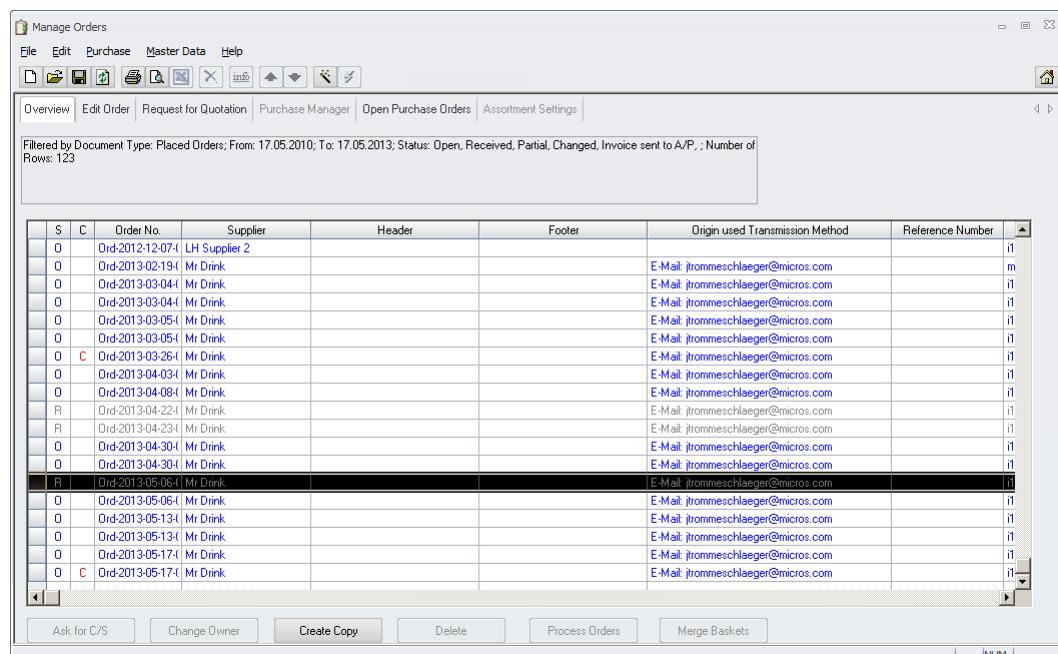
## 9) Purchase Orders > Baskets out of placed Orders

A new function was added to allow the creation of order baskets based on placed orders.

Go to Purchase > Purchase Orders and open the Search Dialog:



Select “Placed Orders”, define the required time frame and click **OK** to confirm.

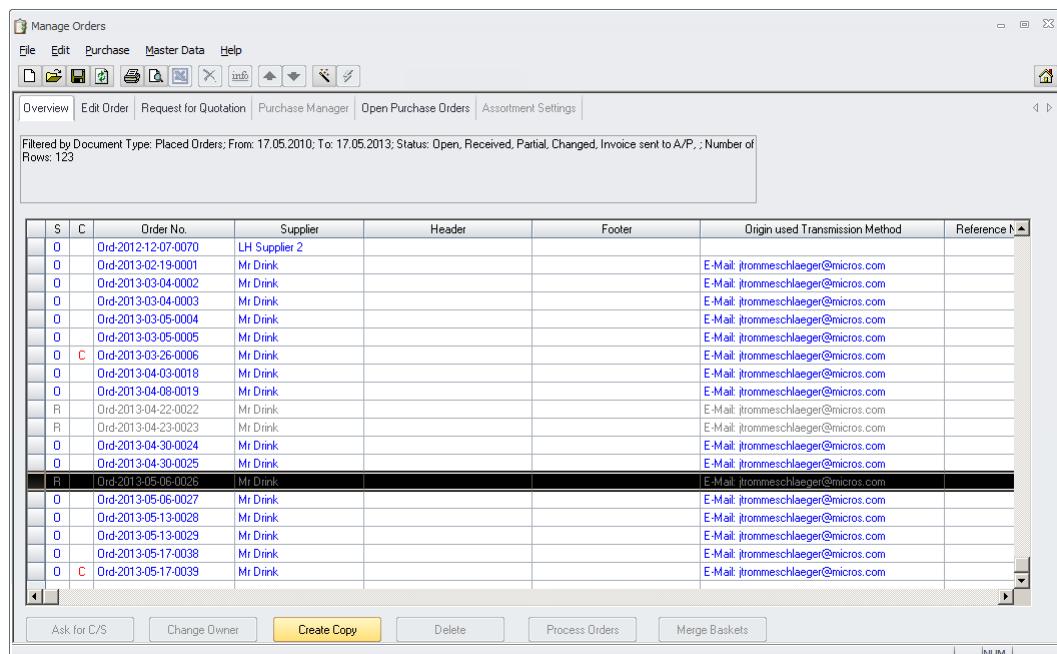


The system now shows all placed orders in the selected time frame. To preview just mark one order and click on the  icon in the toolbar.

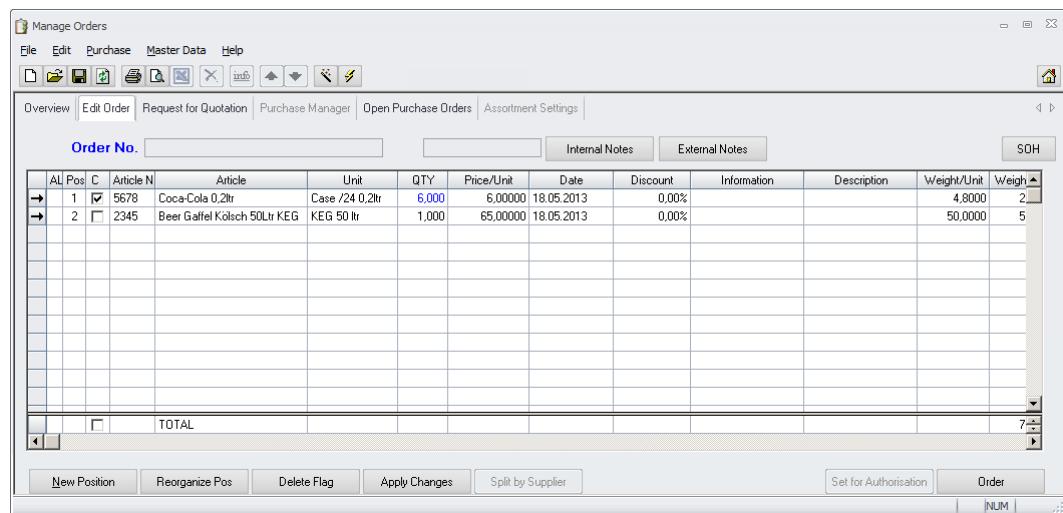


The system will now show the order data for the selected record.

At the bottom of the Paced Order screen a new button was added:



Using this button **Create Copy** the system will now generate a new Order Basket based on the previously marked Purchase Order.



This basket will use the same articles quantities and units as used in the origin order.

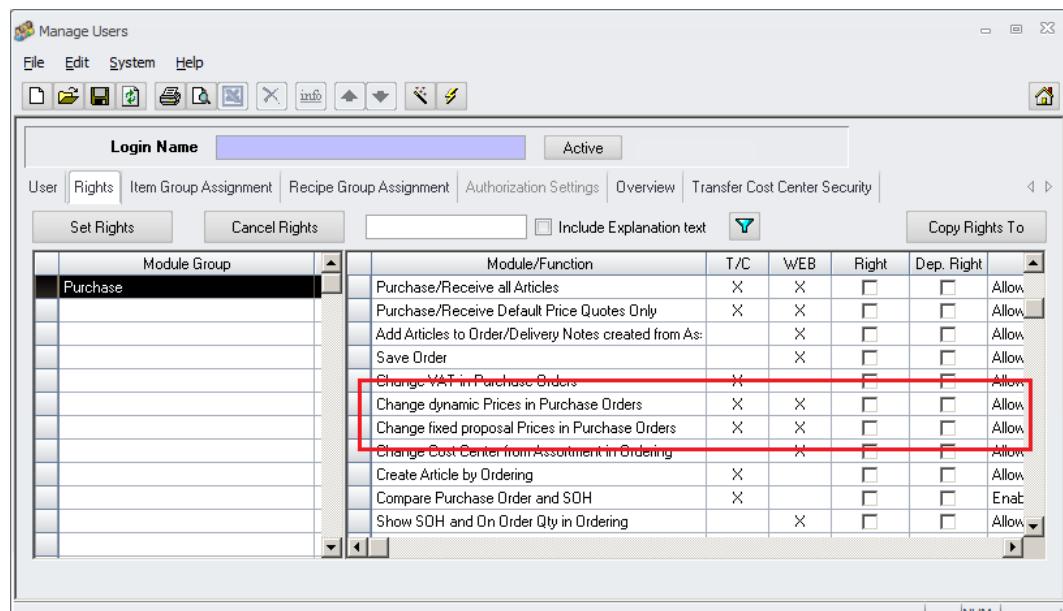
**NOTE:**

- If the user is configured to use Item Group filtering, articles outside these filters will not be added to the new Order Basket.
- Price quotes used in the origin order, but deactivated meanwhile, will also not be selected.
- The system will use the current valid prices.
- Authorization will also be considered if activated

## 10) Purchase Orders > Change Prices in PO

The former user right "Change Prices in Purchase Orders" was now replaced by two new rights in order to differentiate between dynamic and fixed proposal prices.

This allows to control e.g. that a user is allowed to change dynamic prices, but not allowed to change fixed proposal prices.

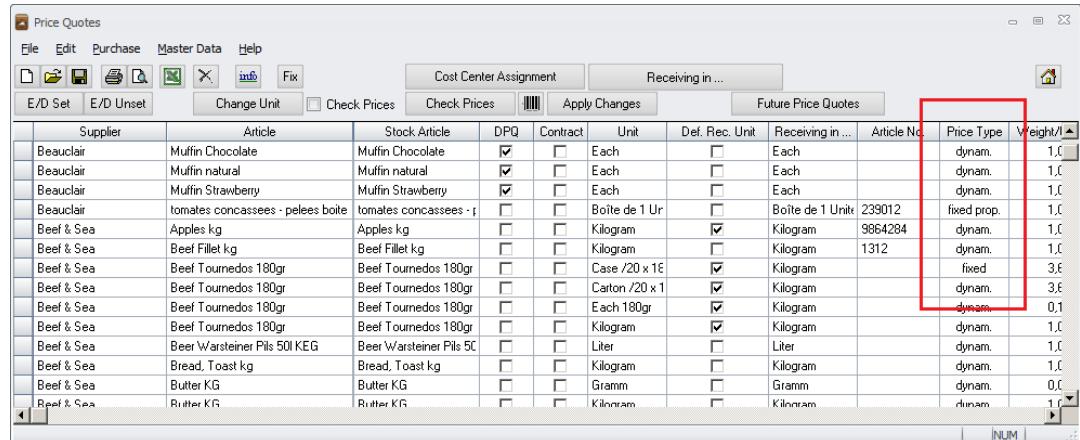


The new rights are named as follows:

- Change dynamic Prices in Purchase Orders
- Change fixed proposal Prices in Purchase Orders

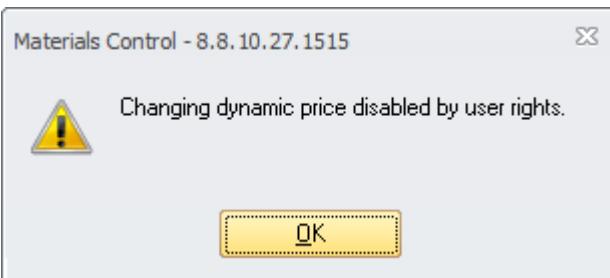
During the update the new rights will be set for all users having the old right "Change Prices in Purchase Orders" before the update. This ensures the same behaviour after the update. Please adjust manually as necessary.

The affected price type is set in the module Price Quotes:

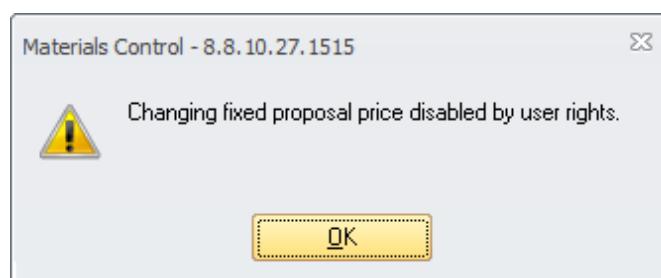


Supplier	Article	Stock Article	DPQ	Contract	Unit	Def. Rec. Unit	Receiving in ...	Article No.	Price Type	Weight/...
Beauclair	Muffin Chocolate	Muffin Chocolate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Each	<input type="checkbox"/>	Each		dynam.	1,0
Beauclair	Muffin natural	Muffin natural	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Each	<input type="checkbox"/>	Each		dynam.	1,0
Beauclair	Muffin Strawberry	Muffin Strawberry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Each	<input type="checkbox"/>	Each		dynam.	1,0
Beauclair	tomates concassées - pelees boite	tomates concassées - p	<input type="checkbox"/>	<input type="checkbox"/>	Boite de 1 Ur	<input type="checkbox"/>	Boite de 1 Unit	239012	fixed prop.	1,0
Beef & Sea	Apples kg	Apples kg	<input type="checkbox"/>	<input type="checkbox"/>	Kilogram	<input checked="" type="checkbox"/>	Kilogram	9864264	dynam.	1,0
Beef & Sea	Beef Fillet kg	Beef Fillet kg	<input type="checkbox"/>	<input type="checkbox"/>	Kilogram	<input type="checkbox"/>	Kilogram	1312	dynam.	1,0
Beef & Sea	Beef Toumedos 180gr	Beef Toumedos 180gr	<input type="checkbox"/>	<input type="checkbox"/>	Case /20 x 1€	<input checked="" type="checkbox"/>	Kilogram		fixed	3,6
Beef & Sea	Beef Toumedos 180gr	Beef Toumedos 180gr	<input type="checkbox"/>	<input type="checkbox"/>	Carton /20 x 1	<input checked="" type="checkbox"/>	Kilogram		dynam.	3,6
Beef & Sea	Beef Toumedos 180gr	Beef Toumedos 180gr	<input type="checkbox"/>	<input type="checkbox"/>	Each 180gr	<input checked="" type="checkbox"/>	Kilogram		dynam.	0,1
Beef & Sea	Beef Toumedos 180gr	Beef Toumedos 180gr	<input type="checkbox"/>	<input type="checkbox"/>	Kilogram	<input checked="" type="checkbox"/>	Kilogram		dynam.	1,0
Beef & Sea	Beer Warsteiner Pils 50l KEG	Beer Warsteiner Pils 5C	<input type="checkbox"/>	<input type="checkbox"/>	Liter	<input type="checkbox"/>	Liter		dynam.	1,0
Beef & Sea	Bread, Toast kg	Bread, Toast kg	<input type="checkbox"/>	<input type="checkbox"/>	Kilogram	<input type="checkbox"/>	Kilogram		dynam.	1,0
Beef & Sea	Butter KG	Butter KG	<input type="checkbox"/>	<input type="checkbox"/>	Gramm	<input type="checkbox"/>	Gramm		dynam.	0,0
Beef & Sea	Butter KG	Butter KG	<input type="checkbox"/>	<input type="checkbox"/>	Kilogram	<input type="checkbox"/>	Kilogram		dynam.	1,0

Depending on the given rights the user may see the following messages if he tries to change the prices:

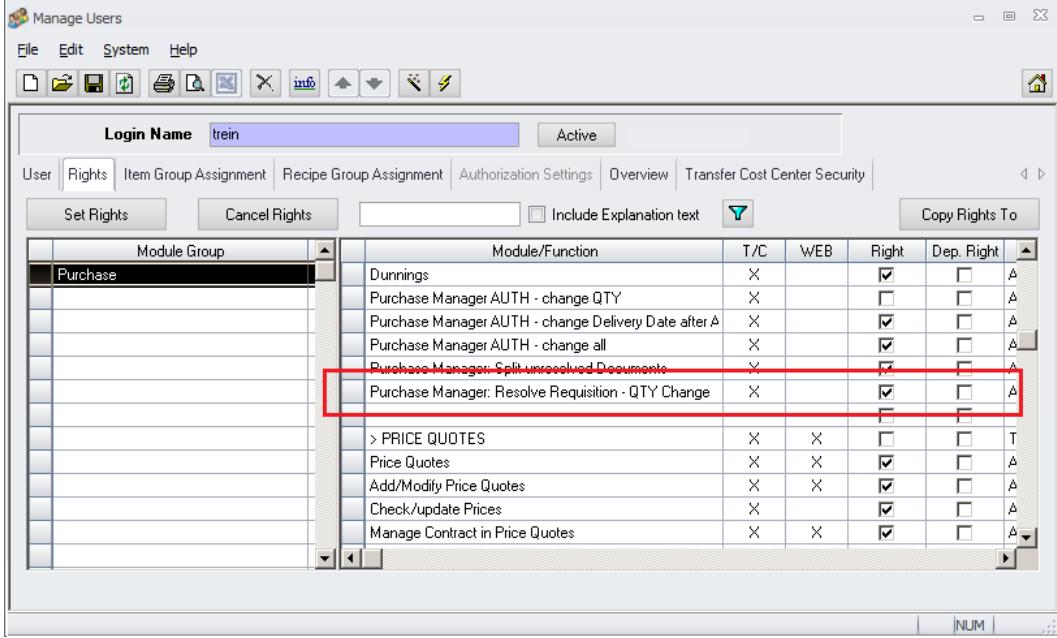


or:



## 11) Purchase Manager > Requisition QTY Change

A new user right was added to the Resolve Requisition module.



Module Group	Module/Function	T/C	WEB	Right	Dep. Right
Purchase	Dunnings	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Purchase Manager AUTH - change QTY	X		<input type="checkbox"/>	<input type="checkbox"/>
	Purchase Manager AUTH - change Delivery Date after A	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Purchase Manager AUTH - change all	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Purchase Manager: Split unresolved Documents	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Purchase Manager: Resolve Requisition - QTY Change	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
> PRICE QUOTES					
	Price Quotes	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Add/Modify Price Quotes	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Check/update Prices	X		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Manage Contract in Price Quotes	X	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**User Right**

Module Group: Purchase

Module/Function: Purchase Manager: Resolve Requisition - QTY Change

Right

Dep. Right

Explanation: Allows the Purchase Manager to change requested QTYs in Resolve Requisitions module

**OK**

This right will control the accessibility of the QTY field when resolving Requisitions.

Resolve Requisitions

Request No.	Cost Center/Store	Assigned to Bu	Number of Pos	Min. Delivery Date	Max. Delivery Date	User	Department	Creation Date
i10-01554	Club		1	12.05.2010	12.05.2010	anselm	Purchasing	07.05.10 12:31:13
i11-01588	Club		2	12.02.2011	12.02.2011	anselm	Purchasing	07.02.11 13:51:32
i11-01588	Main Kitchen		1	12.02.2011	12.02.2011	anselm	Purchasing	07.02.11 13:51:32
i12-01823	Main Kitchen		1	05.02.2012	05.02.2012	anselm	Purchasing	31.01.12 10:37:16
i12-01860	Anselms Bar		1	12.05.2012	12.05.2012	anselm	Purchasing	07.05.12 12:40:06
i12-01880	Club		1	12.05.2012	12.05.2012	anselm	Purchasing	07.05.12 12:40:06
i12-01887	Club		1	06.08.2012	06.08.2012	anselm	Purchasing	01.08.12 12:36:50
i13-02073 (anselm)	Club		1	19.05.2013	19.05.2013	anselm	Purchasing	14.05.13 09:25:26
i13-02085	Club		1	28.05.2013	28.05.2013	anselm	Purchasing	23.05.13 13:51:39
i13-02121 (anselm)	Club		1	20.08.2013	20.08.2013	anselm	Purchasing	15.08.13 11:06:28

Request No:

Show User  Show Department  Show Cost Center/Store  Show Creation Date

AL Pos C Request No. Requested QTY Article No. Article QTY Unit \* Date Price/Unit Discount 2nd Discount Weight Cost Center/Store Pric

AL	Pos	C	Request No.	Requested QTY	Article No.	Article	QTY	Unit	*	Date	Price/Unit	Discount	2nd Discount	Weight	Cost Center/Store	Pric
✓	1	✓	i12-01860	1.000	5678	Coca-Cola 0	1	Ces		12.05.2012	6.25000	0,00%	0,00%	4.8000	Club	
✓	2	✓	i12-01860	5.000	5678	Coca-Cola 0	5.000	Ces		12.05.2012	6.25000	0,00%	0,00%	24.0000	Anselms Bar	
✓	1	✓	i12-01887	6.000	170420	Beer Erdinke	6.000	Ces		06.08.2012	19.39000	0,00%	0,00%	21.8000	Club	
✓	1	✓	i13-02073 (an	3.000	5678	Coca-Cola 0	3.000	Ces		19.05.2013	6.00000	0,00%	0,00%	14.4000	Club	

TOTAL: 35.0000

- If the user right is set, the field is editable
- If the user right is not set, the field is not editable.

## 12) Purchase Manager > Requisition Time Stamp

The screen Resolve Requisitions was enhanced.

Resolve Requisitions

Request No.	Cost Center/Store	Assigned to Bu	Number of Pos	Min. Delivery Date	Max. Delivery Date	User	Department	Creation Date
i10-01554	Club		1	12.05.2010	12.05.2010	anselm	Purchasing	07.05.10 12:31:13
i11-01588	Club		2	12.02.2011	12.02.2011	anselm	Purchasing	07.02.11 13:51:32
i11-01588	Main Kitchen		1	12.02.2011	12.02.2011	anselm	Purchasing	07.02.11 13:51:32
i12-01823	Main Kitchen		1	05.02.2012	05.02.2012	anselm	Purchasing	31.01.12 10:37:16
i12-01860	Anselms Bar		1	12.05.2012	12.05.2012	anselm	Purchasing	07.05.12 12:40:06
i12-01860	Club		1	12.05.2012	12.05.2012	anselm	Purchasing	07.05.12 12:40:06
i12-01887	Club		1	06.08.2012	06.08.2012	anselm	Purchasing	01.08.12 12:36:50
i13-02073 (anselm)	Club		1	19.05.2013	19.05.2013	anselm	Purchasing	14.05.13 09:25:26
i13-02085	Club		1	28.05.2013	28.05.2013	anselm	Purchasing	23.05.13 13:51:39

Request No:

Show User  Show Department  Show Cost Center/Store  Show Creation Date

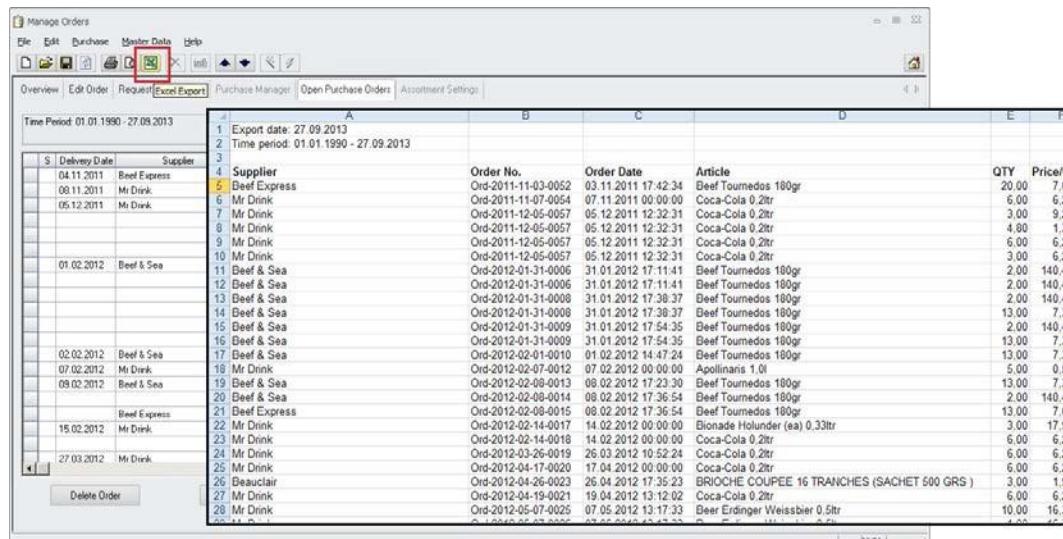
AL Pos C Request No. Article No. Article QTY Date Price/Unit Unit \* Discount 2nd Discou Weight/Unit Discou Supplier Base U

AL	Pos	C	Request No.	Article No.	Article	QTY	Date	Price/Unit	Unit	*	Discount	2nd Discou	Weight/Unit	Discou	Supplier	Base U
----	-----	---	-------------	-------------	---------	-----	------	------------	------	---	----------	------------	-------------	--------	----------	--------

The column Creation Date now shows the time stamp as well. In former versions the date only was shown.

### 13) Open Orders > Excel Export added

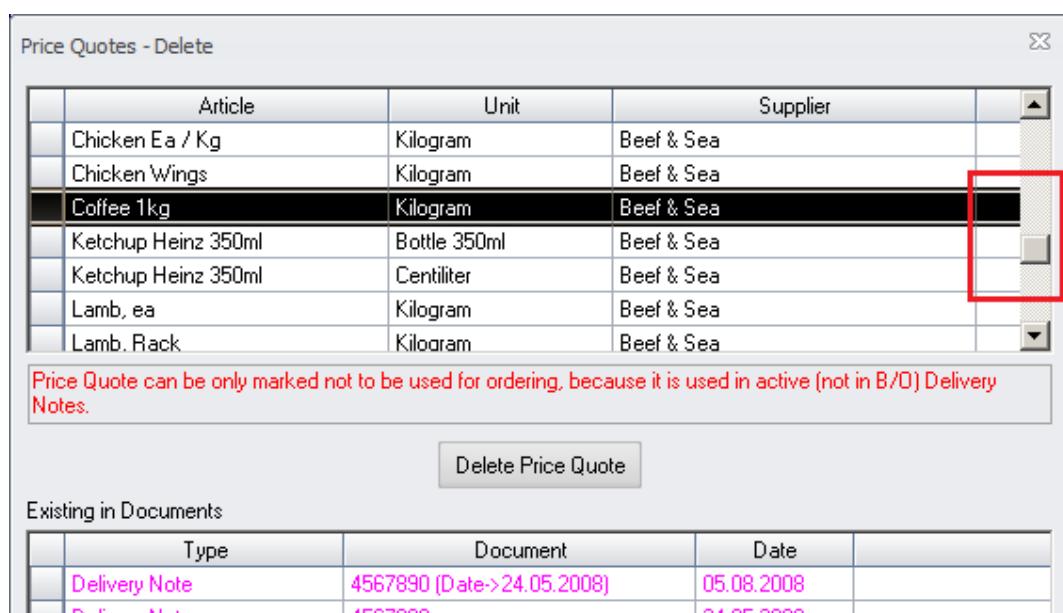
The tab Open Purchase Orders in module Purchase Orders now offers an export to Excel as well.



S	Delivery Date	Supplier	Order No.	Order Date	Article	QTY	Price/L
04.11.2011	Beef Express	Ord-2011-11-03-0052	03.11.2011 00:42:34	Beef Tournedos 180gr	20.00	7.0	
08.11.2011	Mr. Drink	Ord-2011-11-07-0054	07.11.2011 00:00:00	Coca-Cola 0.2lt	5.00	6.2	
05.12.2011	Mr. Drink	Ord-2011-12-05-0057	05.12.2011 12:32:31	Coca-Cola 0.2lt	3.00	9.2	
		Ord-2011-12-05-0057	05.12.2011 12:32:31	Coca-Cola 0.2lt	4.00	1.3	
		Ord-2011-12-05-0057	05.12.2011 12:32:31	Coca-Cola 0.2lt	6.00	6.2	
		Ord-2011-12-05-0057	05.12.2011 12:32:31	Coca-Cola 0.2lt	3.00	6.2	
01.02.2012	Beef & Sea	Ord-2012-01-31-0006	31.01.2012 17:11:41	Beef Tournedos 180gr	2.00	140.4	
		Ord-2012-01-31-0006	31.01.2012 17:11:41	Beef Tournedos 180gr	2.00	140.4	
		Ord-2012-01-31-0008	31.01.2012 17:38:37	Beef Tournedos 180gr	2.00	140.4	
		Ord-2012-01-31-0008	31.01.2012 17:38:37	Beef Tournedos 180gr	13.00	7.3	
		Ord-2012-01-31-0009	31.01.2012 17:54:35	Beef Tournedos 180gr	2.00	140.4	
		Ord-2012-01-31-0009	31.01.2012 17:54:35	Beef Tournedos 180gr	13.00	7.3	
		Ord-2012-01-31-0009	31.01.2012 17:54:35	Beef Tournedos 180gr	13.00	7.3	
02.02.2012	Beef & Sea	Ord-2012-02-01-0010	01.02.2012 14:47:24	Beef Tournedos 180gr	13.00	7.3	
07.02.2012	Mr. Drink	Ord-2012-02-07-0012	07.02.2012 00:00:00	Apollinaris 1.0l	5.00	0.5	
09.02.2012	Beef & Sea	Ord-2012-02-09-0013	08.02.2012 17:23:30	Beef Tournedos 180gr	13.00	7.3	
		Ord-2012-02-09-0014	08.02.2012 17:36:54	Beef Tournedos 180gr	2.00	140.4	
		Ord-2012-02-09-0015	08.02.2012 17:36:54	Beef Tournedos 180gr	13.00	7.3	
15.02.2012	Mr. Drink	Ord-2012-02-14-0017	14.02.2012 00:00:00	Blonde Hollander (ea) 0.33ltr	3.00	17.9	
		Ord-2012-02-14-0018	14.02.2012 00:00:00	Coca-Cola 0.2lt	6.00	6.2	
		Ord-2012-03-01-0019	26.03.2012 10:52:24	Coca-Cola 0.2lt	6.00	6.2	
		Ord-2012-04-17-0020	17.04.2012 00:00:00	Coca-Cola 0.2lt	6.00	6.2	
		Ord-2012-04-26-0023	26.04.2012 17:35:23	BRIOCHE COUPEE 16 TRANCHES (SACHET 500 GRS )	3.00	1.9	
		Ord-2012-04-19-0021	19.04.2012 13:12:02	Coca-Cola 0.2lt	6.00	6.2	
		Ord-2012-05-07-0025	07.05.2012 13:17:33	Beer Erdinger Weissbier 0.5lt	10.00	16.3	
		Ord-2012-05-07-0025	07.05.2012 13:17:33	Beer Erdinger Weissbier 0.5lt	10.00	16.3	

### 14) Price Quotes > Cursor Positioning

When deleting multiple Price Quotes ...



Price Quotes - Delete

Price Quote can be only marked not to be used for ordering, because it is used in active (not in B/O) Delivery Notes.

Delete Price Quote

Type	Document	Date
Delivery Note	4567890 (Date->24.05.2008)	05.08.2008
Delivery Note	4567890	24.05.2008

... the cursor now is not set back to the top of the list, but goes to the next position instead.

## 15) Price Quotes > Assignment to Cost Centers

A new feature was added to restrict the availability of Price Quotes in Cost Centers.

Cost Center Assignment													
E/D Set		E/D Unit		Change Unit		Check Prices		Receiving in...		Future Price Quotes			
Supplier	Article	Stock Article	Price Type	Unit	Weight/Unit	Article No.	E/D	CC Assignment	DPO	Receiving in BU	Receiving in...	CC	
Asia Food Supermarket	Coconut Milk Windmill Cans 400ml	Coconut Milk Windmill Cans 400ml	fixed	Can 400ml	0.4000						Can 400ml		
Bamboo Spirits	Amaroletto Di Saronno 70cl	Amaroletto									Bottle 0,7l		
Bamboo Spirits	Ausbach Brandy 70cl	Ausbach									Liter		
Bamboo Spirits	CALV'PERE MAGLIOIRE VSOP 70	CALV'PERE									Each		
Bamboo Spirits	CALV'PERE MAGLIOIRE XO 70CL	CALV'PERE									Each		
Bamboo Spirits	J.W. Black Label	J.W. Black									Bottle 0,7l		
Bamboo Spirits	Jack Daniels	Jack Daniels									Bottle 0,7l		
Bamboo Spirits	Jack Daniels	Jack Daniels									Bottle 0,79		
Bamboo Spirits	Jim Beam Whiskey	Jim Beam									Bottle 0,7l		
Bamboo Spirits	Shipment	Shipment									Each		
Bateel	Baked Dates, natural	Bateel D.									Kilogram		
Beauclair	BRIOCHE COUPEE 16 TRANCHE	BRIOCHE									Sac de 0,5 Kilogramme		
Beauclair	Gateau de ric parfum vanille ete de	Gateau de									Kilogram		
Beauclair	Muffin Blueberry	Muffin Bl									Each		
Beauclair	Muffin Cheese	Muffin Ch									Each		
Beauclair	Muffin Chocolate	Muffin Ch									Each		
Beauclair	Muffin natural	Muffin n									Each		
Beauclair	Muffin Snowberry	Muffin St									Each		
Beauclair	tomates concassées - pelées boîte	tomates c									Bouteille 1 Unité		
Beef & Sea	Apples kg	Apples kg									Kilogram		
Beef & Sea	Beef Fillet kg	Beef File									Kilogram		
Beef & Sea	Beef Toumedos 100gr	Beef Tou									Kilogram		
Beef & Sea	Beef Toumedos 100gr	Beef Tou									Kilogram		
Beef & Sea	Beef Toumedos 100gr	Beef Tou									Kilogram		
Beef & Sea	Beef Toumedos 180gr	Beef Tou									Kilogram		
Beef & Sea	Beer Warsteiner Pils 50L KEG	Beer Warsteiner Pils 50L KEG	dymn.	Liter	1.0000						Liter		
Beef & Sea	Bread. Toast kg	Bread. Toast kg	dymn.	Kilogram	1.0000						Kilogram		

As a result of this users who are allowed to use Price Quotes only in Purchase Orders will be able to use assigned/released Price Quotes only.

For further details please see the new manual  
“144 MC Purchase Price Quote Assignment”.

## 16) Price Quotes > Last Price Information

The Last Price Update information was enhanced. In addition to the column Last Price Update now two more columns are shown:

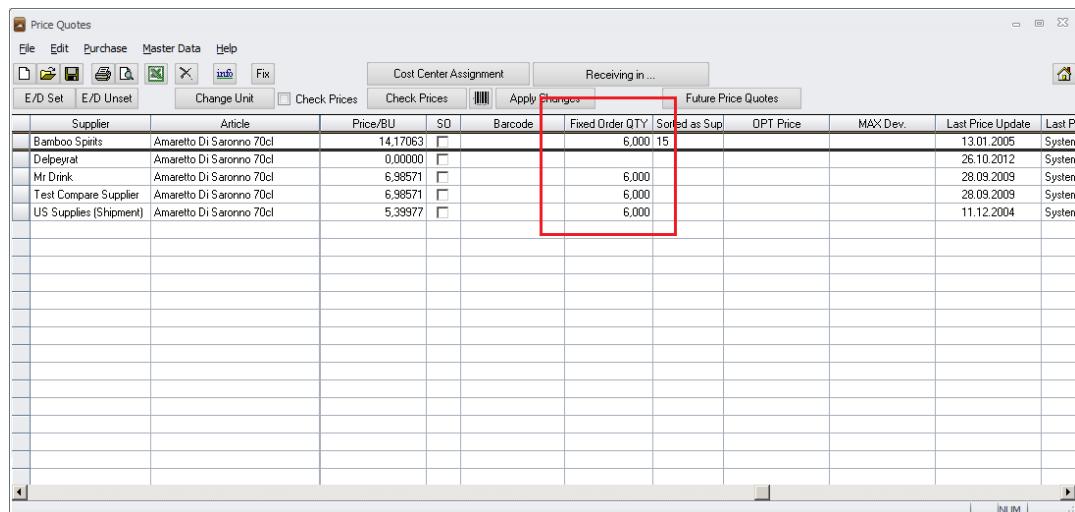
Cost Center Assignment									Receiving in ...				
E/D Set		E/D Unsel		Change Unit		Check Prices		Check Prices		Apply Changes		Future Price Quotes	
Supplier	Article	Stock Article	Last Price Update	Last Price Update by	Last Price Update via	Unit	Def. Rec. Unit	Receiving					
Beef & Sea	Chicken (DRU)	Chicken Ea / Kg	25.09.2013	SystemAdministrator	MAN	Box 5kg	<input type="checkbox"/>	Box 5kg					
Beef & Sea	Chicken Ea / Kg	Chicken Ea / Kg	24.09.2013	SystemAdministrator	MAN	Box 5kg	<input checked="" type="checkbox"/>	Each 180g					
Beef & Sea	Chicken Ea / Kg	Chicken Ea / Kg	21.05.2013	SystemAdministrator	REC	Kilogram	<input checked="" type="checkbox"/>	Kilogram					
Beef Express	Chicken (DRU)	Chicken Ea / Kg	25.09.2013	SystemAdministrator	MAN	Box 5kg	<input checked="" type="checkbox"/>	Kilogram					
Beef Express	Chicken Ea / Kg	Chicken Ea / Kg	29.01.2004	SystemAdministrator	MAN	Kilogram	<input checked="" type="checkbox"/>	Kilogram					
Danzas AEI Emirates LLL	Chicken Ea / Kg	Chicken Ea / Kg	22.07.2004	SystemAdministrator	MAN	Kilogram	<input checked="" type="checkbox"/>	Kilogram					
Kerswil Beer Import	Chicken Ea / Kg	Chicken Ea / Kg	04.06.2008	SystemAdministrator	MAN	Kilogram	<input checked="" type="checkbox"/>	Kilogram					
Mr. Drink	Chicken Ea / Kg	Chicken Ea / Kg	09.06.2011	SystemAdministrator	MAN	Kilogram	<input checked="" type="checkbox"/>	Kilogram					
Test Compare Supplier	Chicken Ea / Kg	Chicken Ea / Kg	11.08.2009	SystemAdministrator	MAN	Kilogram	<input checked="" type="checkbox"/>	Kilogram					
US Supplies (Shipment)	Chicken Ea / Kg	Chicken Ea / Kg	28.05.2004	SystemAdministrator	MAN	Kilogram	<input checked="" type="checkbox"/>	Kilogram					

- Last Price Update: shows the date of the last price update
- Last Price Update by: shows the user who did the last price update

- Last Price Update via: shows the method how the price was updated
  - MAN = Manual Update in module Price Quotes
  - REC = Update through Receiving
  - CAT = Update through Catalogue Import in B2B

## 17) Price Quotes > Fixed Order QTY Rounding

A new parameter was added to control the rounding behaviour for Price Quotes using Fixed Order QTY.

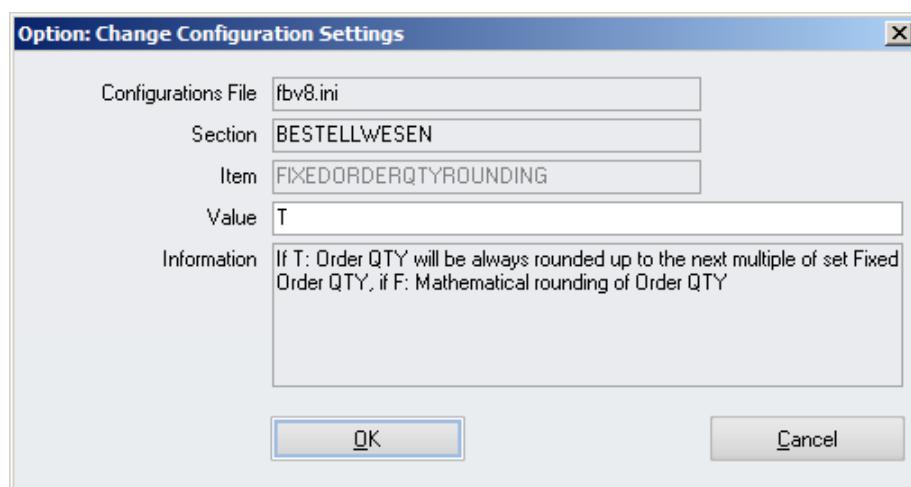


As default behaviour the application will use the standard “rounding to integer” procedure for the entered order QTY.

- If a user enters a QTY of e.g. 1, 2 or 3 -> round to 6
- If a user enters a QTY of e.g. 7, 8 or 9 -> round to 6
- If a user enters a QTY of e.g. 10 -> round to 12
- If a user enters a QTY of e.g. 13 -> round to 12

This rounding may cause insufficient QTYs if the user does not take care of this.

The new parameter `FixedOrderQTYRounding` allows to change the behaviour to always round up to the next multiple of the fixed order QTY.



- If blank or F: Standard behaviour, normal rounding up and down.
- If T: The application will always round up to the next multiple:
  - If a user enters a QTY of e.g. 1, 2 or 3 -> round to 6
  - If a user enters a QTY of e.g. 7, 8 or 9 -> round to 12
  - If a user enters a QTY of e.g. 13 -> round to 18

## 18) Price Quotes > PQ Replacement

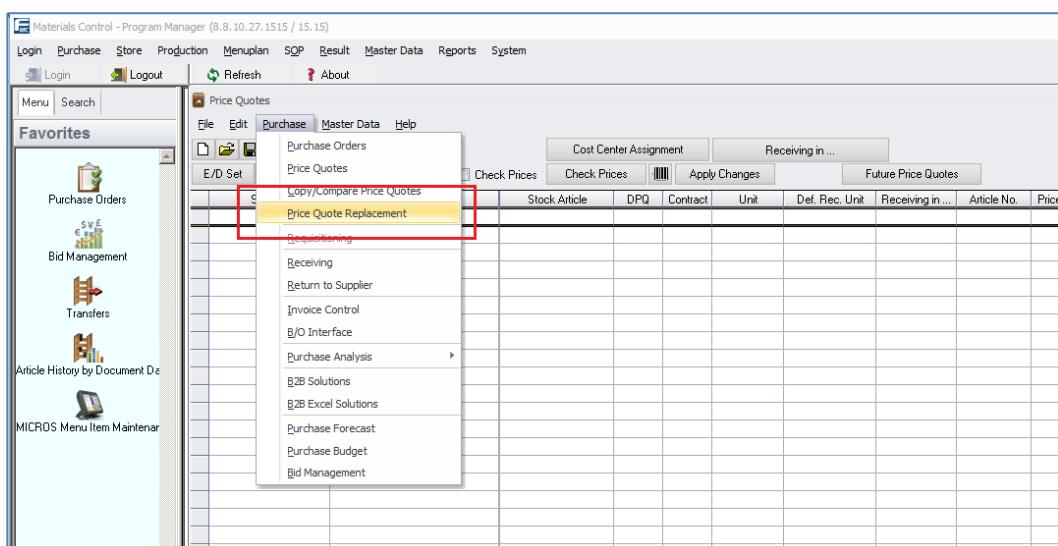
A new module was added to search and replace Price Quotes in Assortments and Baskets. The module can be found in the Purchase sub menu of any Purchase module.

In order to use this module the user needs to have one of the two the rights ...

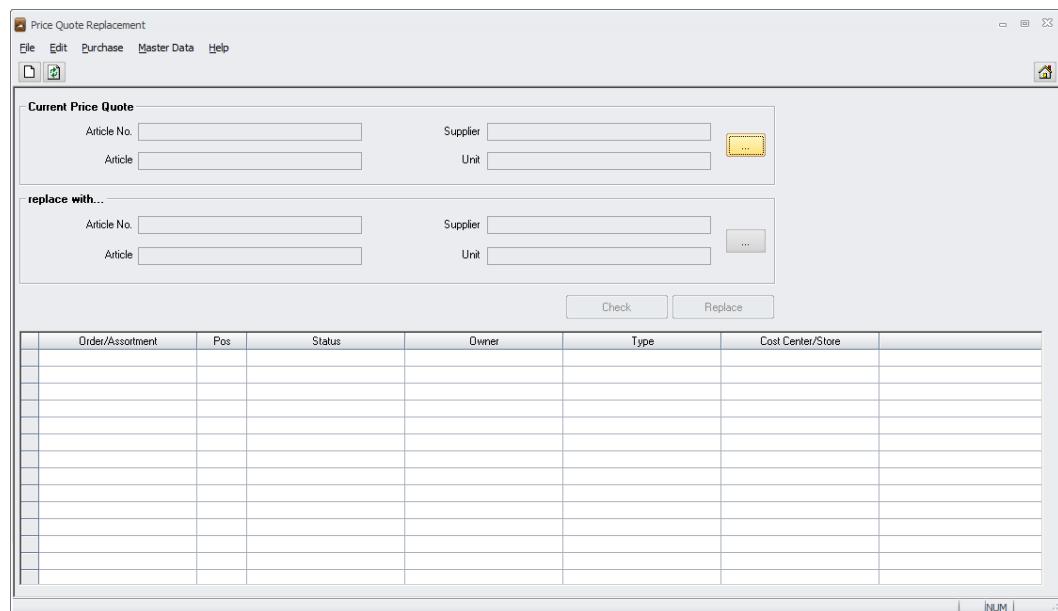
- Create/Modify/Delete Free Assortments
- Manage Corporate Assortments

... activated. Otherwise the final function to replace the Quotes will not be available.

Open e.g. Price Quotes and from there the Price Quote Replacement could be accessed from the Purchase sub menu:



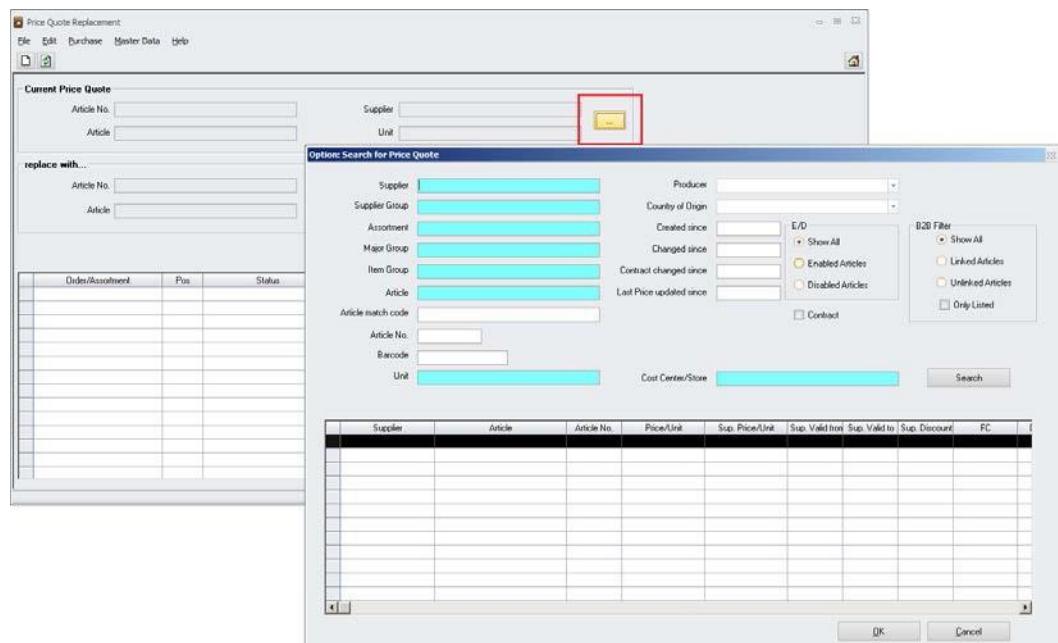
The main selection screen is opened:



The main steps to replace a Price Quote are:

- Select used Price Quote
- Select new Price Quote
- Select documents and check
- Select documents and replace

Click on the button  to open the Search screen:



This screen allows to search now, by using various criteria, for the price quote to be replaced. Once entered, use the button  to list the matching Quotes:

Option: Search for Price Quote

Supplier	<input type="text"/>	Producer	<input type="text"/>
Supplier Group	<input type="text"/>	Country of Origin	<input type="text"/>
Assortment	<input type="text"/>	Created since	<input type="text"/>
Major Group	<input type="text"/>	Changed since	<input type="text"/>
Item Group	<input type="text"/>	Contract changed since	<input type="text"/>
Article	<input type="text" value="Test Item"/>	Last Price updated since	<input type="text"/>
Article match code	<input type="text"/>	<input type="checkbox"/> Contract <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">           B2B Filter             <input checked="" type="radio"/> Show All             <input type="radio"/> Enabled Articles             <input type="radio"/> Disabled Articles             <input type="checkbox"/> Only Listed         </div>	
Article No.	<input type="text"/>	<input type="button" value="Search"/>	
Barcode	<input type="text"/>		
Unit	<input type="text"/>	Cost Center/Store	<input type="text"/>

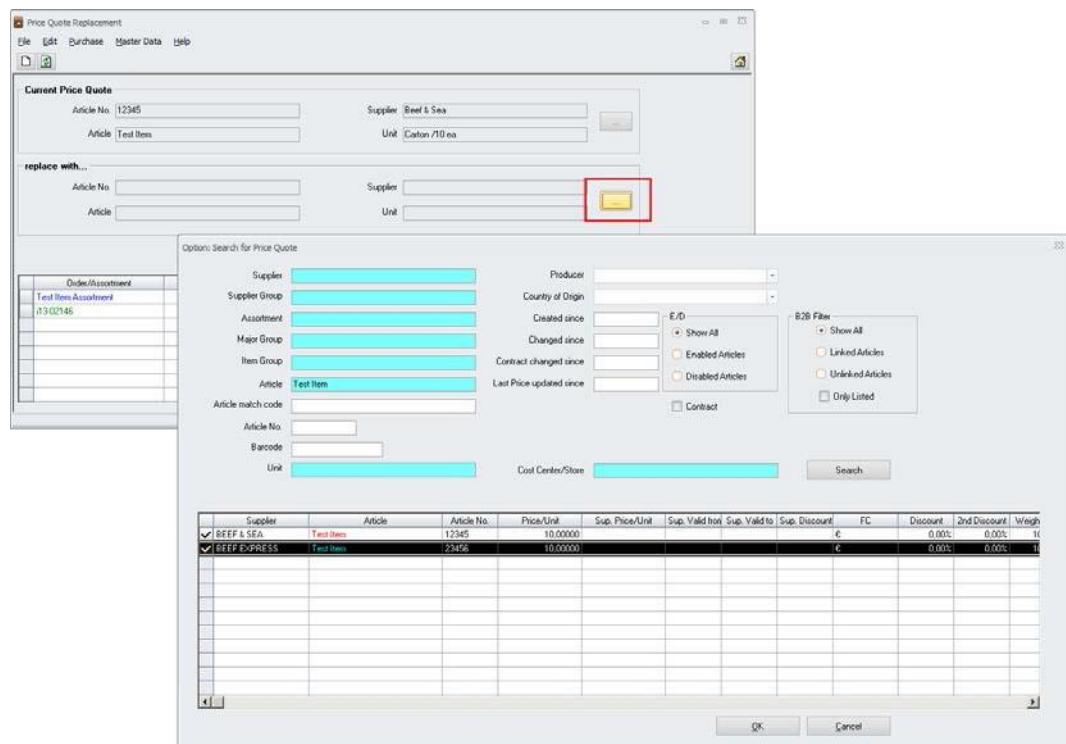
The Article name is shown in red, if it is not linked via B2B. This is for information only, but does not have any further influence on the described functionality.

Mark the Price Quote to be replaced and press **OK**

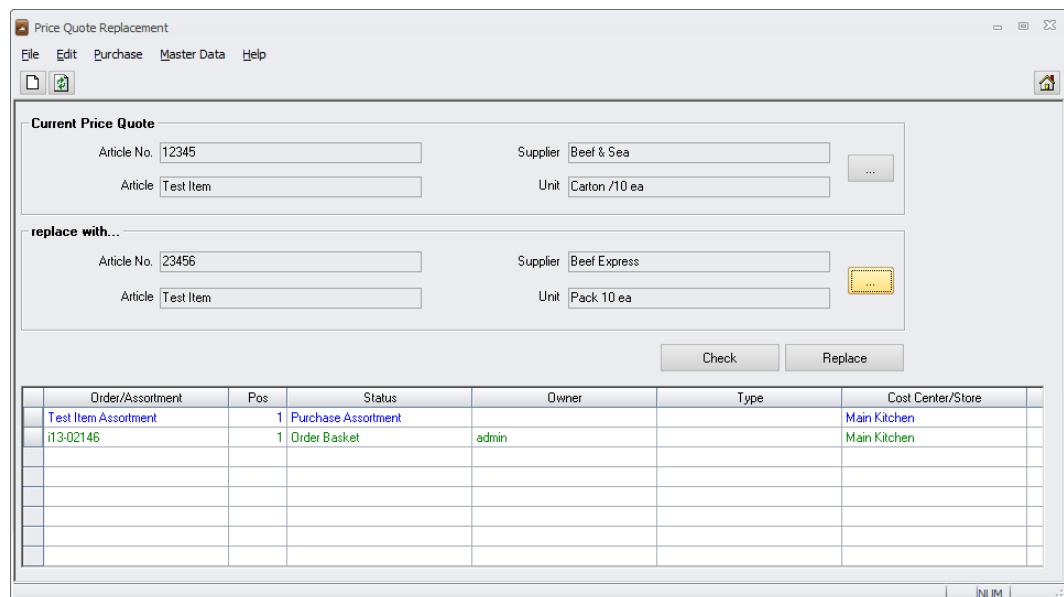
The selected Price Quote is now inserted in the section "Current Price Quote" and the grid shows all related documents:

- Assortments are listed in blue
- Order Baskets are listed in green

As next step now select the new price quote which should replace the first selected one:



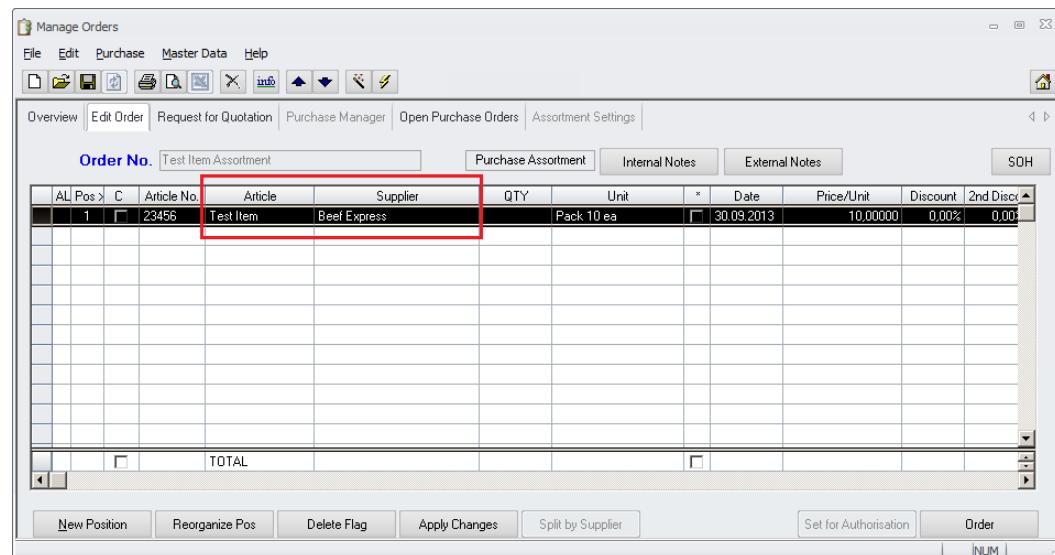
The selected Price Quote is now shown in the section “replace with ...”:



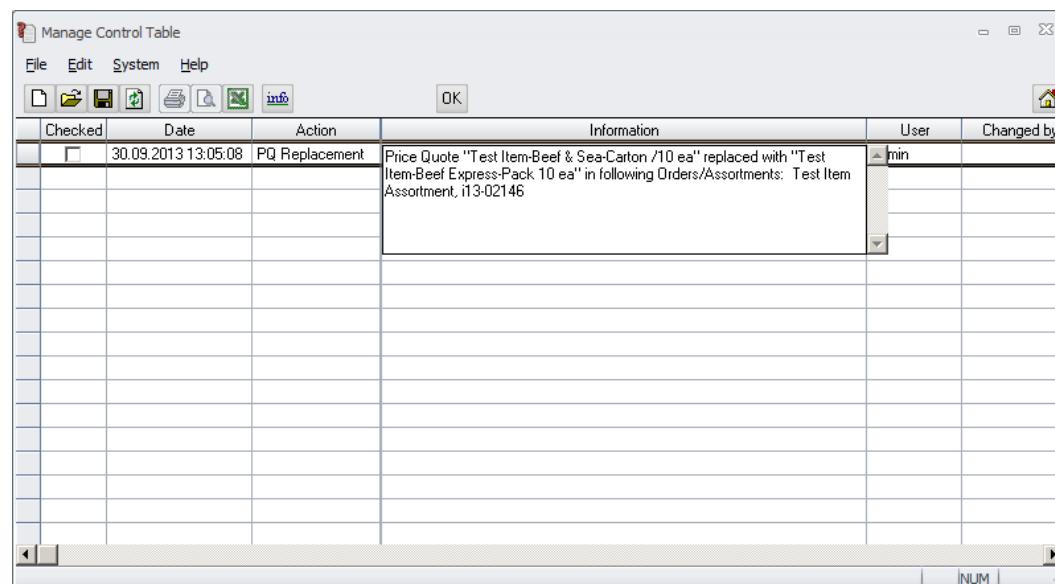
As next step it needs to be checked if the current Price Quote could be replaced with the new one. Mark the records in the grid and click on **Check**.

Once done the system will unmark all records where the Price Quote cannot be replaced. One reason could be e.g. that the Supplier is not allowed to deliver to the used Cost Center.

To proceed use the button **Replace**. The system will now remove the first selected Quote and add the second selected one:



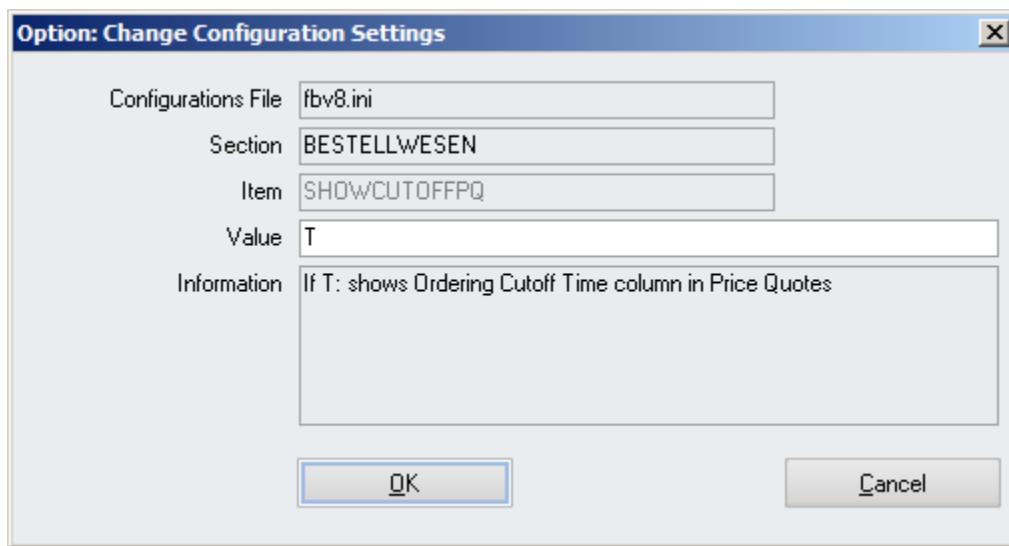
In order to be able to find out who has replaced which records, the system writes a note into the Control Table:



## 19) Price Quotes > Order Cut Off Time

A new function was added to support cut-off time definitions per Price Quote. This function will allow to control that e.g. orders for prepared vegetables could be placed until a defined time only. This is independent of delivery date, but checking the Cut-off time vs. current/ordering time only.

To activate this feature the required parameter must be set at System > Configuration > [Bestellwesen] > ShowCutOffPQ:



- If this is set to T, a new column will become visible in the module Price Quotes and the system will check the cut-off time vs. current/ordering time.

Go to Purchase > Price Quotes and select the quotes where such a cut-off time is/could be required:

A new column, named as “Ordering Cutoff Time”, was added.

Click on the button **Apply Changes** to edit the time:

Apply Changes X

<input type="checkbox"/> Discount	0,00%
<input type="checkbox"/> 2nd Discount	0,00%
<input type="checkbox"/> Set Contract Flag	<input type="checkbox"/> Unset Contract Flag
<input type="checkbox"/> Set Defined Receiving Unit	<input type="checkbox"/> Unset Defined Receiving Unit
<input checked="" type="checkbox"/> Ordering Cutoff Time	15:00
<input type="checkbox"/> Set E/D Flag	<input type="checkbox"/> Unset E/D Flag

Activate the check box and enter the cut-off time.

NOTE: it must be entered in the format HH:MM!

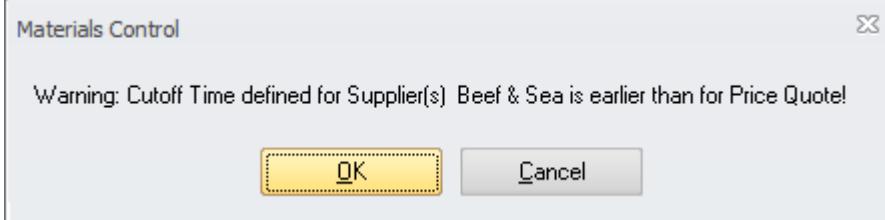
Click **OK** to confirm and the time will be shown in the column in the grid:

To clear a previously defined cut-off time, just open the dialog, activate the checkbox and do not enter a time (blank). After confirmation with **OK** the system will remove the time.

## Save the Price Quotes.

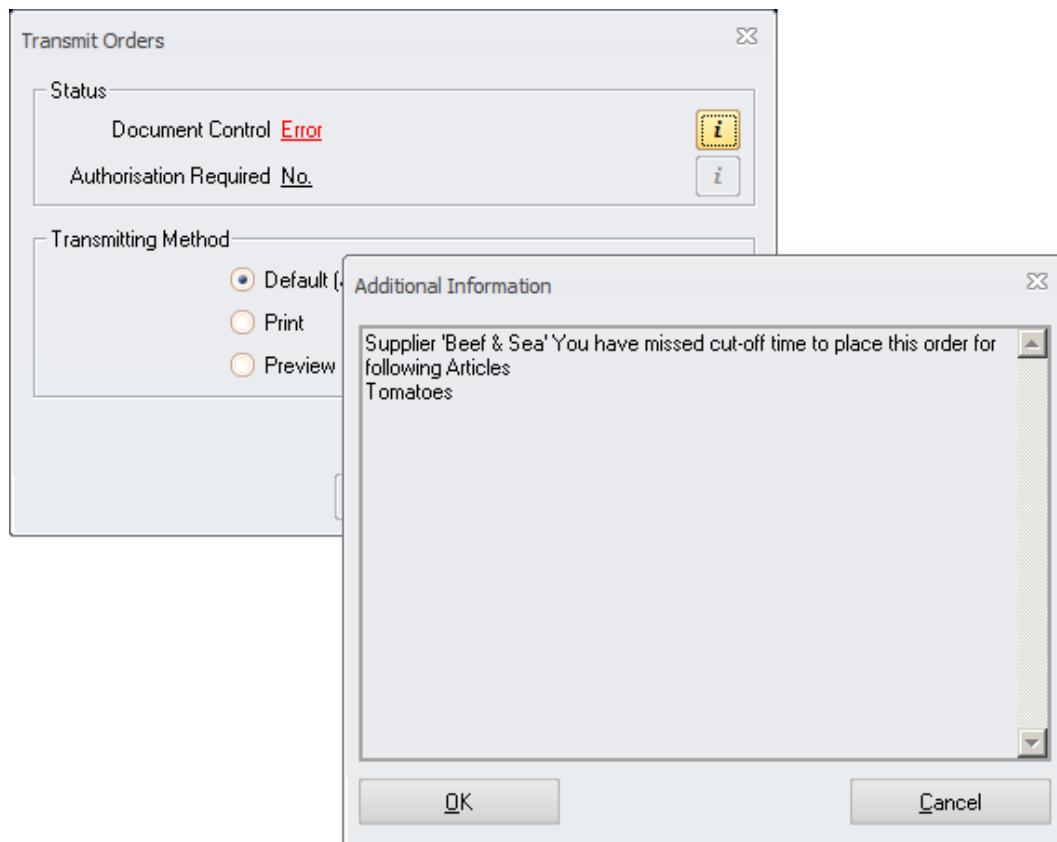
Please keep in mind that the entered cut-off time will overwrite the definition in Supplier Master Data > B2B Ordering.

In case the definition in the supplier settings has an earlier time defined, e.g. 14:00 in this example, a warning message will be shown:



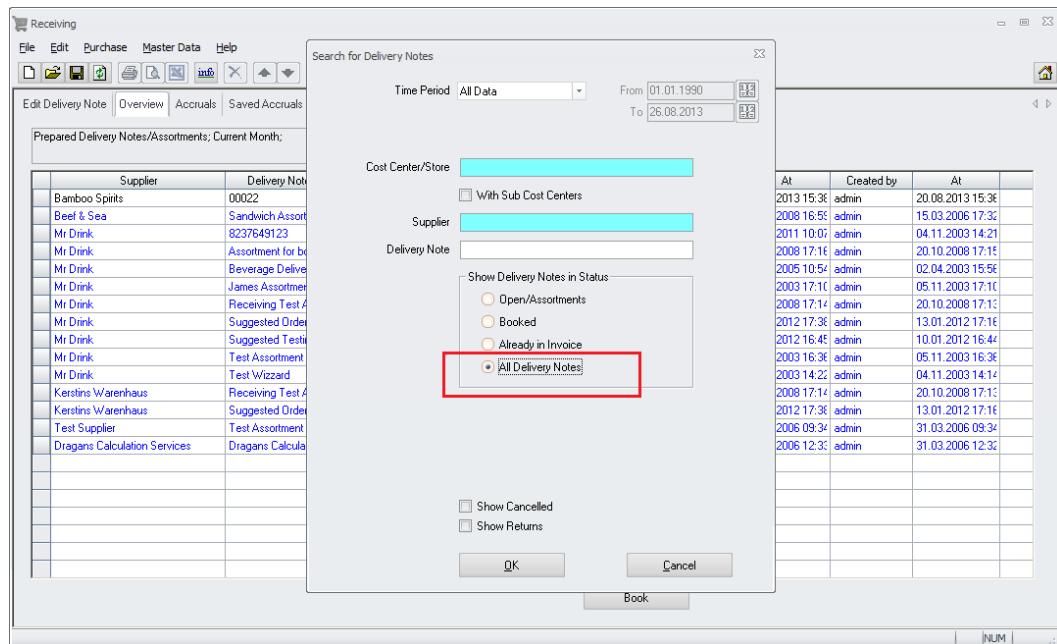
A confirmation with **OK** will accept the time defined in the Price Quote.

When placing an order using this Price Quote the system will check the defined time vs. the current/ordering time. In case of a violation the system will show a warning in the order dialog and the order cannot be processed:



## 20) Receiving > Overview Filters

A new filter was added to the Search dialog in Receiving > Overview:



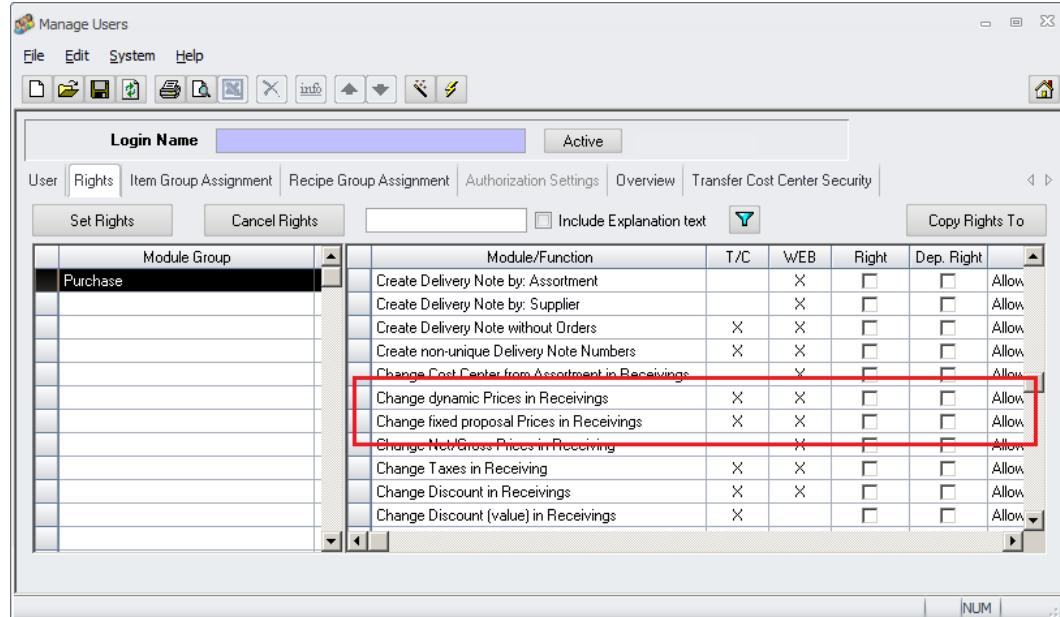
The option “All Delivery Notes” will list all documents, regardless the status (Open, booked or invoiced). Assortments will not be shown.

NOTE: the above shown combination of time range “All Data” and Status Filter “All Delivery Notes” will cause a massive performance issue in most cases!

## 21) Receiving > Change Prices in Delivery Notes

The former user right “Change Prices in Receivings” was now replaced by two new rights in order to differentiate between dynamic and fixed proposal prices.

This allows to control e.g. that a user is allowed to change dynamic prices, but not allowed to change fixed proposal prices.

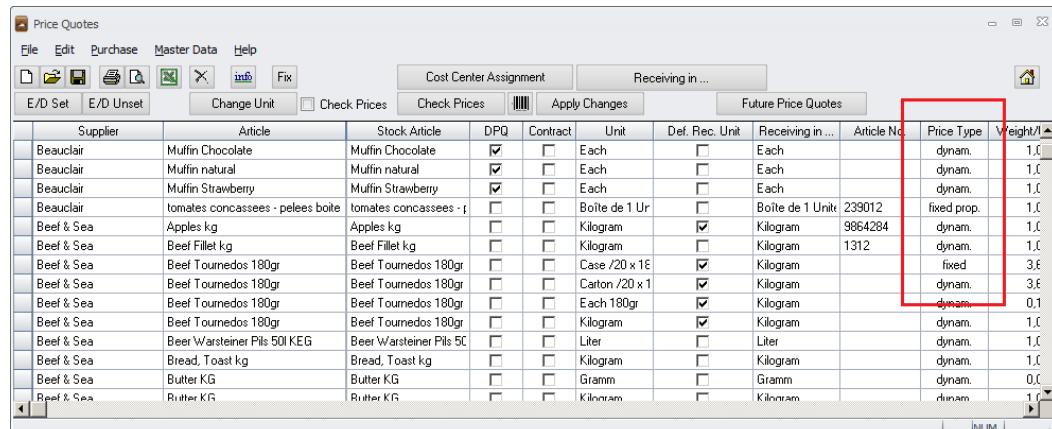


The new rights are named as follows:

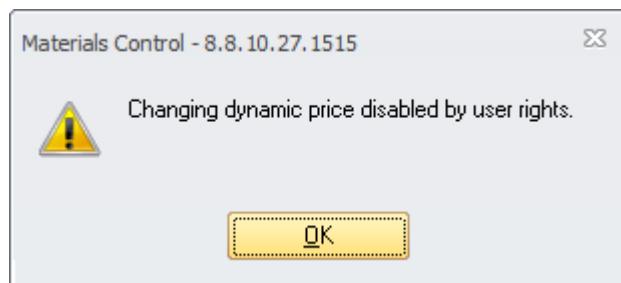
- Change dynamic Prices in Receivings
- Change fixed proposal Prices in Receivings

During the update the new rights will be set for all users having the old right “Change Prices in Purchase Orders” before the update. This ensures the same behaviour after the update. Please adjust manually as necessary.

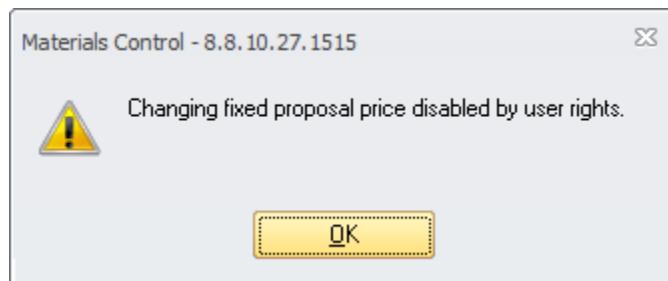
The affected price type is set in the module Price Quotes:



Depending on the given rights the user may see the following messages if he tries to change the prices:



or:



## 22) Receiving > Defined Receiving Unit

The function “Receiving in Base Unit” was enhanced/changed and renamed now to “Defined Receiving Unit”. As already explained in a [separate chapter](#), this function was moved from the main article itself now to the Purchase Articles and Price Quotes.

The main sense of the “old” functionality was to support scenarios like the following:

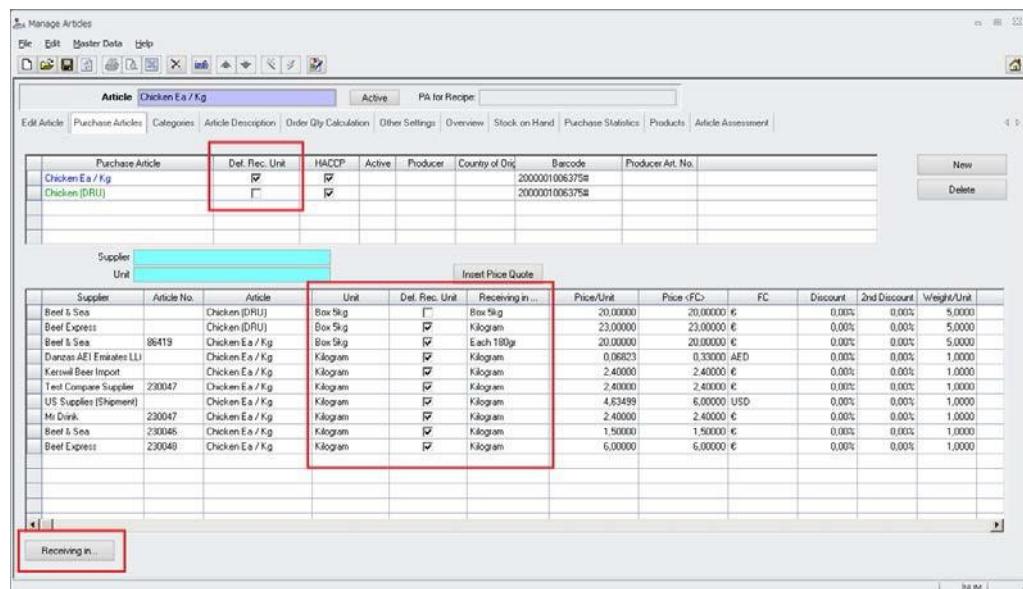
- In the PO an article is ordered in units like e.g. “Case 2,5 kg”
- On the Delivery Note the supplier will mention the QTY in the related base unit “kilogram” only.
- Using the function “Receiving in Base Unit” the system had converted the ordered QTY of 1 Case from the PO in the Delivery Note into 2,5 Kilogram

Functional Adjustments:

- Function renamed from “Receiving in BU” to “Defined Receiving Unit” / “Def. Rec. Unit”.
- Function moved from main Stock Article to Purchase Articles and Price Quotes.
- Function changed to offer now the Base Unit from the main Stock Article as well as all Packing Units linked to the Base Unit.

### Setup in Master Data > Articles:

- Go to Master Data > Articles and select any Stock Article which is/was defined in this way.
- Switch to the tab Purchase Articles:



➤ **Upper Grid:**

Here the Purchase Articles for the selected Stock Article are shown. Already at this level the definition “Defined Receiving Unit” could be set. This check box is linked to the related check box in the bottom grid. A change here will affect all related records in the grid below as well as the check box in the related records will affect the definition in the upper grid.

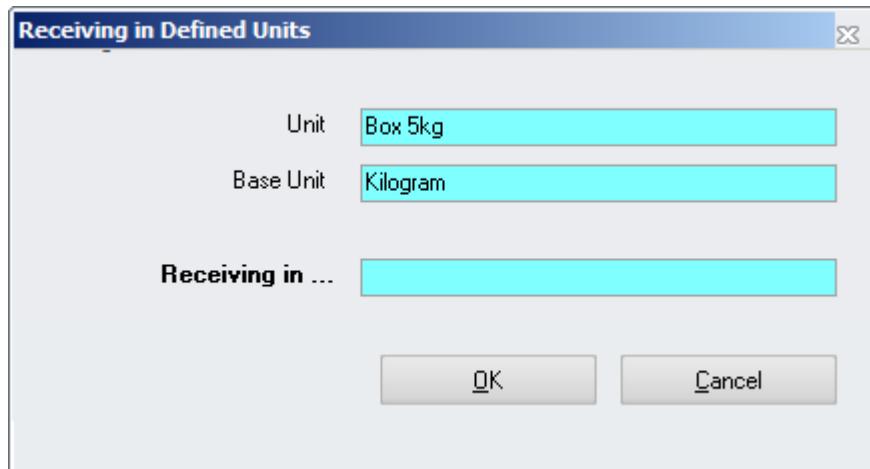
➤ **Bottom Grid:**

- The bottom grid now shows two more columns:
- “Def. Rec. Unit” showing the definition for this record (affecting/affected by related column in upper grid!)
  - Column “Receiving in ...”:
    - ➔ For all records not having “Def. Rec. Unit” set, this column will show the same unit as defined as Order Unit for this Price Quote.
    - ➔ Once a Purchase Article is just set to use a Defined Receiving Unit, the application will insert here the Base Unit automatically. This will mirror the previous behaviour “Receiving in BU”
    - ➔ Once a different Receiving Unit was defined for a record, it will be shown instead of the BU.

➤ **Button**

**Receiving in...**

This button is used to set the “Defined Receiving Unit”. Mark one or more records having the check box marked and click on the button:



The system now shows the dialog which allows to adjust the Receiving Unit for all marked record(s).

- “Unit” shows the Order Unit used in the Price Quote
- “Base Unit” shows the Base Unit of the selected Stock Article
- “Receiving in ...” allows now to select the Defined Receiving Unit for the marked record(s).

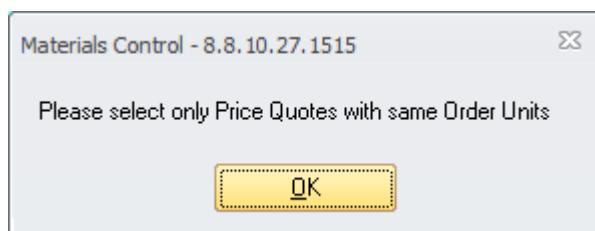
Select the new Receiving Unit and confirm with **OK**.

The system will now show the selected unit in the related column in the Grid.

If the button is clicked having one or more records not marked as “Def. Rec. Unit”, the following message is shown:



If the button is clicked having selected multiple records using different (Order-) Units, the following message is shown:



If the button is clicked without selecting any record in the grid, the following message is shown:

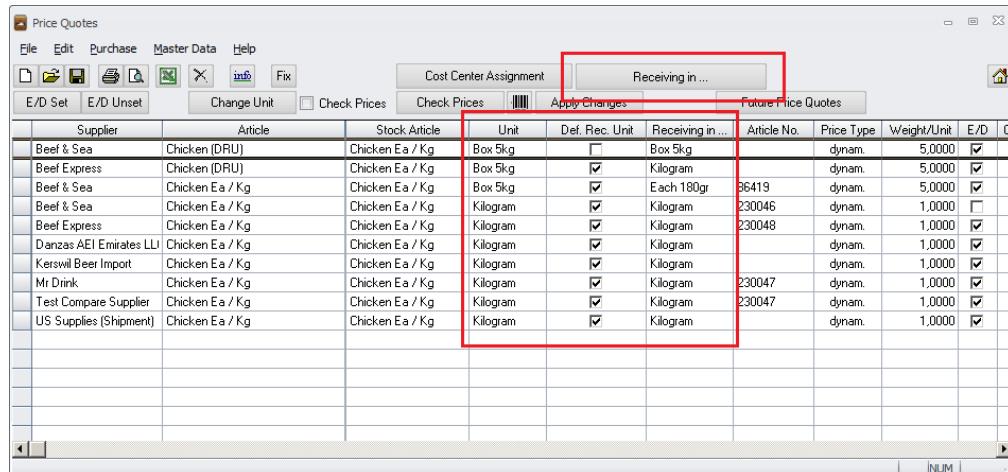
### Materials Control - 8.8.10.27.1515

You have selected no lines in the table. The action can not be processed!

OK

### Setup in Price Quotes:

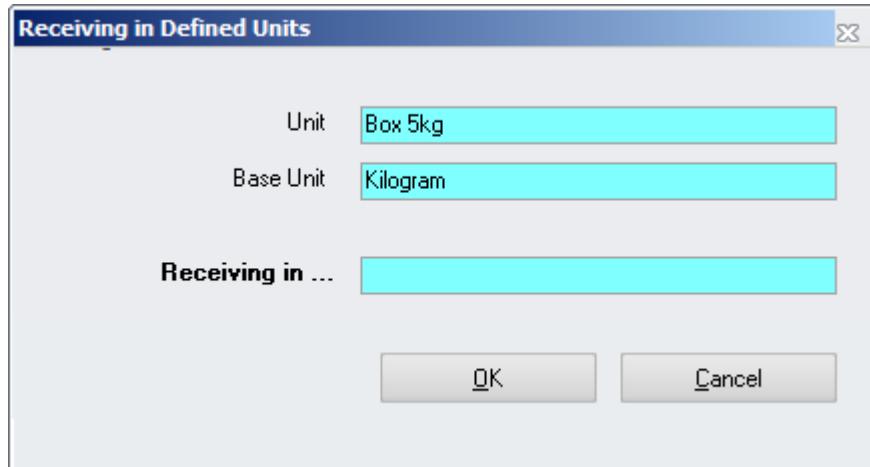
- Go to Purchase > Price Quotes and select any Stock Article which is/was defined in this way.



Supplier	Article	Stock Article	Unit	Def. Rec. Unit	Receiving in...	Article No.	Price Type	Weight/Unit	E/D
Beef & Sea	Chicken (DRU)	Chicken Ea / Kg	Box 5kg	<input type="checkbox"/>	Box 5kg	dynam.	5,0000	<input checked="" type="checkbox"/>	
Beef Express	Chicken (DRU)	Chicken Ea / Kg	Box 5kg	<input checked="" type="checkbox"/>	Kilogram	dynam.	5,0000	<input checked="" type="checkbox"/>	
Beef & Sea	Chicken Ea / Kg	Chicken Ea / Kg	Box 5kg	<input checked="" type="checkbox"/>	Each 180gr	36419	dynam.	5,0000	<input checked="" type="checkbox"/>
Beef & Sea	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram	230046	dynam.	1,0000	<input type="checkbox"/>
Beef Express	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram	230048	dynam.	1,0000	<input checked="" type="checkbox"/>
Danzas AEI Emirates LLL	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram		dynam.	1,0000	<input checked="" type="checkbox"/>
Kerswil Beer Import	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram		dynam.	1,0000	<input checked="" type="checkbox"/>
Mr Drink	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram	230047	dynam.	1,0000	<input checked="" type="checkbox"/>
Test Compare Supplier	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram	230047	dynam.	1,0000	<input checked="" type="checkbox"/>
US Supplies (Shipment)	Chicken Ea / Kg	Chicken Ea / Kg	Kilogram	<input checked="" type="checkbox"/>	Kilogram		dynam.	1,0000	<input checked="" type="checkbox"/>

- The grid now shows two more columns:
  - “Def. Rec. Unit” showing the definition for this record (affecting/affected by related column in upper grid!)
  - Column “Receiving in ...”:
    - For all records not having “Def. Rec. Unit” set, this column will show the same unit as defined as Order Unit for this Price Quote.
    - Once a Purchase Article is just set to use a Defined Receiving Unit, the application will insert here the Base Unit automatically. This will mirror the previous behaviour “Receiving in BU”
    - Once a different Receiving Unit was defined for a record, it will be shown instead of the BU.

- **Receiving in...**  
 This button is used to set the “Defined Receiving Unit”.  
 Mark one or more records having the check box marked and click on the button:



The system now shows the dialog which allows to adjust the Receiving Unit for all marked record(s).

- “Unit” shows the Order Unit used in the Price Quote
- “Base Unit” shows the Base Unit of the selected Stock Article
- “Receiving in ...” allows now to select the Defined Receiving Unit for the marked record(s).

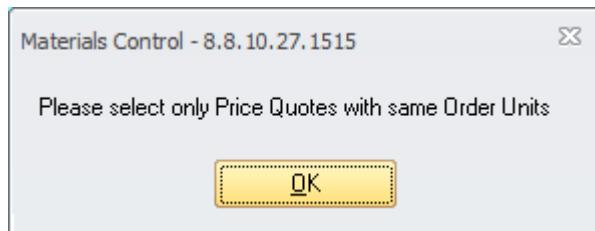
Select the new Receiving Unit and confirm with **OK**.

The system will now show the selected unit in the related column in the Grid.

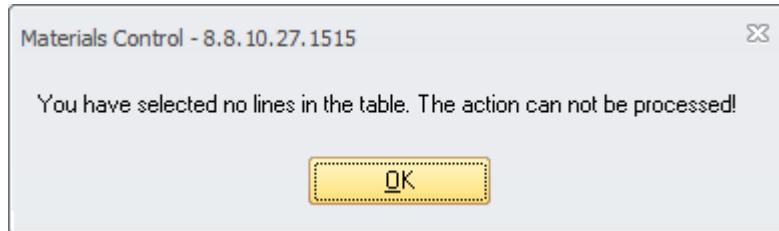
If the button is clicked having one or more records not marked as “Def. Rec. Unit”, the following message is shown:



If the button is clicked having selected multiple records using different (Order-) Units, the following message is shown:



If the button is clicked without selecting any record in the grid, the following message is shown:



### **Ordering & Receiving:**

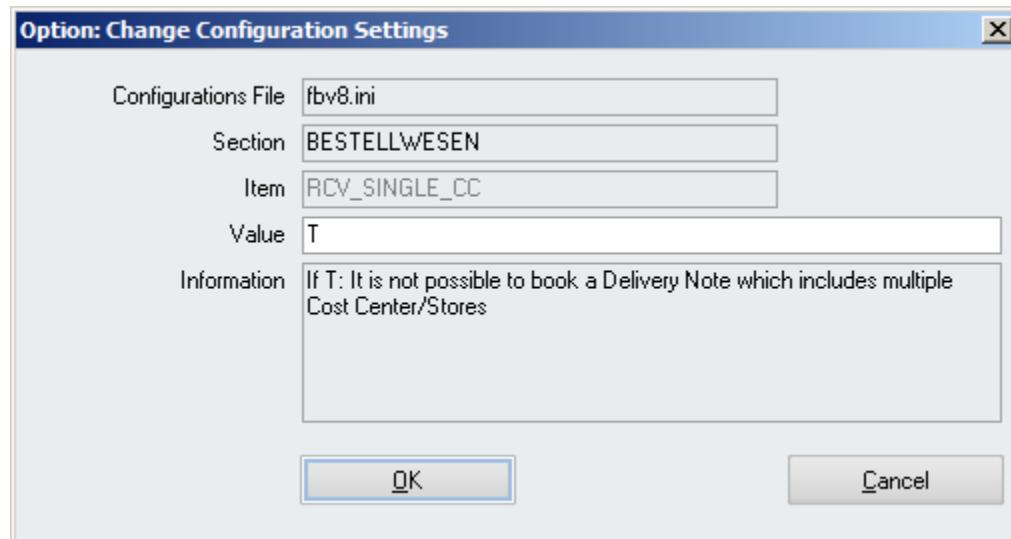
At the creation of the Purchase Order the Price Quote will now be selected as usual. During Receiving of this PO, the system will now replace the Order Unit with the Defined Receiving Unit and recalculate the QTY automatically.

At creation of a Delivery Note without a previous PO, the user still will select the Price Quote when adding the single positions, but the system will replace and recalculate the details when inserting the positions into the grid.

### **23) Receiving > Single Cost Center Only**

In certain scenarios it might be required that delivery note must be booked per cost center only and multiple cost centers in one delivery note must not be allowed.

In order to control this, a new parameter was added in the section [BESTELLWESEN]:



When trying to book delivery notes containing multiple cost centers the control dialog will inform:

Book Delivery Note

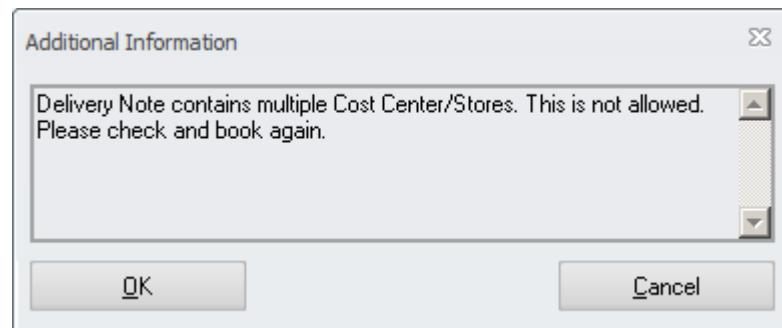
Status

Document Control Multiple Cost Center/Stores not allowed! i

Document Information

Delivery Note	123123
Supplier	Mr Drink
Delivery Date	26.08.2013 <span style="border: 1px solid orange; padding: 0 2px; border-radius: 50%; font-size: small;">i</span>
<input checked="" type="checkbox"/> Close Purchase Order <input type="checkbox"/> Book Delivery Note as Invoice	

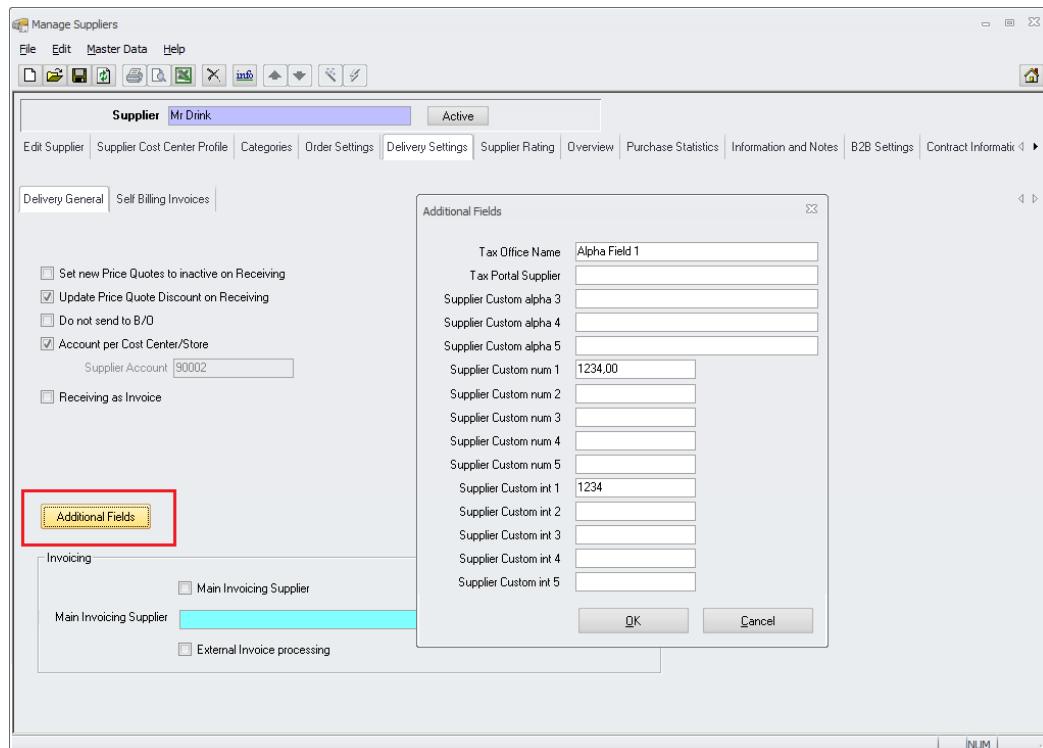
Click on the i button:



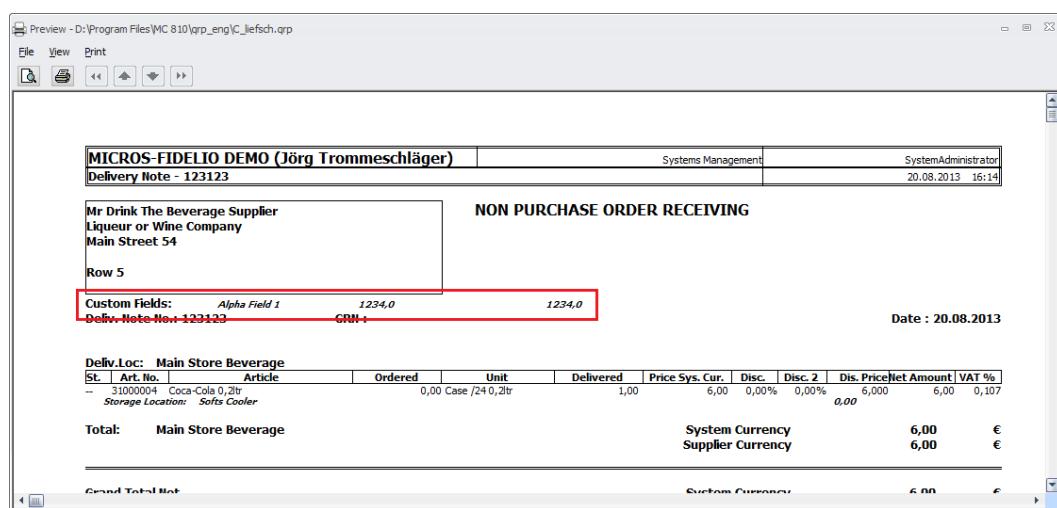
**NOTE:** in such environments it is recommended to activate the option [BESTELLWESEN] > SplitOrderPerCC (implemented in 8.6.6.30) as well. Also [BESTELLWESEN] > RCV\_SinglePoRcvOnly (implemented in 8.6.6.30) should be considered.

## 24) Receiving > Additional Fields

Per supplier there is a set of additional fields available. These fields could be used for several local details.



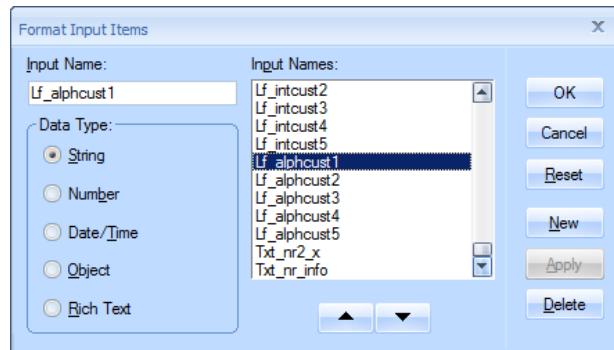
These fields now also could be printed on the Delivery Note document.



The fields are not added to the standard layouts by default.

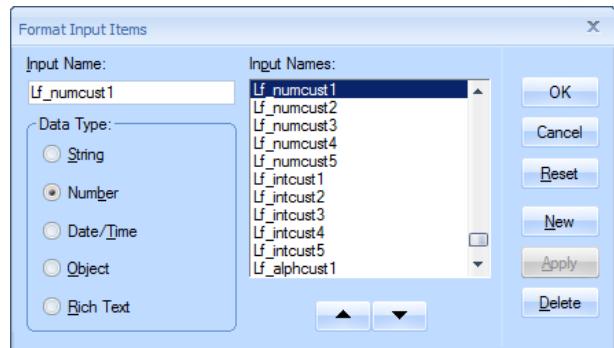
They will be created when calling the report the first time and must be added to the layout manually.

Supplier Custom Alpha Fields:



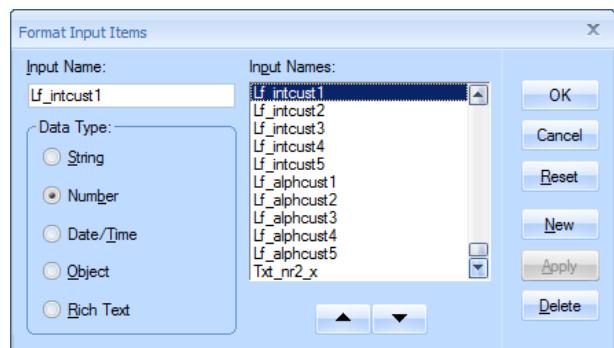
- Created as Lf\_alphacust1 – Lf\_alphacust5 (case sensitive!)
- Data Type: String

#### Supplier Custom Numeric Fields:



- Created as Lf\_numcust1 – Lf\_numcust5 (case sensitive!)
- Data Type: Number

#### Supplier Custom Integer Fields:

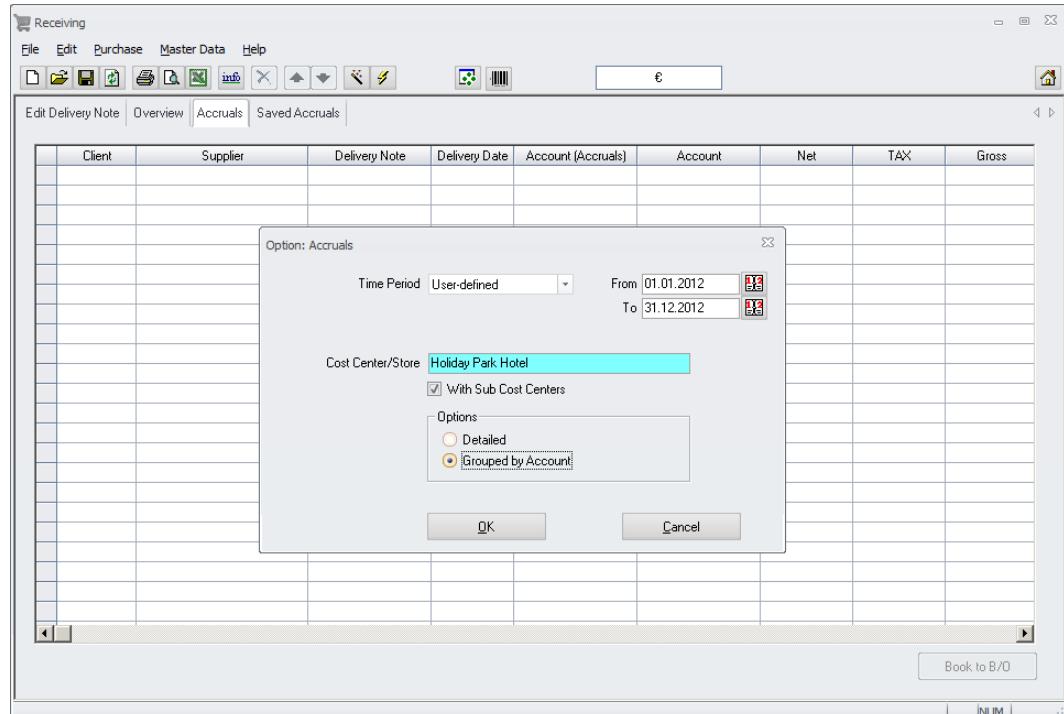


- Created as Lf\_intcust1 – Lf\_intcust5 (case sensitive!)
- Data Type: Number

## 25) Receiving > Saved Accruals

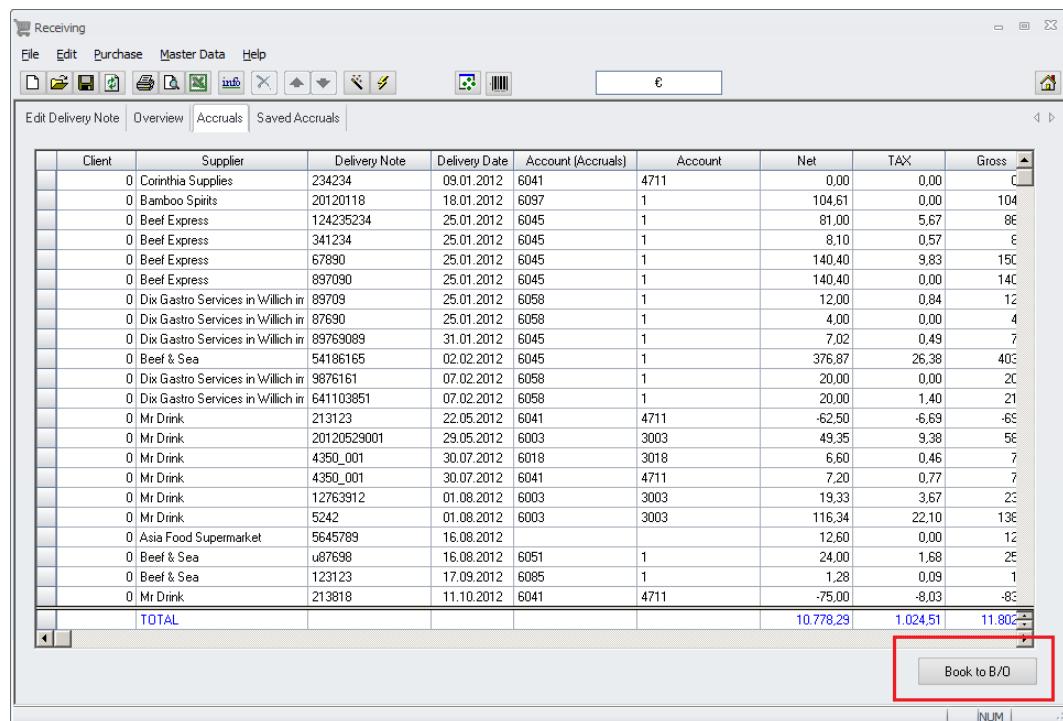
The Accruals section in the module Receiving was enhanced. In former versions the accruals were no longer accessible after exporting to the B/O System. Now the application allows to save them and also offers more flexibility to export.

Go to Purchase Receiving and switch to the tab “Accruals”. The application will open the option dialog for this screen:



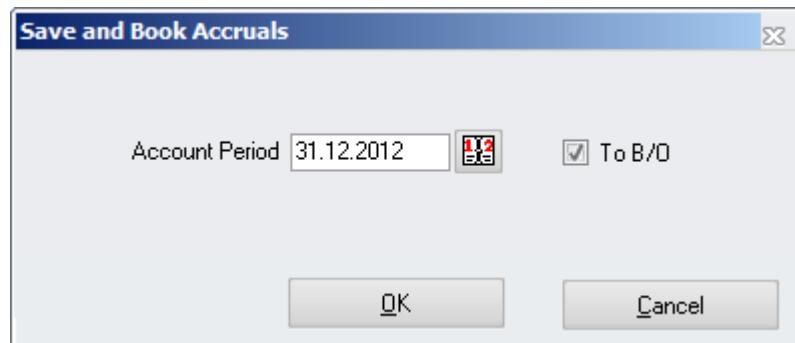
- Define the Time Period
- Select the Cost Center(s)
- Select the option “Grouped by Account”  
(this is required to enable the “Book to B/O” function)

The data set is generated and displayed:



Client	Supplier	Delivery Note	Delivery Date	Account (Accruals)	Account	Net	TAX	Gross
0	Corinthia Supplies	234234	09.01.2012	6041	4711	0,00	0,00	
0	Bamboo Spirits	20120118	18.01.2012	6097	1	104,61	0,00	104
0	Beef Express	124235234	25.01.2012	6045	1	81,00	5,67	86
0	Beef Express	341234	25.01.2012	6045	1	8,10	0,57	8
0	Beef Express	67890	25.01.2012	6045	1	140,40	9,83	150
0	Beef Express	897090	25.01.2012	6045	1	140,40	0,00	140
0	Dix Gastro Services in Willich	89709	25.01.2012	6058	1	12,00	0,84	12
0	Dix Gastro Services in Willich	87630	25.01.2012	6058	1	4,00	0,00	4
0	Dix Gastro Services in Willich	89769089	31.01.2012	6045	1	7,02	0,49	7
0	Beef & Sea	54186165	02.02.2012	6045	1	376,87	26,38	403
0	Dix Gastro Services in Willich	9876161	07.02.2012	6058	1	20,00	0,00	20
0	Dix Gastro Services in Willich	641103851	07.02.2012	6058	1	20,00	1,40	21
0	Mr Drink	213123	22.05.2012	6041	4711	-62,50	-6,69	-68
0	Mr Drink	20120529001	29.05.2012	6003	3003	49,35	9,38	58
0	Mr Drink	4350_001	30.07.2012	6018	3018	6,60	0,46	7
0	Mr Drink	4350_001	30.07.2012	6041	4711	7,20	0,77	7
0	Mr Drink	12763912	01.08.2012	6003	3003	19,33	3,67	23
0	Mr Drink	5242	01.08.2012	6003	3003	116,34	22,10	138
0	Asia Food Supermarket	5645789	16.08.2012			12,60	0,00	12
0	Beef & Sea	u87698	16.08.2012	6051	1	24,00	1,68	25
0	Beef & Sea	123123	17.09.2012	6085	1	1,28	0,09	1
0	Mr Drink	213818	11.10.2012	6041	4711	-75,00	-8,03	-83
		TOTAL				10.778,29	1.024,51	11.802

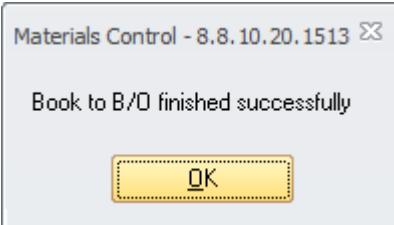
Click on the button “Book to B/O”:



The application now shows a confirmation dialog:

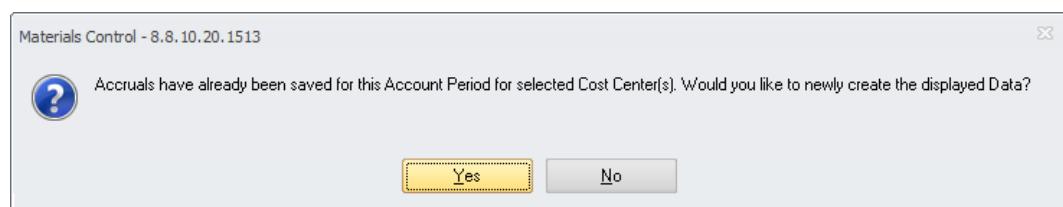
- Definition of end date for export.  
Here 31.12.2012
- Check box “To B/O”
  - If set: The accruals will be saved in the Materials Control database and exported to the B/O interface.
  - If not set: The accruals will be saved in the Materials Control database only. The export to B/O is not generated.

After confirmation with  the records will be processed and the following message is displayed:



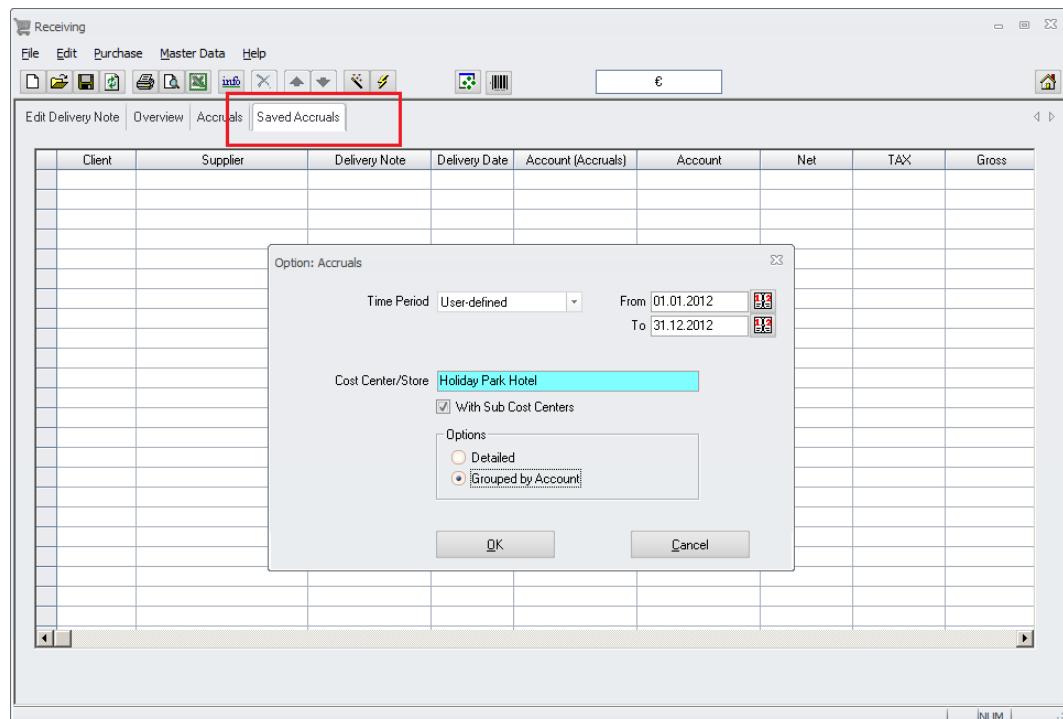
Confirm with **OK** again.

In case you selected a time period for which data was exported already the system will show a message:



- Confirm Yes: The system will...
  - ... delete the previously saved accruals
  - ... recreate the records
  - ... recreate the B/O Export (if option was marked)!
- Confirm No: The message will be closed and nothing is processed.

Now switch to the new tab “Saved Accruals”:

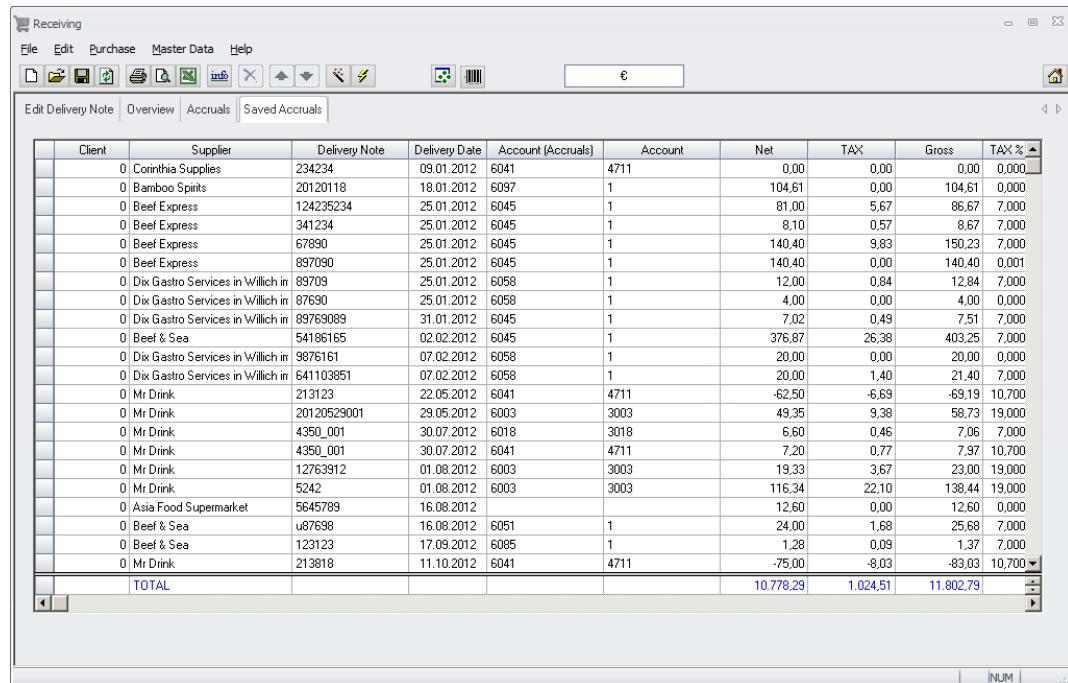


The system will open the options dialog again. Please select...

- ... the Time Period
- ... the Cost Center(s)

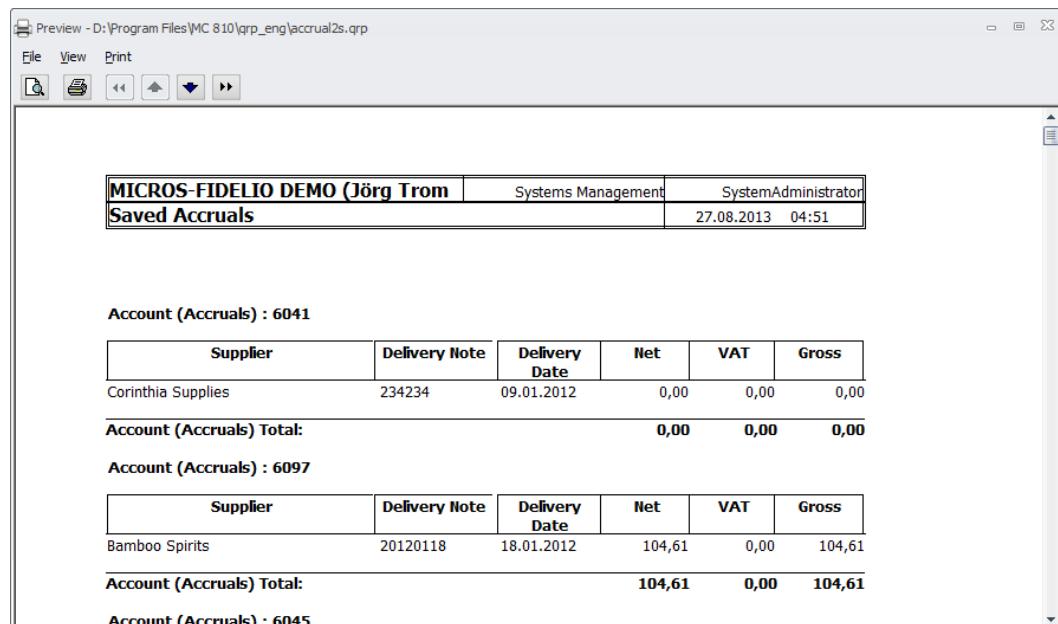
➤ ... the document options, either detailed or grouped.

Here now all accruals for the selected time range can be reviewed:



Client	Supplier	Delivery Note	Delivery Date	Account (Accruals)	Account	Net	TAX	Gross	TAX %
0	Corinthia Supplies	234234	09.01.2012	6041	4711	0,00	0,00	0,00	0,0000
0	Bamboo Spirits	20120118	18.01.2012	6097	1	104,61	0,00	104,61	0,0000
0	Beef Express	124235234	25.01.2012	6045	1	81,00	5,67	86,67	7,0000
0	Beef Express	341234	25.01.2012	6045	1	8,10	0,57	8,67	7,0000
0	Beef Express	67890	25.01.2012	6045	1	140,40	9,83	150,23	7,0000
0	Beef Express	897090	25.01.2012	6045	1	140,40	0,00	140,40	0,0001
0	Dix Gastro Services in Willich	89709	25.01.2012	6058	1	12,00	0,84	12,84	7,0000
0	Dix Gastro Services in Willich	87690	25.01.2012	6058	1	4,00	0,00	4,00	0,0000
0	Dix Gastro Services in Willich	89763089	31.01.2012	6045	1	7,02	0,49	7,51	7,0000
0	Beef & Sea	54186165	02.02.2012	6045	1	376,87	26,38	403,25	7,0000
0	Dix Gastro Services in Willich	9876161	07.02.2012	6058	1	20,00	0,00	20,00	0,0000
0	Dix Gastro Services in Willich	641103851	07.02.2012	6058	1	20,00	1,40	21,40	7,0000
0	Mr. Drink	213123	22.05.2012	6041	4711	-62,50	-6,69	-69,19	10,7000
0	Mr. Drink	20120529001	29.05.2012	6003	3003	49,35	9,38	58,73	19,0000
0	Mr. Drink	4350_001	30.07.2012	6018	3018	6,60	0,46	7,06	7,0000
0	Mr. Drink	4350_001	30.07.2012	6041	4711	7,20	0,77	7,97	10,7000
0	Mr. Drink	12763912	01.08.2012	6003	3003	19,33	3,67	23,00	19,0000
0	Mr. Drink	5242	01.08.2012	6003	3003	116,34	22,10	138,44	19,0000
0	Asia Food Supermarket	5645789	16.08.2012			12,60	0,00	12,60	0,0000
0	Beef & Sea	u87698	16.08.2012	6051	1	24,00	1,68	25,68	7,0000
0	Beef & Sea	123123	17.09.2012	6085	1	1,28	0,09	1,37	7,0000
0	Mr. Drink	213818	11.10.2012	6041	4711	-75,00	-8,03	-83,03	10,7000
<b>TOTAL</b>						<b>10.778,29</b>	<b>1.024,51</b>	<b>11.802,79</b>	

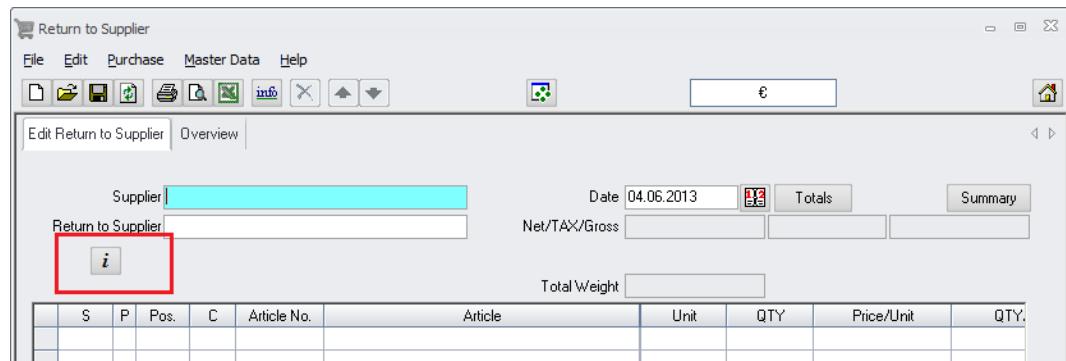
Using the Print/Preview icons in the toolbar the displayed information could be printed as well:



MICROS-FIDELIO DEMO (Jörg Trom			Systems Management	SystemAdministrator												
Saved Accruals			27.08.2013	04:51												
<b>Account (Accruals) : 6041</b>																
<table border="1"> <thead> <tr> <th>Supplier</th> <th>Delivery Note</th> <th>Delivery Date</th> <th>Net</th> <th>VAT</th> <th>Gross</th> </tr> </thead> <tbody> <tr> <td>Corinthia Supplies</td> <td>234234</td> <td>09.01.2012</td> <td>0,00</td> <td>0,00</td> <td>0,00</td> </tr> </tbody> </table>					Supplier	Delivery Note	Delivery Date	Net	VAT	Gross	Corinthia Supplies	234234	09.01.2012	0,00	0,00	0,00
Supplier	Delivery Note	Delivery Date	Net	VAT	Gross											
Corinthia Supplies	234234	09.01.2012	0,00	0,00	0,00											
<b>Account (Accruals) Total:</b> 0,00 0,00 0,00																
<b>Account (Accruals) : 6097</b>																
<table border="1"> <thead> <tr> <th>Supplier</th> <th>Delivery Note</th> <th>Delivery Date</th> <th>Net</th> <th>VAT</th> <th>Gross</th> </tr> </thead> <tbody> <tr> <td>Bamboo Spirits</td> <td>20120118</td> <td>18.01.2012</td> <td>104,61</td> <td>0,00</td> <td>104,61</td> </tr> </tbody> </table>					Supplier	Delivery Note	Delivery Date	Net	VAT	Gross	Bamboo Spirits	20120118	18.01.2012	104,61	0,00	104,61
Supplier	Delivery Note	Delivery Date	Net	VAT	Gross											
Bamboo Spirits	20120118	18.01.2012	104,61	0,00	104,61											
<b>Account (Accruals) Total:</b> 104,61 0,00 104,61																
<b>Account (Accruals) : 6045</b>																

## 26) Return to Supplier > Information Box

The button for the Information box was relocated:



The relocation was necessary as in certain configurations the old location was used by another button already.

The functionality itself remains untouched.

## 27) Return to Supplier > Additional Fields

Similar as for the Delivery Notes, the Supplier Custom Fields now can be printed on the RTS documents.

For further details please see the explanation in the [Receiving](#) section.

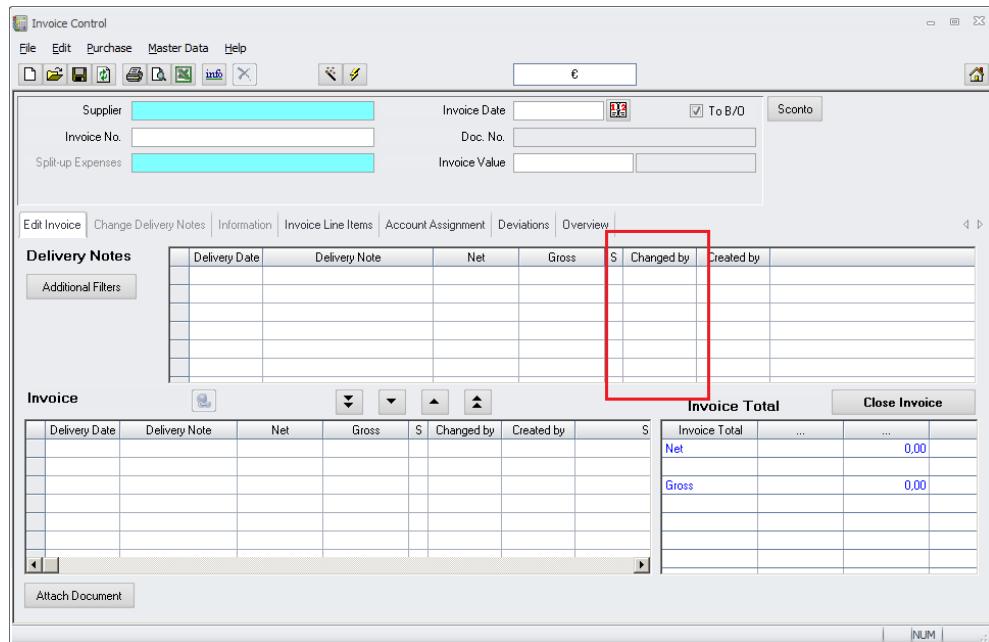
## 28) Shipment Control > module removed

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

It has been replaced with the “Adjustments” package.

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

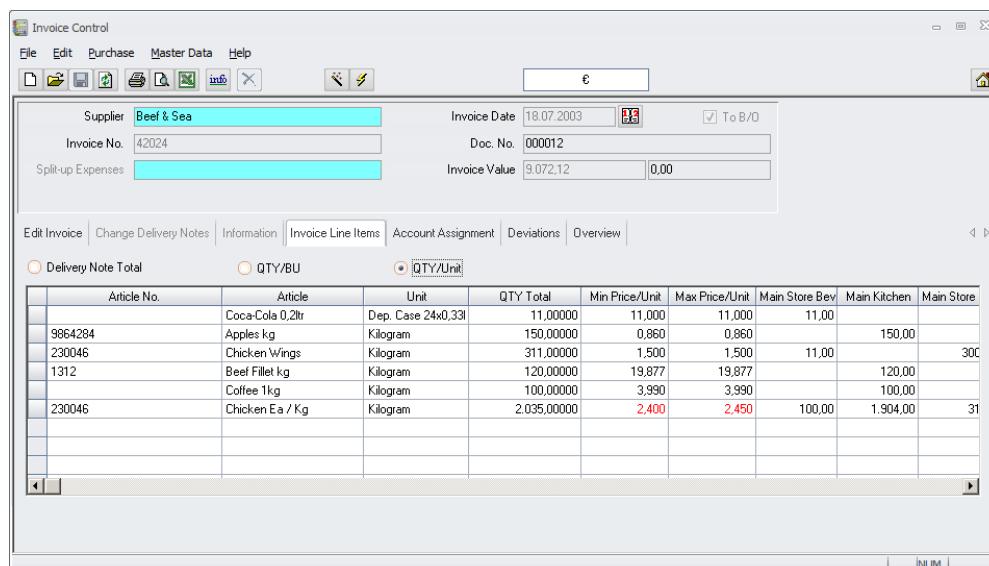
The header section in module Invoice Control was enhanced again. In the previous version the “Changed by” / “Created by” information was added to the bottom grid. Unfortunately it was forgotten to add the “Changed by” information in the header grid as well.



The column has been added to the upper grid as well.

## 30) Invoice Control> Invoice Line Items

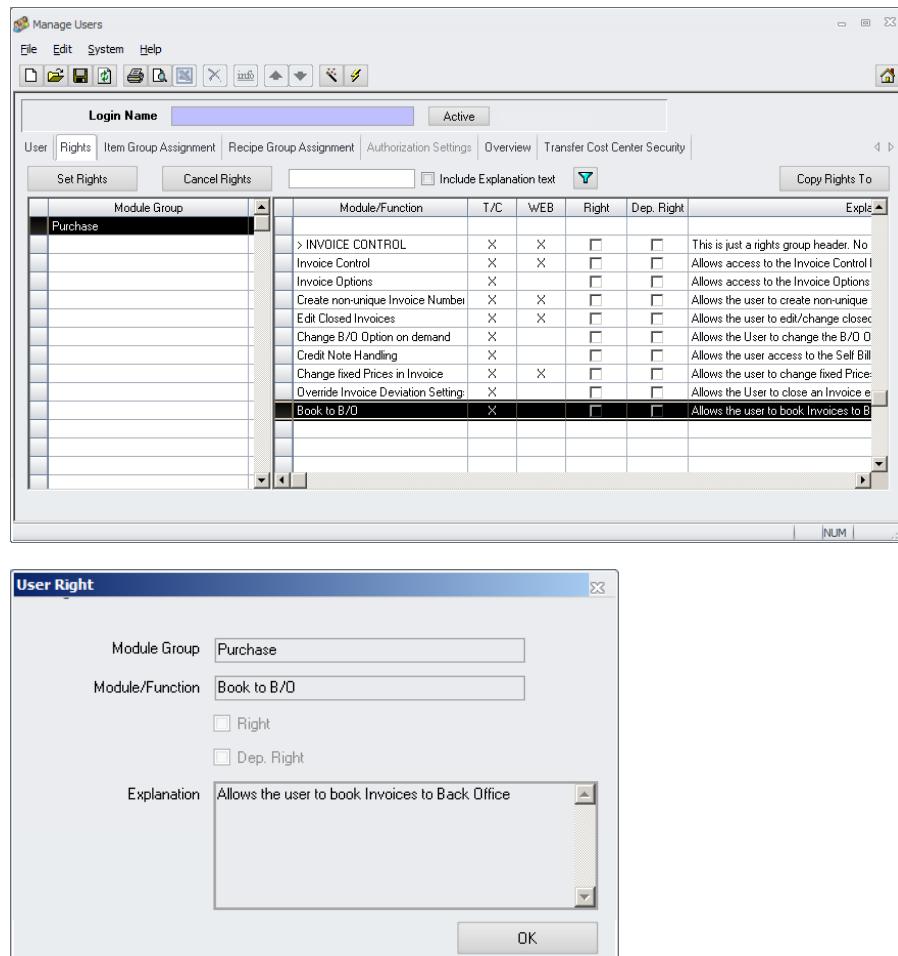
The function “Invoice Line Items” to review invoice details is now available for booked invoices as well.



Previously this was available for open and closed invoices only.

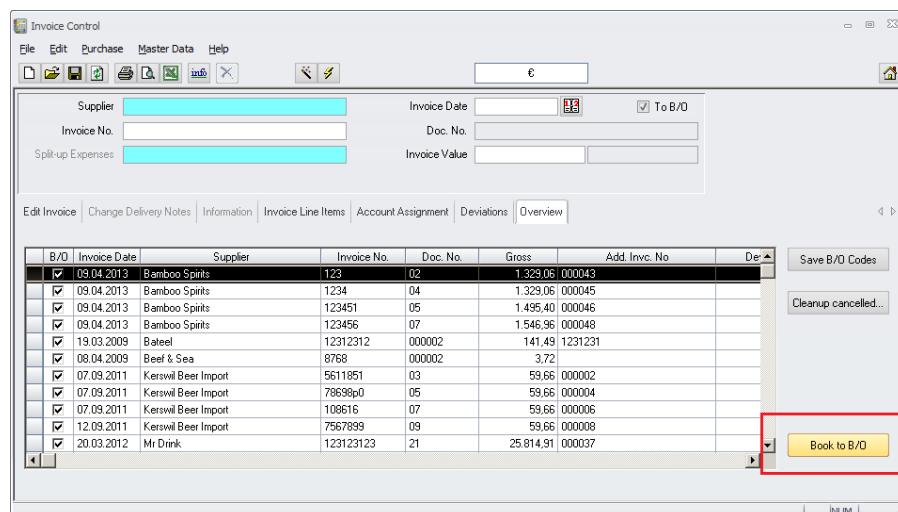
## 31) Invoice Control> Book to B/O User Right

A new user right was added to control the access to the function “Book to B/O”:



The 'Manage Users' application interface shows the 'User Rights' tab selected. A table lists module functions and their rights. The 'Book to B/O' right is highlighted with a yellow box. Below this, a 'User Right' dialog box is shown for the 'Purchase' module group and 'Book to B/O' function, with the explanation 'Allows the user to book Invoices to Back Office'.

Without having this right the button will not be accessible.



The 'Invoice Control' application interface shows a list of invoices. A yellow box highlights the 'Book to B/O' button in the bottom right corner of the grid.

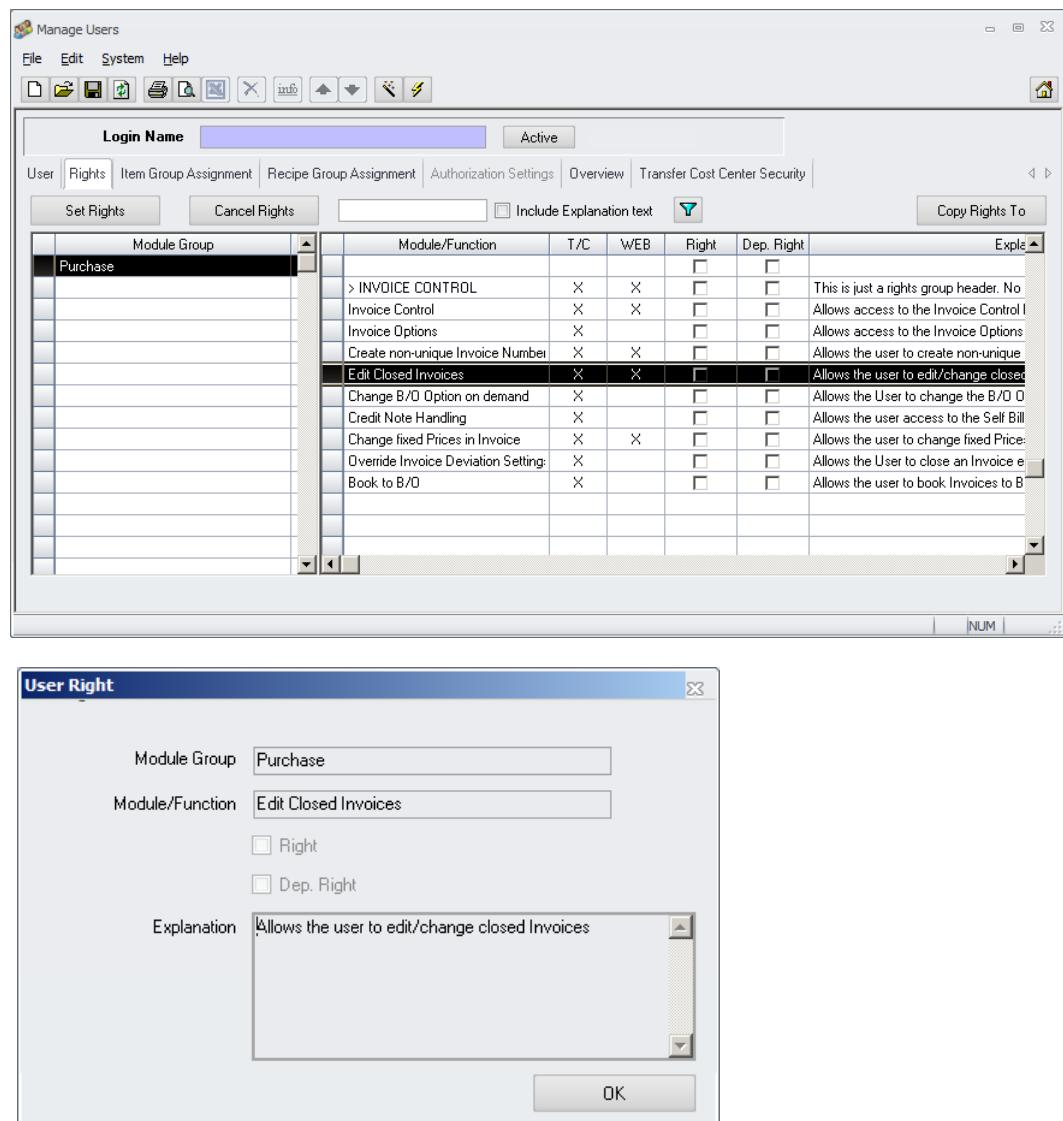
During the update the new right is assigned automatically to all users having the right “Invoice Control” before. Please adjust as needed.

### 32) Invoice Control> Book to B/O Taxes

In certain scenarios it could have happened in the past that tax rate changes during receiving a delivery note based on a PO via B2B were not passed to the B/O interface correctly. This has been corrected now.

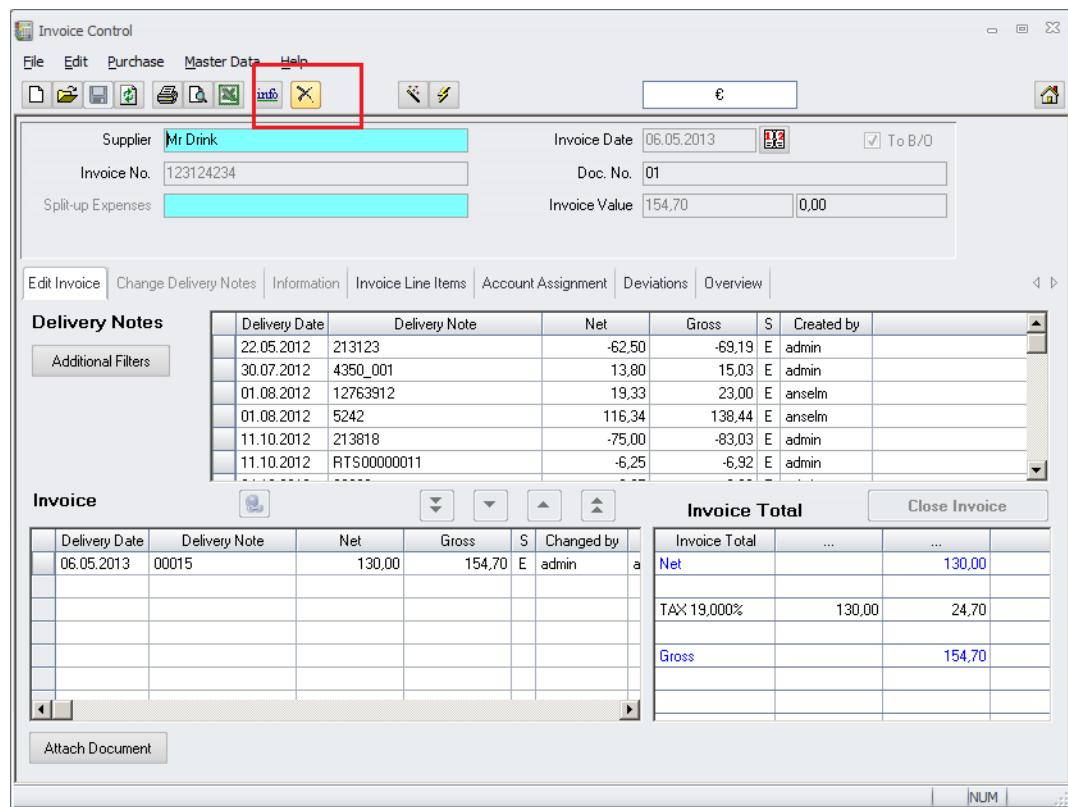
### 33) Invoice Control> Edit Closed Invoices User Right

A new user right was added to control the access to closed invoices:



The screenshot shows the 'Manage Users' application interface. The 'Rights' tab is selected. A table lists various module functions and their access rights (T/C, WEB, Right, Dep. Right). The 'Edit Closed Invoices' right is highlighted, showing its description: 'Allows the user to edit/change closed Invoices'. A detailed view dialog is open, showing the same information: 'Module Group: Purchase', 'Module/Function: Edit Closed Invoices', and the 'Right' checkbox is checked. The explanation text in the dialog is: 'Allows the user to edit/change closed Invoices'.

Now only users having this right could re-open closed invoices.

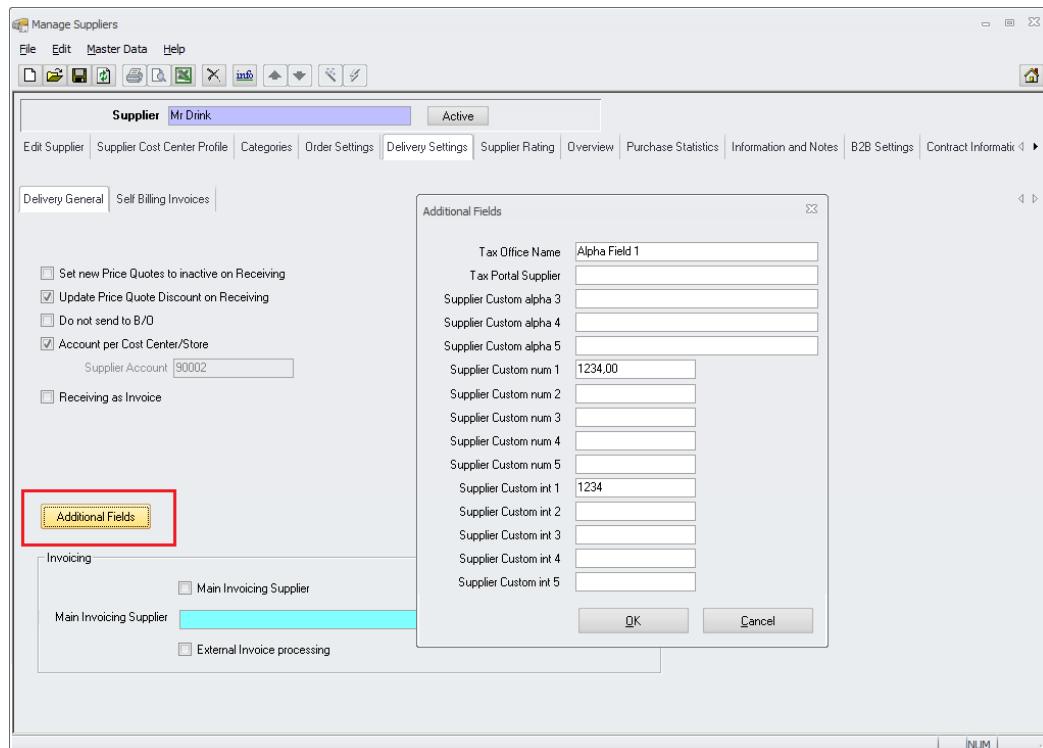


In former versions all users having the tight "Invoice Control" were able to change closed invoices.

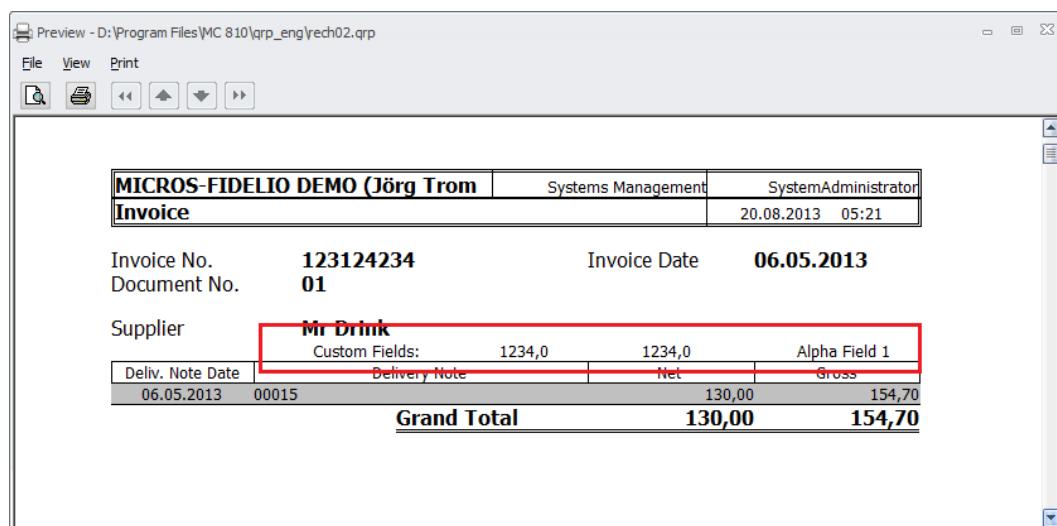
During the update the new right is assigned automatically to all users having the right "Invoice Control" before. Please adjust as needed.

### 34) Invoice Control > Additional Fields

Per supplier there is a set of additional fields available. These fields could be used for several local details.



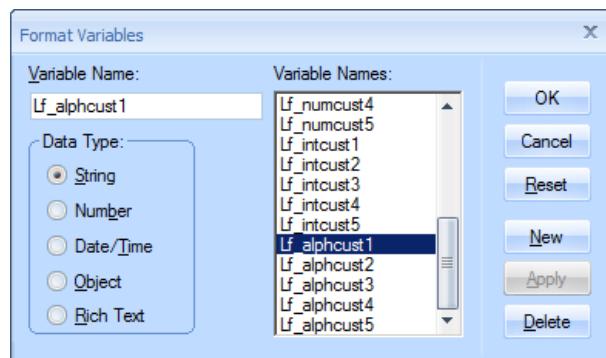
These fields now also could be printed on the Invoice Control document.



The fields are not added to the standard layouts by default.

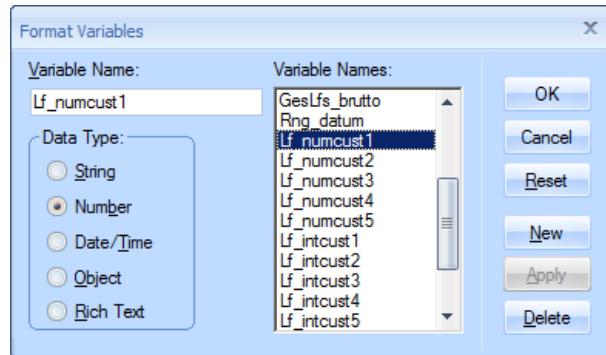
They must be created manually as input variables and must be added to the layout manually.

Supplier Custom Alpha Fields:



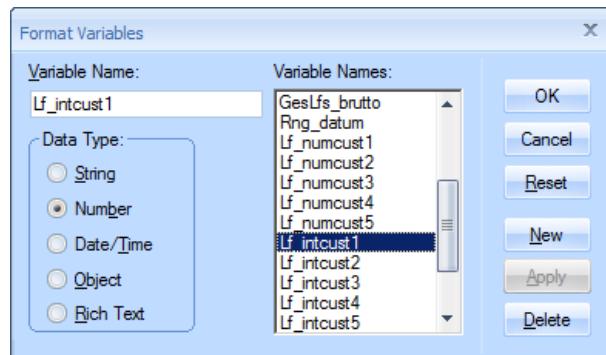
- Created as Lf\_alphcust1 – Lf\_alphcust5 (case sensitive!)
- Data Type: String

#### Supplier Custom Numeric Fields:



- Created as Lf\_numcust1 – Lf\_numcust5 (case sensitive!)
- Data Type: Number

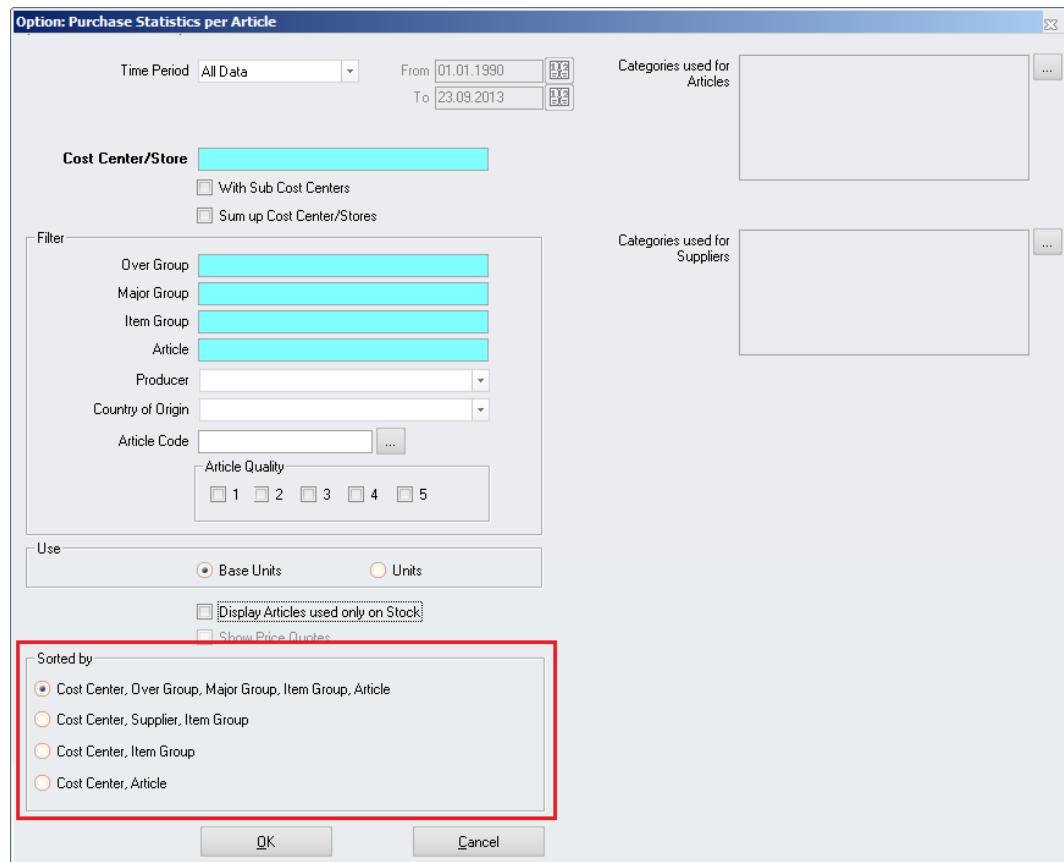
#### Supplier Custom Integer Fields:



- Created as Lf\_intcust1 – Lf\_intcust5 (case sensitive!)
- Data Type: Number

### 35) Purch. Analysis > Statistics per Article

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

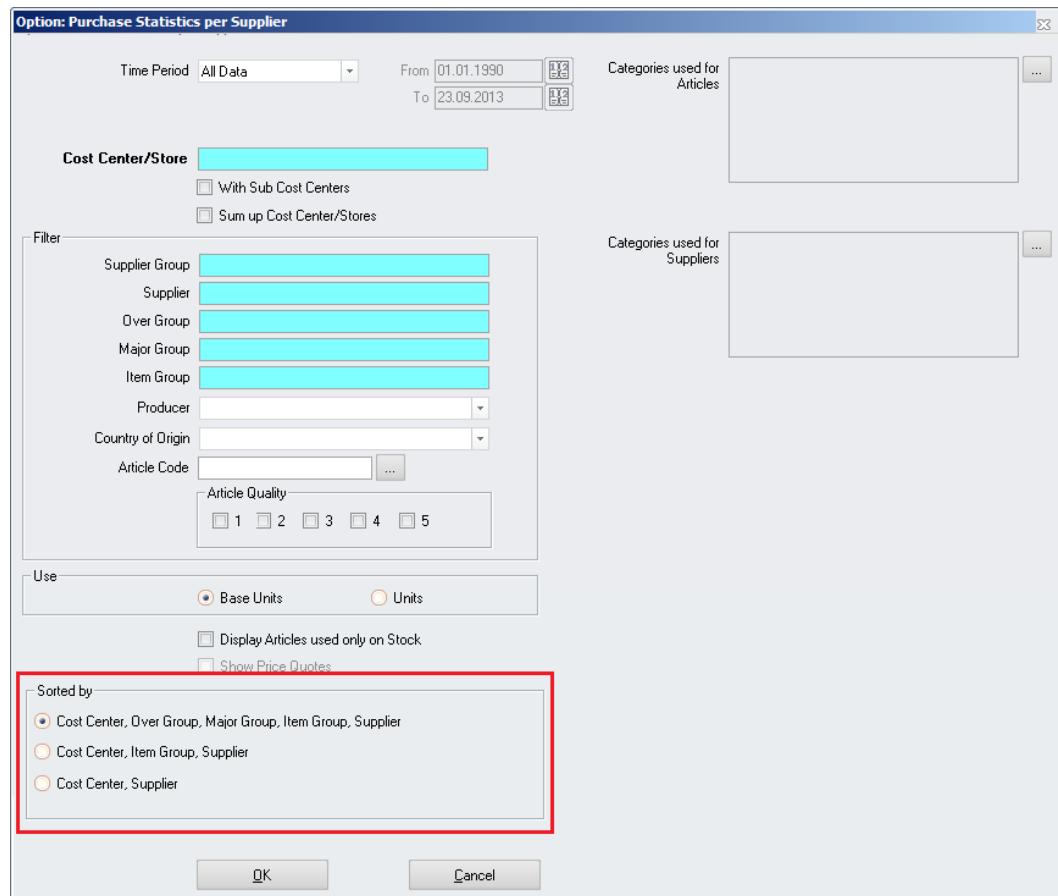


Besides the filter options the system now also allows to pre-define the sorting:

- Sorted by Cost Center, Over Group, Major Group, Item Group, Article
- Sorted by Cost Center, Supplier, Item Group
- Sorted by Cost Center, Item Group
- Sorted by Cost Center, Article

## 36) Purch. Analysis > Statistics per Supplier

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

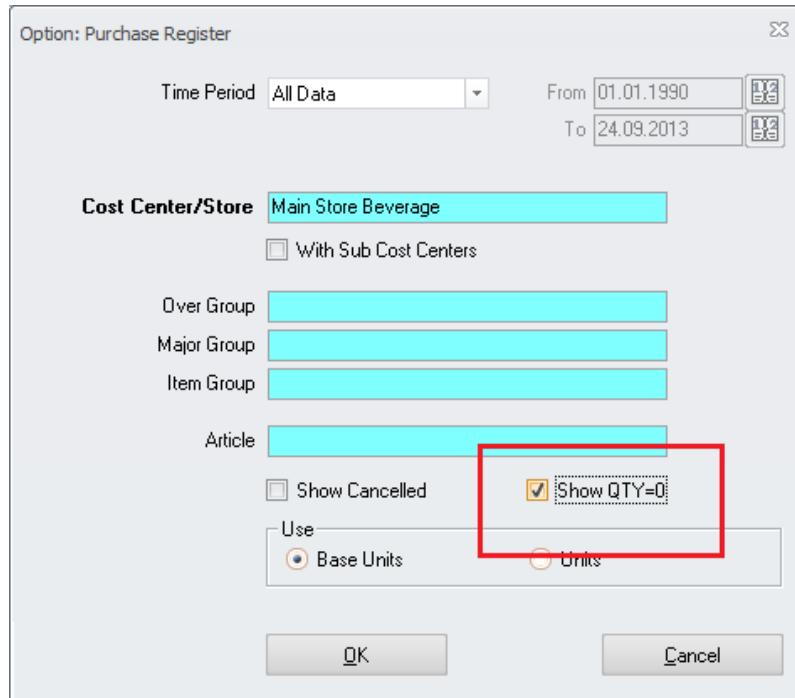


Besides the filter options the system now also allows to pre-define the sorting:

- Sorted by Cost Center, Over Group, Major Group, Item Group, Supplier
- Sorted by Cost Center, Item Group, Supplier
- Sorted by Cost Center, Supplier

## 37) Purch. Analysis > Purchase Register

A new option was added to the Search/Filter dialog of this module:



- Using this option all records having a QTY = 0 could be shown or hidden.

## 38) B2B > Deposit Support

NOTE: This change may affect all used B2B interfaces. Please check and adjust the used interface definitions accordingly!

A new option was added to allow the support of deposit. For this purpose the structure of temporary tables needed to be adjusted. B2B interfaces that belong to the core setup of MC are already updated but customized ones will need a small change. This change only applies to those WT files that do some POST function (stuff that is done AFTER the IFC was loading data):

### Article Catalogue

REMARK deposit support;  
 alter table xlfartkat add lfa\_deposit decimal(1);

### Delivery Notes

REMARK deposit support;  
 alter table xwaeing add wae\_deposit decimal(1);

Please note that it's not necessary to load the B2B IFC again. The POST files are "loaded" at runtime.

In case of questions/doubts please contact the Materials Control Support before running the update.

## IV. Store:

### 39) Transfer > Leave Transfer Open

The function “Leave Transfer Open” was adjusted.

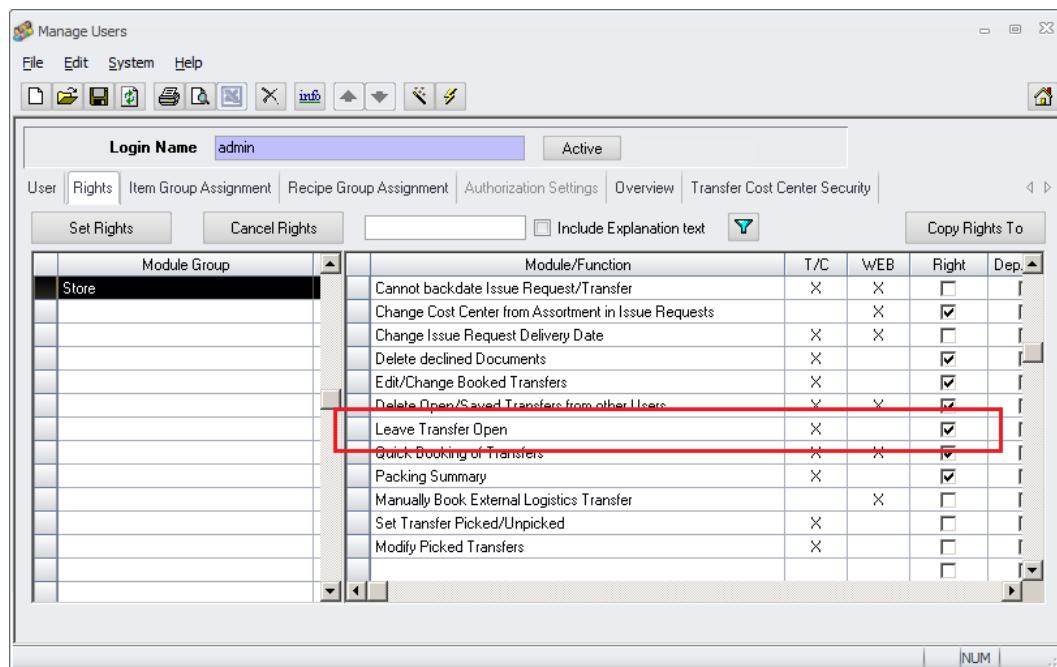
This function could be used to control the handling at booking Issue Requests in the Transfer module. In case not the entire requested QTY for a position could be delivered, it is possible to keep the Transfer open with the remaining QTY. In this case the system will create a new document containing the remaining positions and their remaining QTYs.

In former versions the checkbox was visible and activated per user once the right is set.

Now it is possible ...

- ... to activate the visibility  
and
- ... to control the default setting

The visibility of the option in the booking dialog is still controlled by the user right:

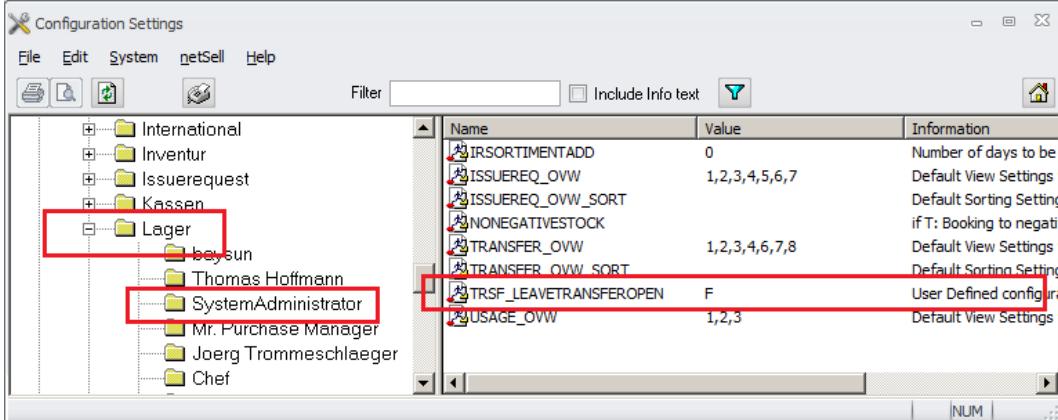


If the right is set, the user could have the possibility to decide if the transfer should be closed or remain open.

If the right is not set, the check box is not shown and the transfer will be closed by default.

In addition to the right now a parameter was added to control the behaviour per user.

Go to System > Configuration > [LAGER] > {User\_name}:



The screenshot shows the 'Configuration Settings' window. The left pane displays a tree structure of configuration categories: International, Inventur, Issuerequest, Kassen, Lager, bay\_sun, Thomas Hoffmann, SystemAdministrator, Mr. Purchase Manager, Joerg Trommeschlaeger, and Chef. The 'Lager' and 'SystemAdministrator' nodes are highlighted with red boxes. The right pane lists configuration items with columns for Name, Value, and Information. The 'TRSF\_LEAVETRANSFEROPEN' item is highlighted with a red box in the list, and its details are shown in a modal dialog.

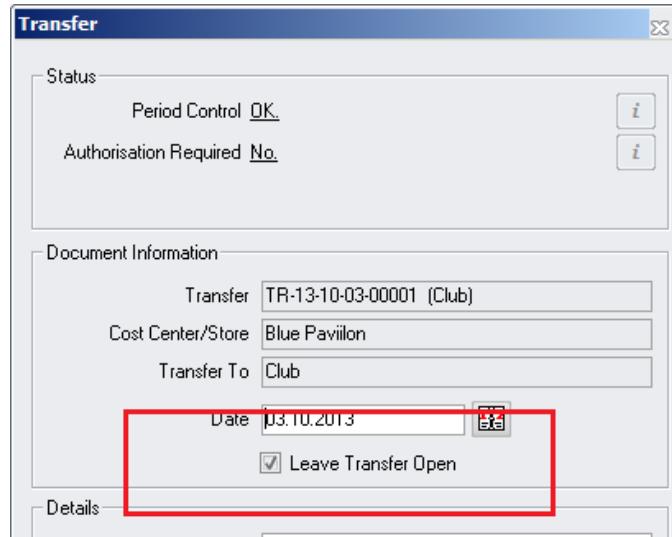
**Option: Change Configuration Settings**

Configurations File	fbw8.ini
Section	LAGER
Item	TRSF_LEAVETRANSFEROPEN
Value	F
Information	User Defined configuration bit for Transfer Booking Dialog. If T: Option "Leave Transfer Open" is ticked for this user. If NULL or F: the Option will be unticked by default

OK Cancel

The parameter will be created once the user opens the module the first time after activation of the user right. If required it also could be created manually. Please keep in mind that the parameters are case sensitive and it must be created as shown above!

After changing the parameter reopen the Transfer module and book an issue request with reduced QTY for at least one position.



The origin document will be booked as usual with an adjusted document number, e.g. TR-13-10-04-0008-2

NOTE: Please keep in mind that this parameter is defined per user!

➤ Parameter:	F
➤ User Right:	not set
	➔ Check box is not visible
	➔ Transfer will be closed
➤ Parameter:	T
➤ User Right:	not set
	➔ Check box is not visible
	➔ Transfer will be closed
➤ Parameter:	blank
➤ User Right:	set
	➔ Check box is visible and unticked
➤ Parameter:	F
➤ User Right:	set
	➔ Check box is visible and unticked
➤ Parameter:	T
➤ User Right:	set
	➔ Check box is visible and ticked

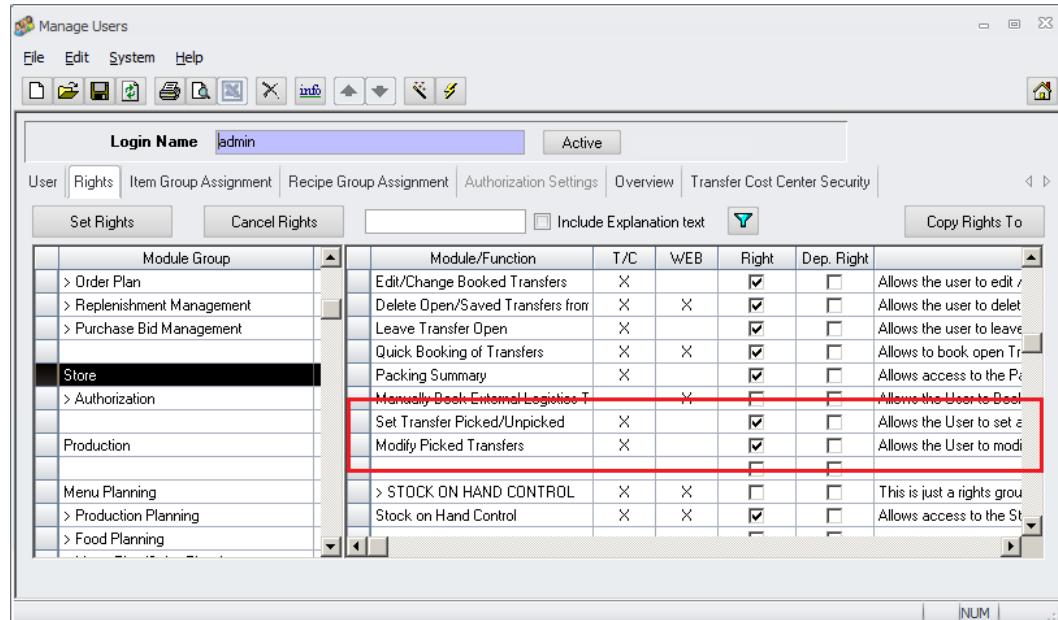
**NOTE:** This function is not available if the source cost center, where the goods are booked from, is linked to a Virtual Transit Store (VTS)! In that case the transfer cannot be left open and will be closed by default.

## 40) Transfer > Picked / Unpicked

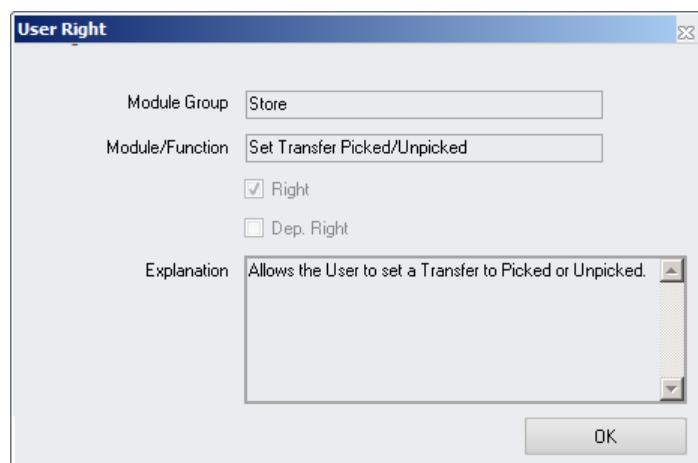
A new function was added to mark transfers as “picked”.

This could be used to mark documents as e.g. prepared by the store staff, ready to be booked.

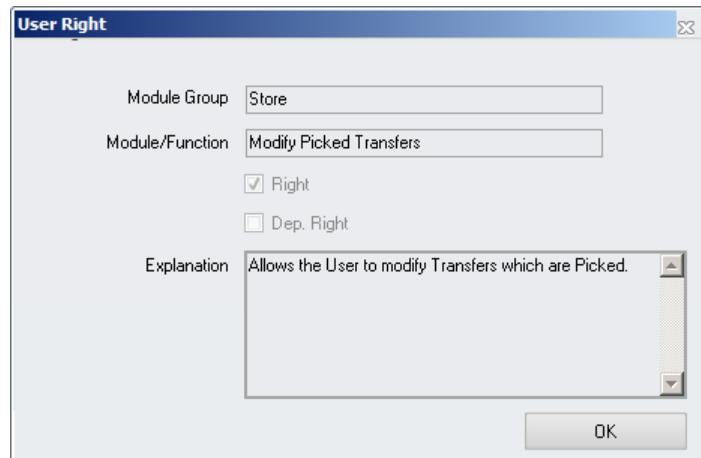
The functionality is secured by two new user rights in the section Store:



Details:

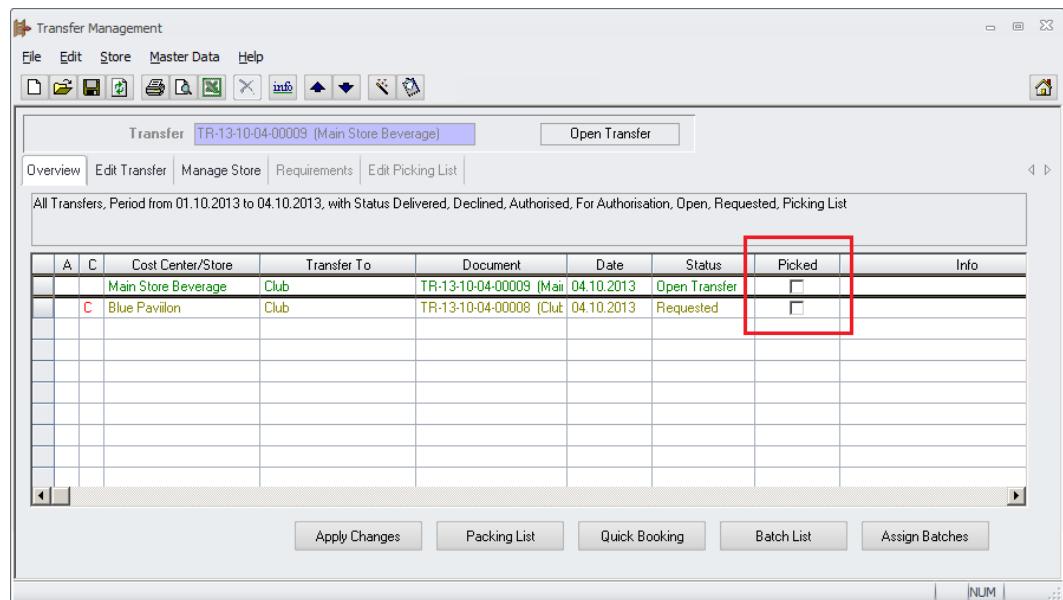


- If this right is set, the user is allowed to mark a document as “picked”.



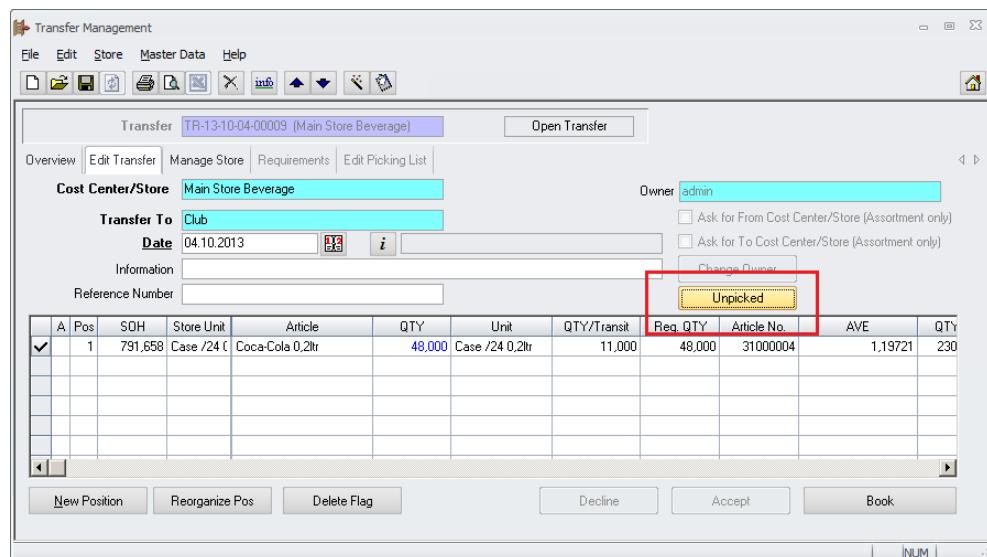
- Having this user right set the user will be able to modify transfers which are marked as "picked". If this right is not set, the user will not be able to change anything in a picked transfer.

Open the Transfer module:

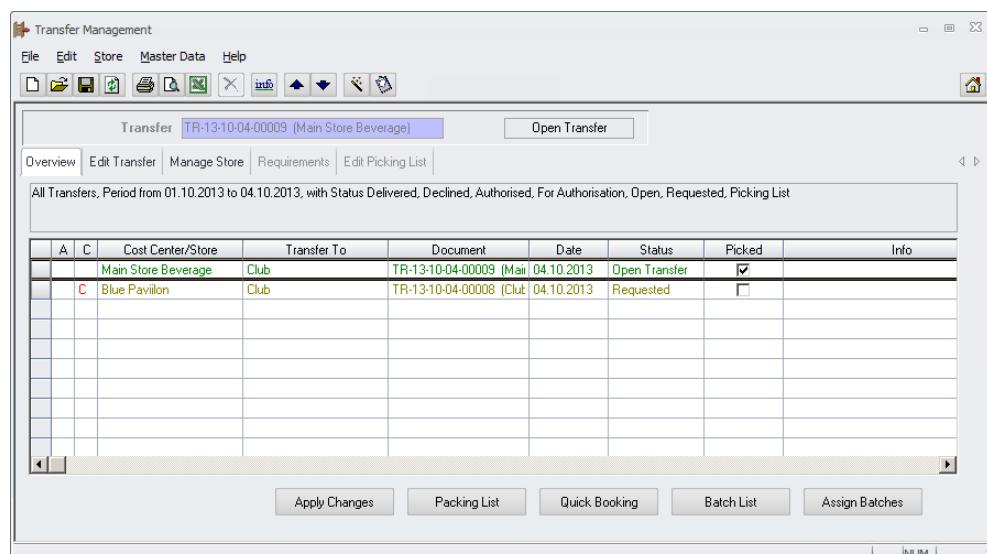


In the Overview screen a new column named "Picked" is shown. This column allows to identify which documents are set to "picked" already.

Open the document:

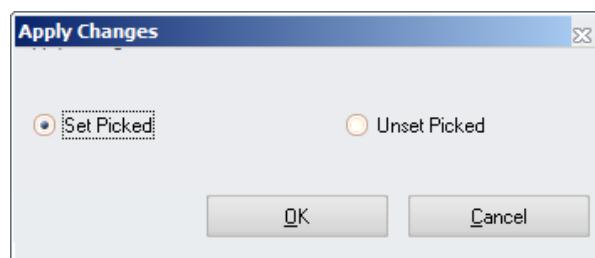


Here a new button shows the current picking status of the document.  
On click the label will change to "Picked". After saving the document will be shown in the overview as "Picked":



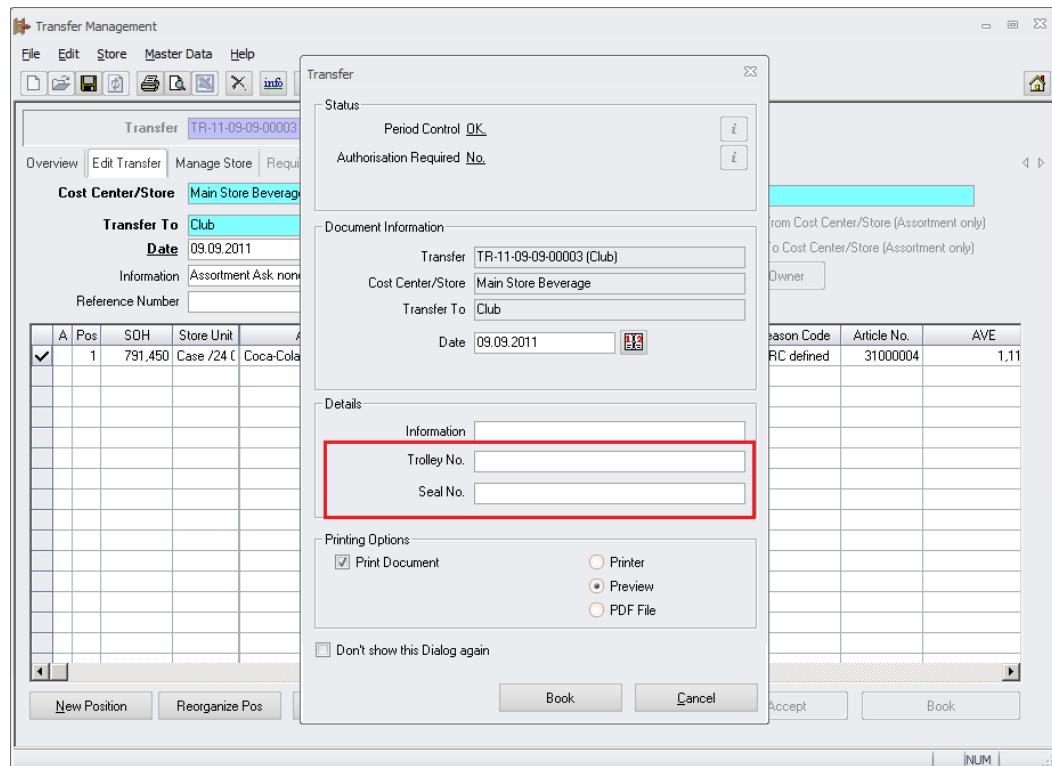
Having this status the document could be changed and/or booked by users having the right "Modify Picked Transfers" only!

The button **Apply Changes** in the Overview screen allows to change the status for multiple documents in one go:

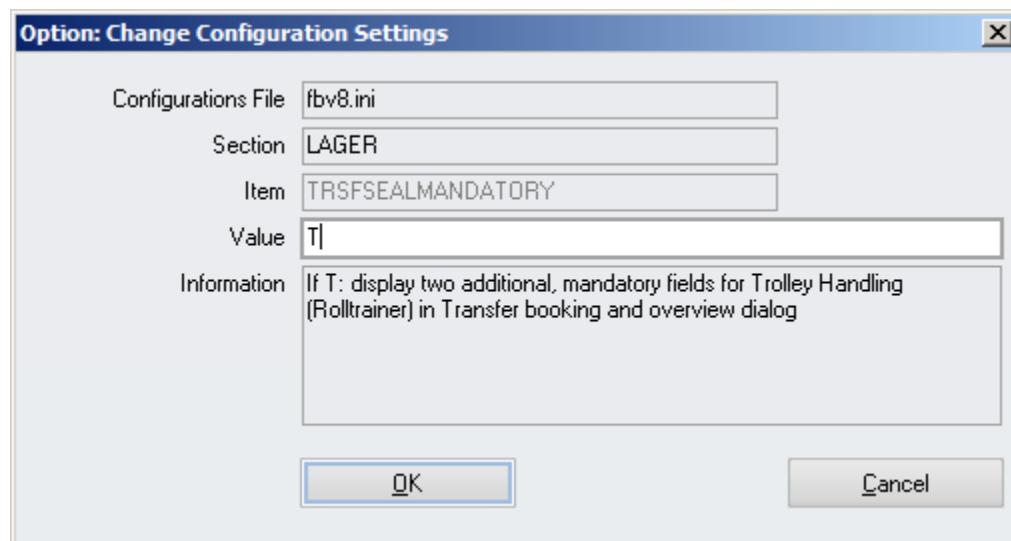


## 41) Transfer > Trolley & Seal Numbers

In version 8.8.6.10.xx the Seal & Trolley numbers were implemented into the Transfer module.

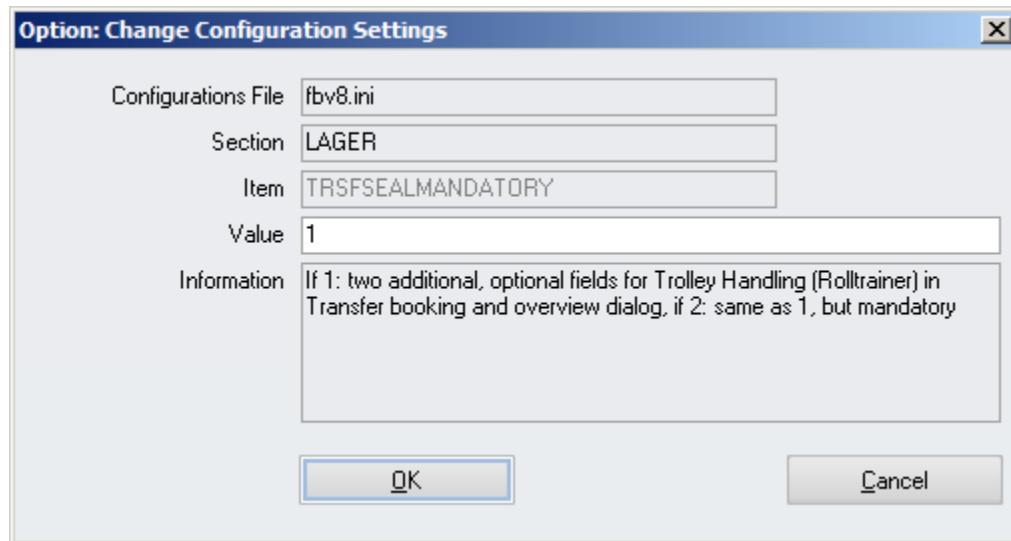


The visibility of these fields is controlled by the following configuration bit:



Originally these were mandatory when activated.

This has been adjusted now:



Instead of using T/F to activate the feature, it was changed to numeric values.

- 0: fields not used and not shown (former F or blank)
- 1: fields shown, but optional
- 2: fields shown and mandatory (former T)

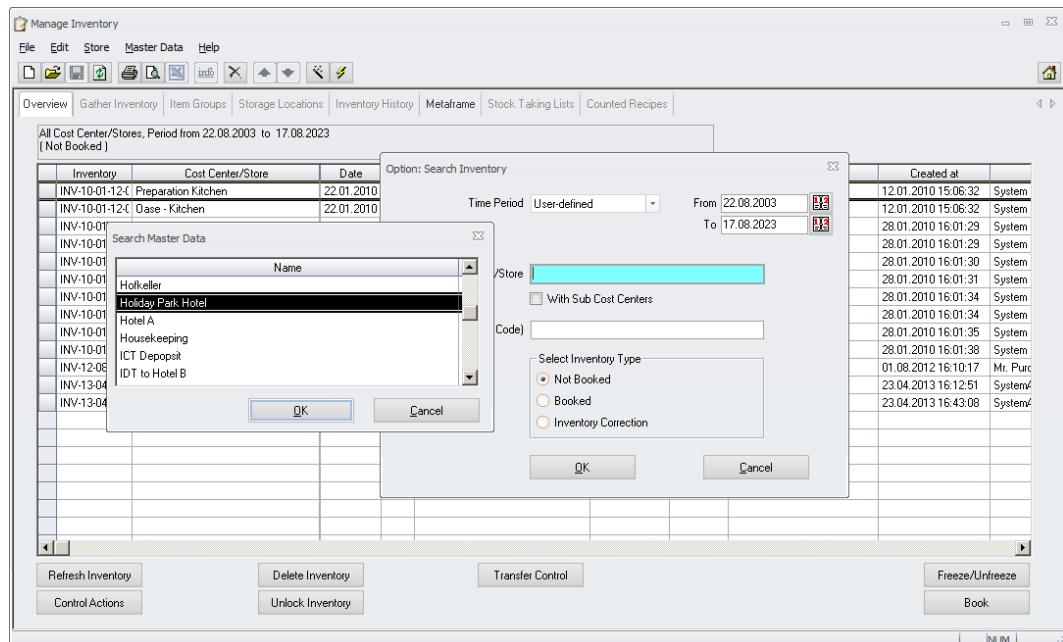
During the DB Update the configuration will be adjusted as follows:

- Value 0 will be set for all databases where the feature was not used before
- Value 2 will be set for all databases where the feature was used before

## 42) Inventory > Statistical Cost Centers

The search dialog in module Inventory was enhanced to allow statistical cost centers as search filters as well:

Since statistical cost centers do not have SOH, these were not available in the search dialog in previous versions. This has been changed now:

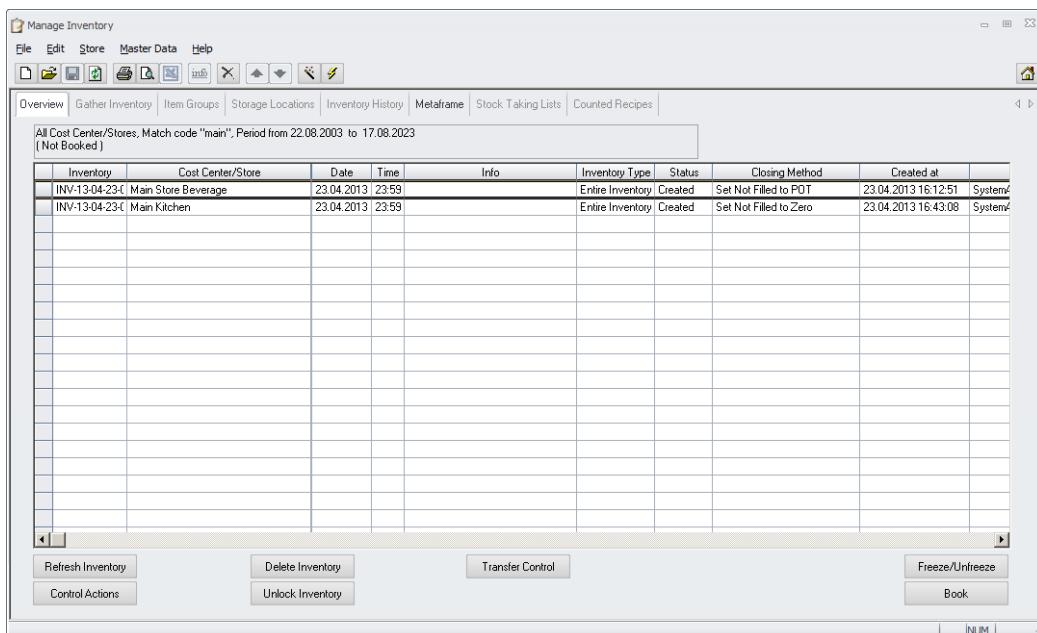
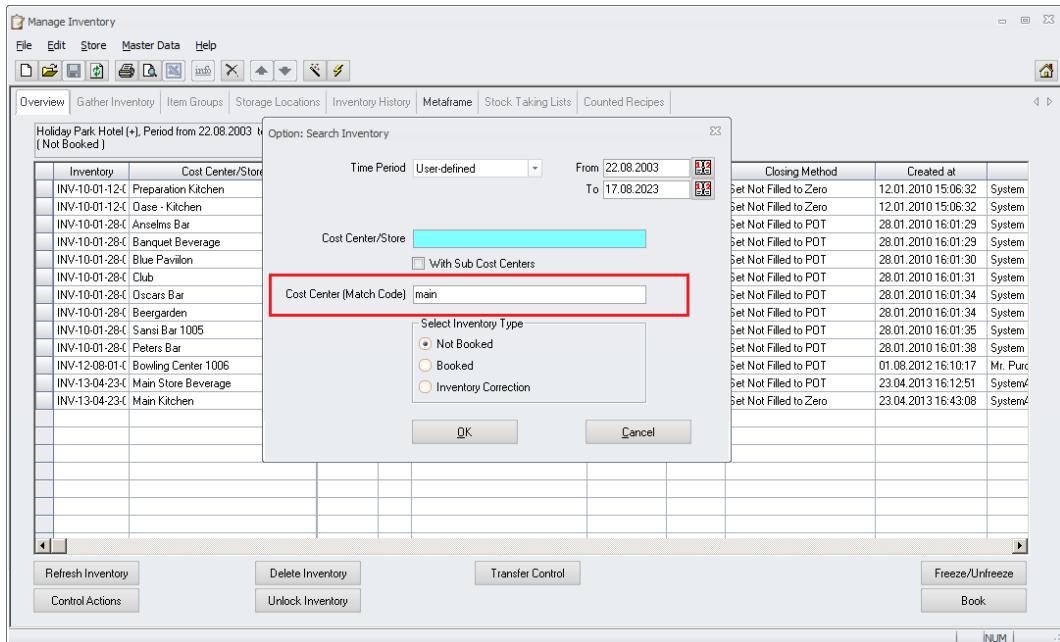


After selection of the statistical cost center and activation of the check box "With Sub Cost Centers", the application will consider all cost centers and stores assigned to the selected statistical cost center.

Still the statistical cost center itself will not be shown in the list since it cannot have SOH.

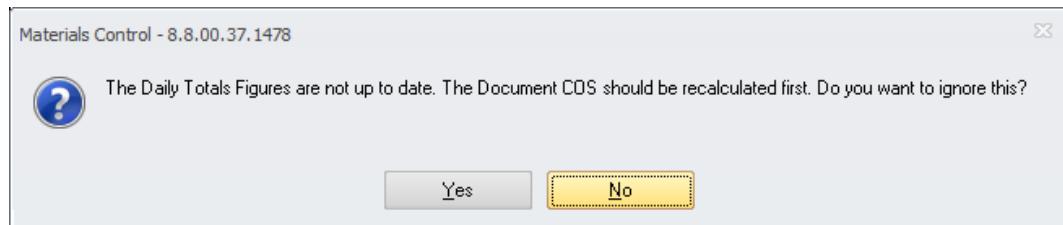
### 43) Inventory > Cost Centers String Search

The search dialog in the Inventory module now also allows to use a string as search filter.



## 44) Inventory > DTTLs Check at Booking

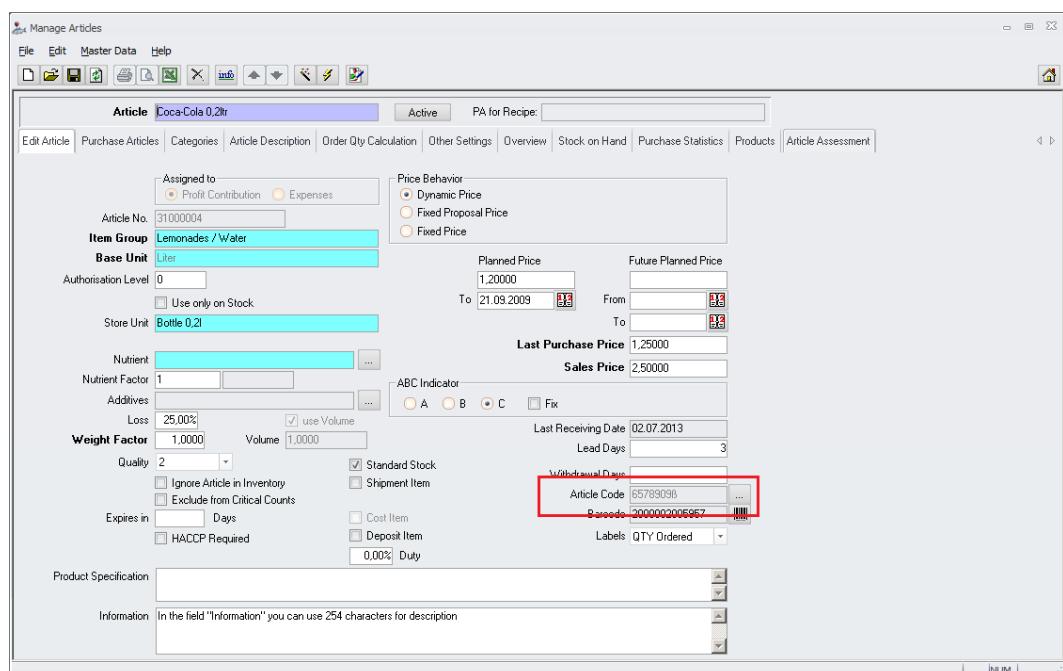
A new integrity check was added to the module Inventory. This check will show a warning if the details in the Daily Totals may not be up-to-date.



This could occur if e.g. delivery notes with past data were corrected and the job "Recalculation of COS from Documents" was not executed. For further details please see the updated manual "130\_MC\_DailyTotals".

## 45) Inventory > Article Code on Reports

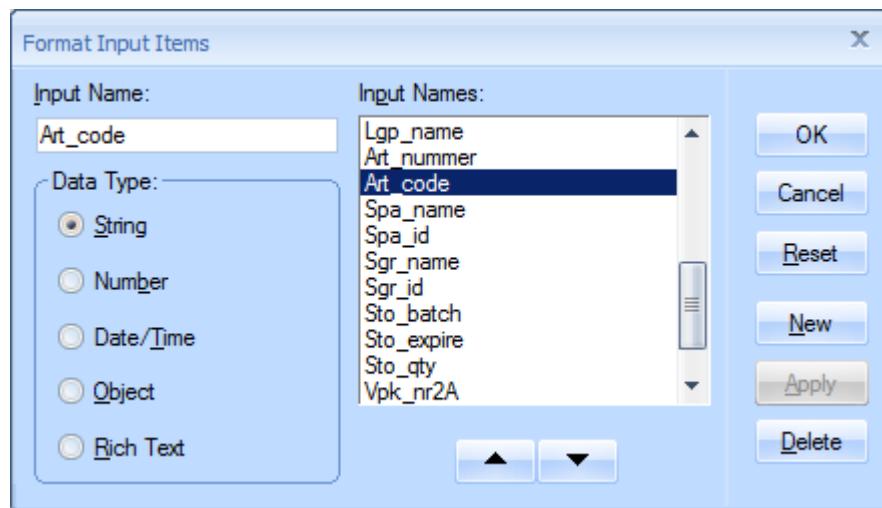
The article code defined in Master Data > Manage Articles ....



... could now also be added to reports printed from module Inventory Overview:

This report item is not added to the standard report layouts by default. It needs to be added manually where required!

After first execution of the report with Materials Control 8.8.10.xx the input item will be generated automatically.



Manual creation is also possible.

Once created it must be added to the report template layouts. Please make sure that the report templates are saved as c\_{report\_name}.qrp to ensure that your changes are not overwritten after next update.

## V. Production:

### 46) Recipes > Nutrients Licensing Warning

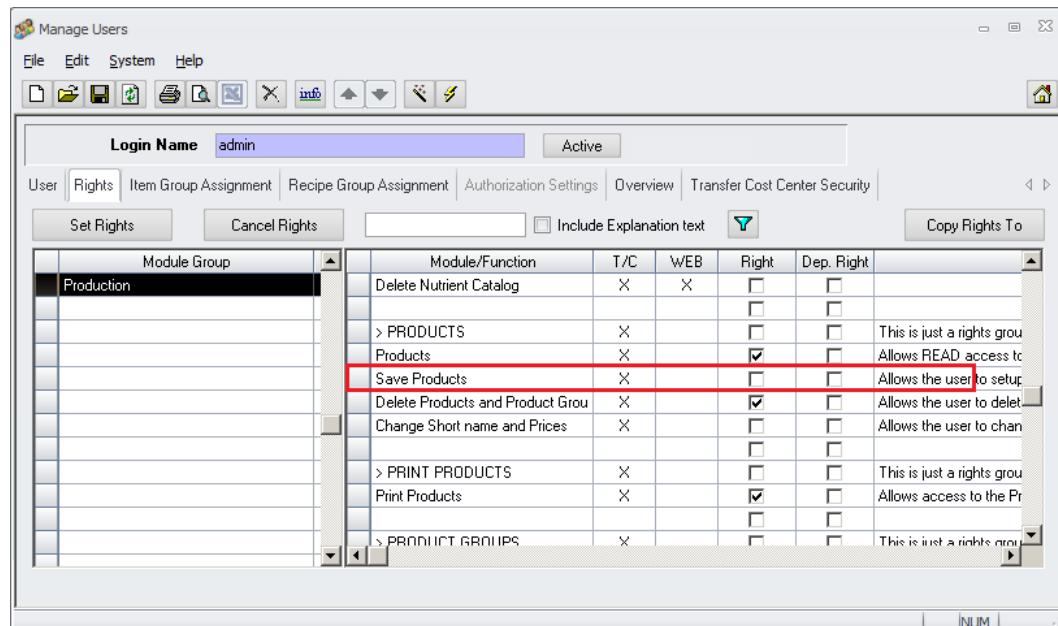
When using the Nutrients in the Recipes module, the system will now show a warning/notice regarding the nutrient catalogue licensing at first call.

For further details please see the detailed explanation in either the [chapter below](#) or in the updated document "55\_MC\_Manual\_Nutrients".

### 47) Recipes > Recipe-/Product Name Change

When changing the name of a recipe the application in former versions offered always to change the name of the products as well.

This behaviour was changed now. The popup of this dialog and the connected function to rename the linked products is now shown only if the user has the right to save products as well:

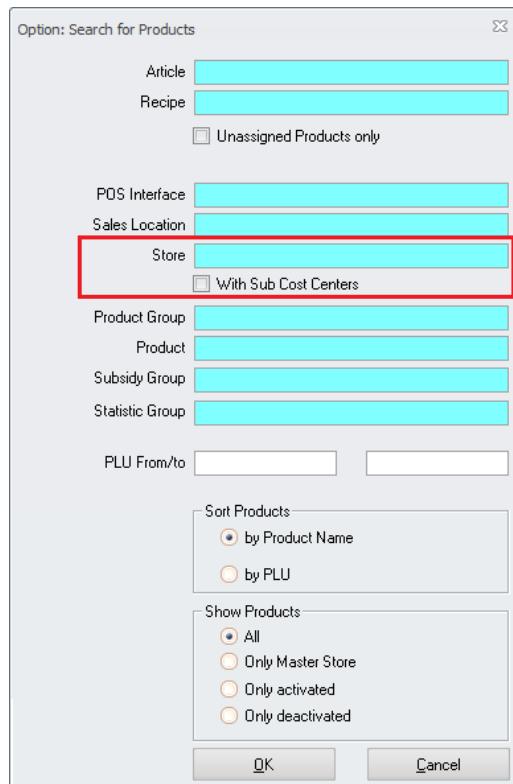


If this right is not set, the dialog is not shown and the recipe name only could be changed.

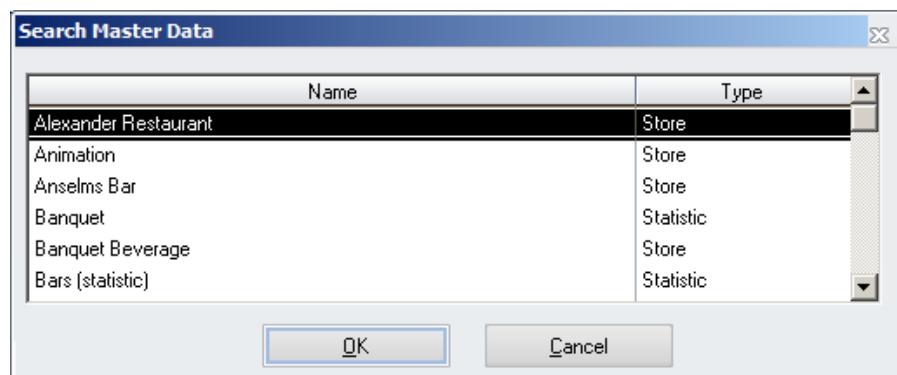
## 48) Products > Filter Options

The Search/Filter dialog in module Products was enhanced to make bulk changes a bit easier.

Go to Production > Products and click on the  icon. Now the filter dialog is displayed:



- As first change it now allows to select a store including its sub cost centers.
- The second change is directly linked to this search option. Please the cursor in the Store selector and press ENTER:



The list now shows at the right end the type of the store.

These enhancements now allow to identify easily a statistical store and select this including its sub cost centers as filter selection.

## 49) POS Interfaces > WebServices based 3700

The revenue transfer from MICROS RES 3700 to Materials Control has been changed.

- Master Data still is transferred via ODBC from the RES Server to the Materials Control client.
- Revenue is transferred from MICROS RES to the Materials Control POSWebService.

This new way of revenue transfer could be used for MICROS EM installations as well. This eliminates the issues of transferring the revenue files from the local RES server to the central Materials Control location.

For further details please see the updated documentation "10\_MC\_Manual\_Interfaces\_3700" and the related RES documentation.

## 50) Additives > Allergens

The most common allergens have been added to the (standard) English additive files.

## 51) Nutrients > New supported Catalogues

Materials Control now also offers support for the CoFIDS catalogue, 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 chapter "[Nutrients > Catalogue Licensing](#)"

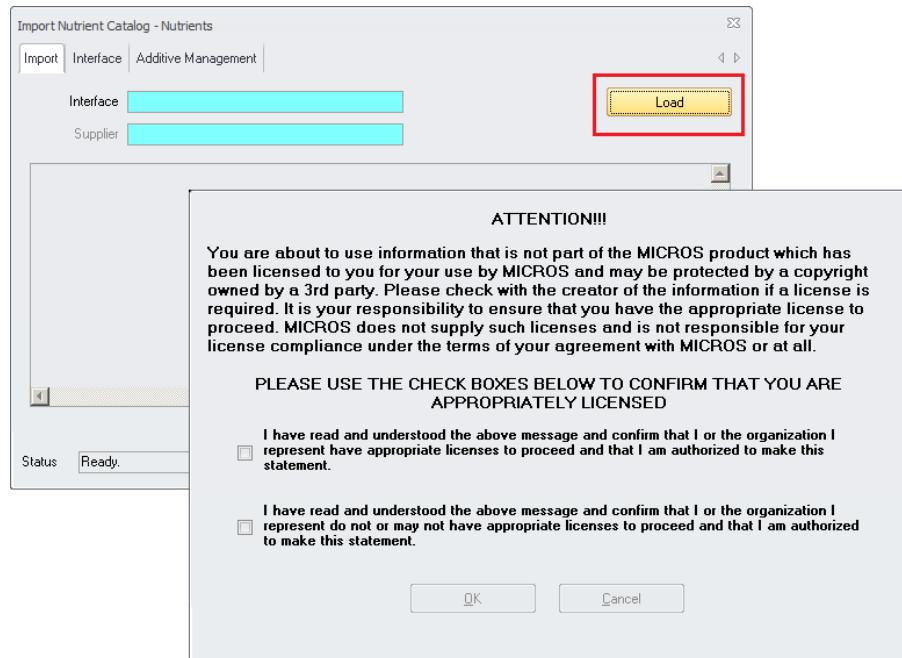
## 52) Nutrients > Catalogue Licensing

Due to copy rights and ownership 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.

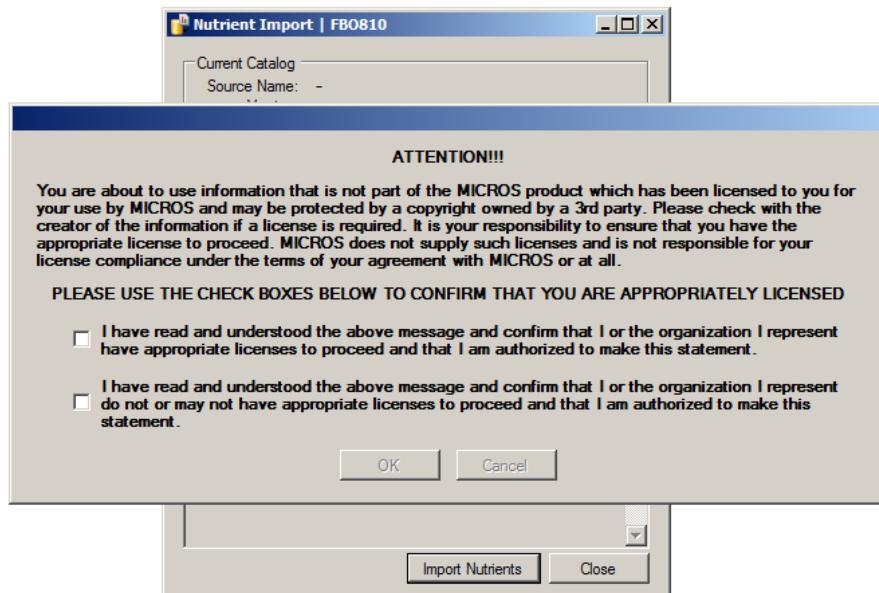
Since the handling is different in each country, MICROS does not deliver such licenses with the application.

When using the first time any function related to Nutrients ...

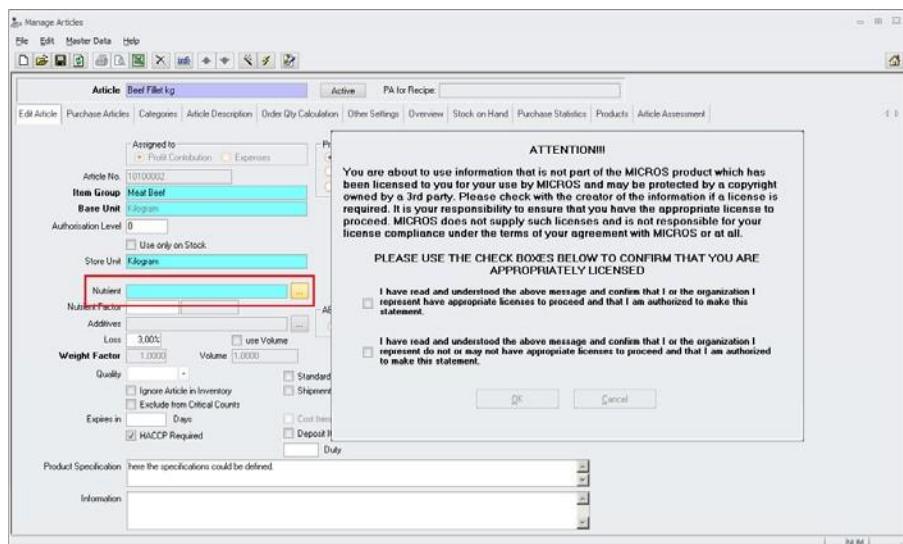
- ... importing Nutrients using the thick client module



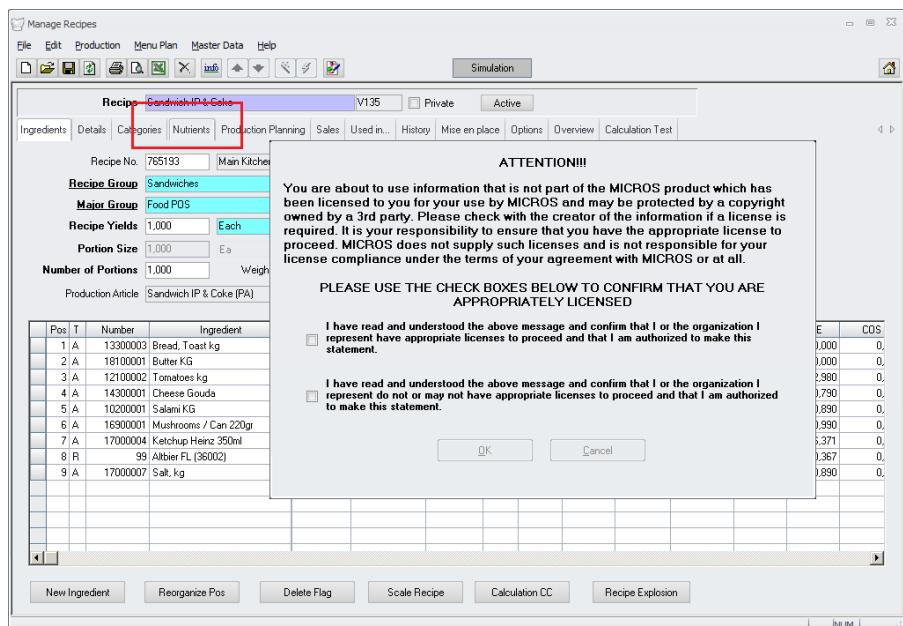
➤ ... importing Nutrients using the stand-alone tool



➤ ... adding Nutrients to Articles



➤ ... showing Nutrients in Recipes



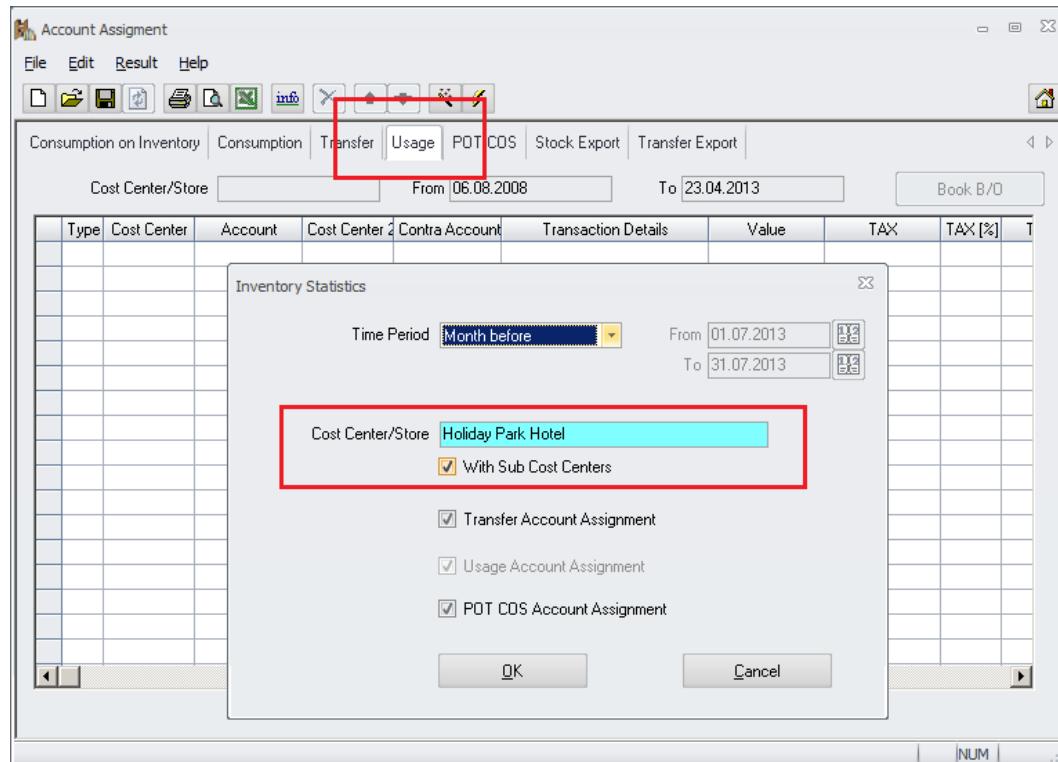
... the application now shows a dialog where the user needs to confirm that he understood that Materials Control does not contain any Nutrient Catalogue licenses and he has to take care about the potentially required licenses for the used catalogue.

The positive confirmation will be stored in the database. Once the application could read this, the dialog will no longer be shown.

## VI. Results:

### 53) Consumption on Inventory > Book Usages

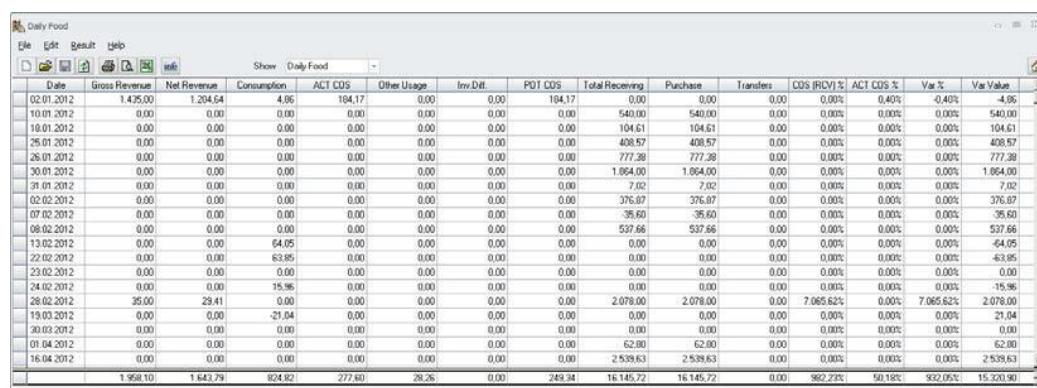
The module Consumption on Inventory was enhanced to support the export of usages to the B/O System for a range of cost centers in one step.



When opening the tab, the system shows the options dialog to define the data set to be populated. Here now the usual option "With Sub Cost Centers" was added. This allows to load data for a range of cost centers and then to export.

### 54) Daily Food > Additional Columns

The module Daily Food and its report have been enhanced with some more columns:



Date	Gross Revenue	Net Revenue	Consumption	ACT COS	Other Usage	Inv.Dlt.	POT COS	Total Receiving	Purchase	Transfers	COS (RCV) %	ACT COS %	Var %	Var Value
02.01.2012	1.475,00	1.204,64	4,06	104,17	0,00	0,00	104,17	0,00	0,00	0,00	0,00%	0,40%	-0,40%	-4,06
10.01.2012	0,00	0,00	0,00	0,00	0,00	0,00	0,00	540,00	540,00	0,00	0,00%	0,00%	0,00%	540,00
18.01.2012	0,00	0,00	0,00	0,00	0,00	0,00	104,61	104,61	0,00	0,00	0,00%	0,00%	0,00%	104,61
25.01.2012	0,00	0,00	0,00	0,00	0,00	0,00	408,57	408,57	0,00	0,00	0,00%	0,00%	0,00%	408,57
26.01.2012	0,00	0,00	0,00	0,00	0,00	0,00	777,38	777,38	0,00	0,00	0,00%	0,00%	0,00%	777,38
30.01.2012	0,00	0,00	0,00	0,00	0,00	0,00	1.064,00	1.064,00	0,00	0,00	0,00%	0,00%	0,00%	1.064,00
31.01.2012	0,00	0,00	0,00	0,00	0,00	0,00	7,02	7,02	0,00	0,00	0,00%	0,00%	0,00%	7,02
02.02.2012	0,00	0,00	0,00	0,00	0,00	0,00	376,07	376,07	0,00	0,00	0,00%	0,00%	0,00%	376,07
07.02.2012	0,00	0,00	0,00	0,00	0,00	0,00	35,60	35,60	0,00	0,00	0,00%	0,00%	0,00%	35,60
08.02.2012	0,00	0,00	0,00	0,00	0,00	0,00	537,66	537,66	0,00	0,00	0,00%	0,00%	0,00%	537,66
13.02.2012	0,00	0,00	64,05	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00%	0,00%	0,00%	64,05
22.02.2012	0,00	0,00	63,95	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00%	0,00%	0,00%	63,95
23.02.2012	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00%	0,00%	0,00%	0,00
24.02.2012	0,00	0,00	15,96	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00%	0,00%	0,00%	-15,96
28.02.2012	35,00	29,41	0,00	0,00	0,00	0,00	2.079,00	2.079,00	0,00	0,00	7,065,62%	0,00%	7,065,62%	2.079,00
19.03.2012	0,00	0,00	-21,04	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00%	0,00%	0,00%	21,04
30.03.2012	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00%	0,00%	0,00%	0,00
01.04.2012	0,00	0,00	0,00	0,00	0,00	0,00	0,00	62,00	62,00	0,00	0,00%	0,00%	0,00%	62,00
16.04.2012	0,00	0,00	0,00	0,00	0,00	0,00	2.539,63	2.539,63	0,00	0,00	0,00%	0,00%	0,00%	2.539,63
	1.958,10	1.643,79	824,92	277,60	29,26	0,00	249,34	16.145,72	16.145,72	0,00	982,23%	50,18%	982,09%	15.320,90

Preview - D:\Program Files\MICROS 800\qrp\_eng\erg\_df.qrp

File View Print

**MICROS-FIDELIO DEMO (Jörg Trommeschläger)** Systems Management SystemAdministrator  
**Daily Food** 04.06.2013 17:19

**Holiday Park Hotel(+)**  
 From 01.01.2012 to 31.12.2012

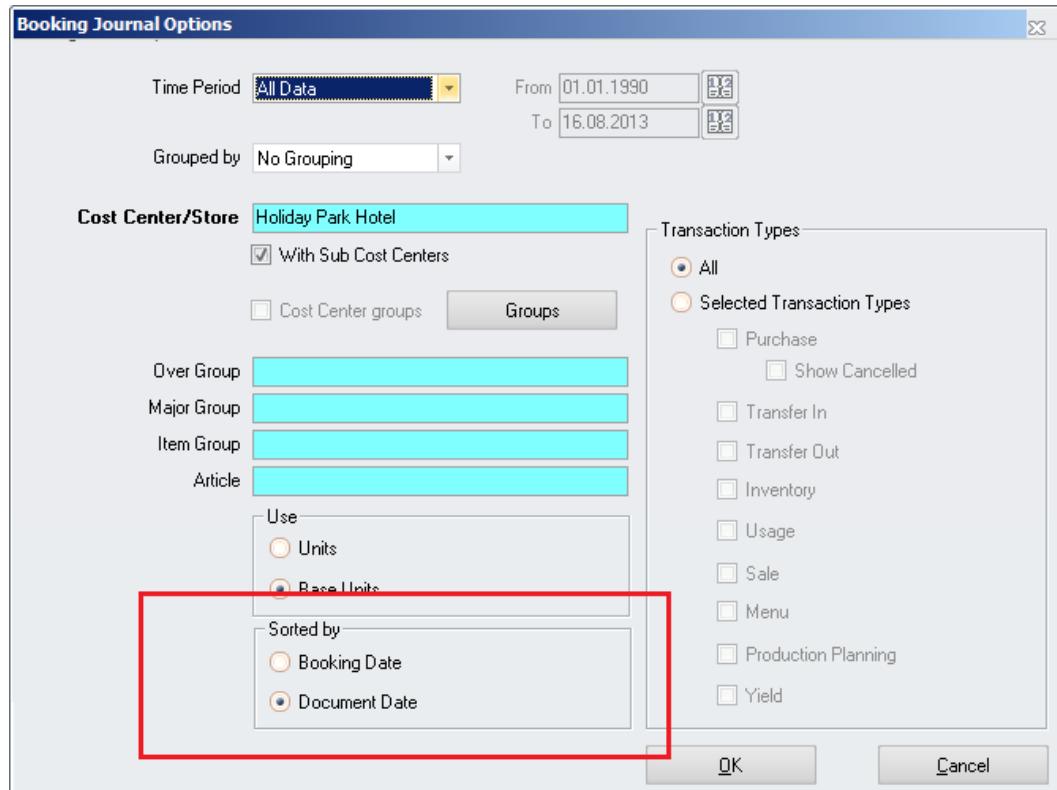
Date	Net	MC	Act-COS	O. Usages	Inv. Diff.	Pot-COS	Pur. tot.	Purch.	Transfer	COS (RCV)%	ACT COS %	VAR %	VAR Value
02.01.12	1.204,64	4,86	184,17	0,00	0,00	184,17	0,00	0,00	0,00	0,00	0,40	-0,40%	-4,86
10.01.12	0,00	0,00	0,00	0,00	0,00	0,00	540,00	540,00	0,00	0,00	0,00	0,00%	540,00
18.01.12	0,00	0,00	0,00	0,00	0,00	0,00	104,61	104,61	0,00	0,00	0,00	0,00%	104,61
25.01.12	0,00	0,00	0,00	0,00	0,00	0,00	408,57	408,57	0,00	0,00	0,00	0,00%	408,57
26.01.12	0,00	0,00	0,00	0,00	0,00	0,00	777,38	777,38	0,00	0,00	0,00	0,00%	777,38
30.01.12	0,00	0,00	0,00	0,00	0,00	0,00	1.864,00	1.864,00	0,00	0,00	0,00	0,00%	1.864,00
31.01.12	0,00	0,00	0,00	0,00	0,00	0,00	7,02	7,02	0,00	0,00	0,00	0,00%	7,02
02.02.12	0,00	0,00	0,00	0,00	0,00	0,00	376,87	376,87	0,00	0,00	0,00	0,00%	376,87
07.02.12	0,00	0,00	0,00	0,00	0,00	0,00	-35,60	-35,60	0,00	0,00	0,00	0,00%	-35,60

At the right end four more columns are visible:

- COS (RCV) %: Cost of sales %, based on Receiving
  - Calculation: Total Receiving / Net Revenue
- ACT COS %: Cost of Sales %, based on existing field "ACT COS"
  - Calculation: Consumption / Net Revenue
- Var %: Variance %
  - Calculation: COS (RCV) % - ACT COS %
- Var Value: Variance in amount
  - Calculation: Total Receiving - Consumption

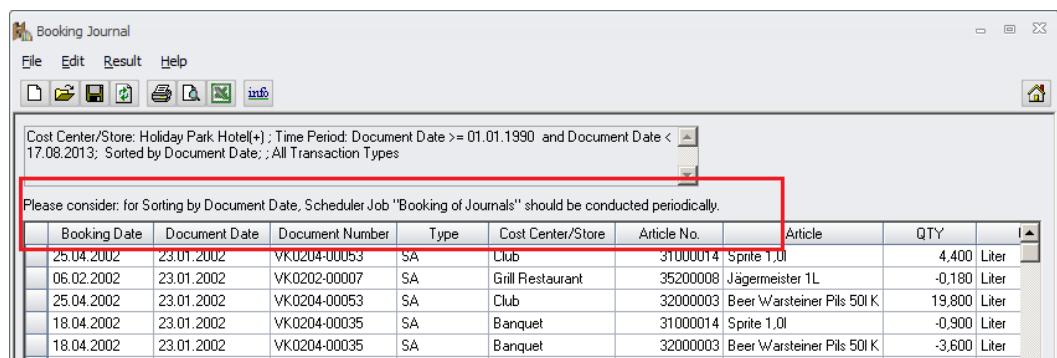
## 55) Booking Journal > Sorting by Document Date

The Booking Journal offers an option to sort the records by document date.



In certain scenarios this option requires that the scheduled job "Booking of Journals" is executed. Otherwise it might happen that none or not all records are displayed properly.

A message was added to the module, displayed only if this option was selected, to remind the user to execute this job!



NOTE: This job should be executed on a daily basis during the night at each installation!

## VII. System:

### 56) 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+2mA\W82LU3Ceig=
1000002	angegas	BX5wJcRLL93cNgeCai8w/UUvyT+0=
1000003	danigra	U+V1Bcqh8FEm182iGI8dKCzG4b8=
1000004	gianmas	1eDigumP+D9qTfgwZAYC5/bFjkw=
1000005	maurdej	Slit5Pm1T8BkaiHY10cYsH0Xes=

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!**

## 57) Configuration > SysDaily\_Time Format

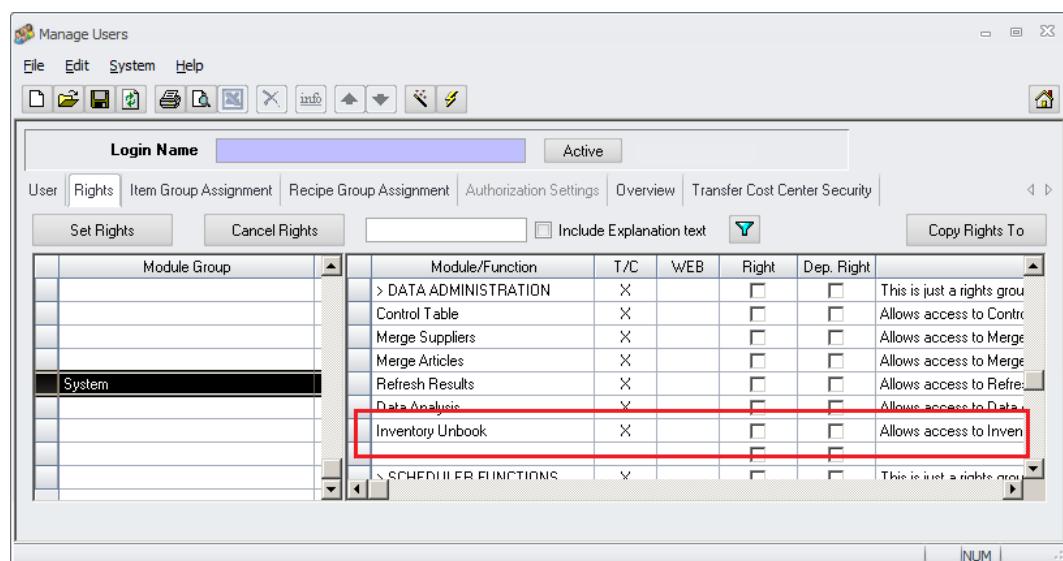
The behaviour of this parameter was adjusted to support multiple recalculations per day properly. The reference date is now stored with date and time stamp. For further details please see the updated manual “130\_MC\_DailyTotals”.

## 58) Data Administration > Unbook Inventory

A new function was added to unbook a closed inventory.

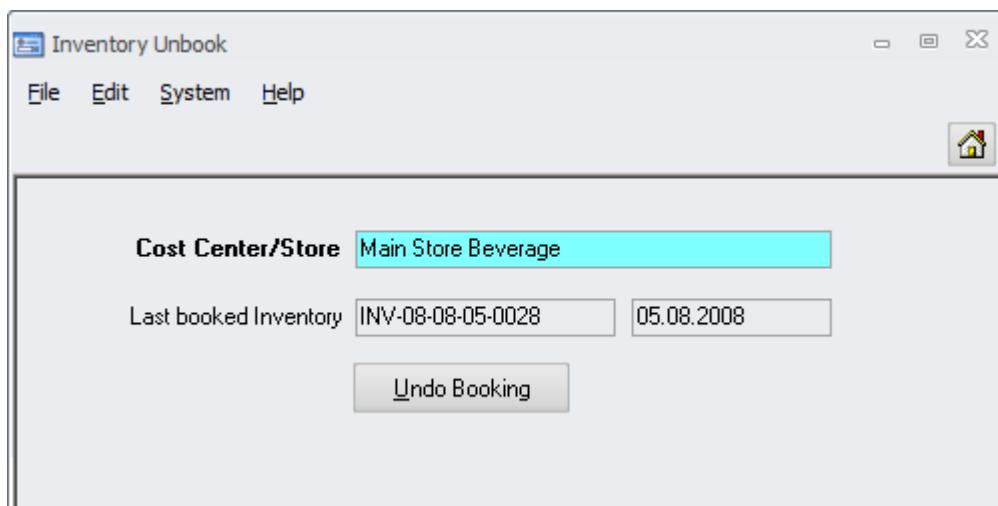
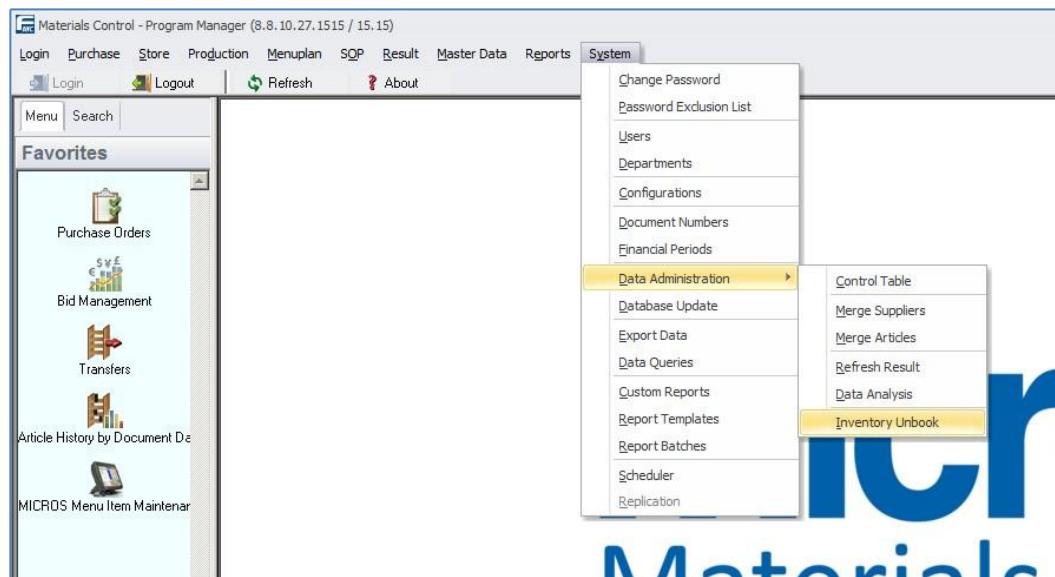
This function could be used for full inventories only. Spot Checks and Inventory Corrections cannot be unbooked!

First of all this function is secured by a user right, which can be found in the section System > Data Administration:

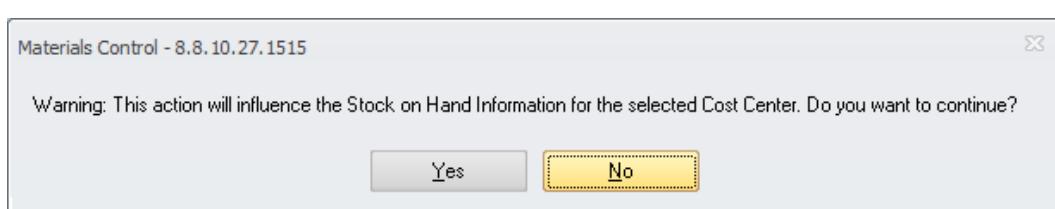


**NOTE:** This function should be allowed for administrative users only!

Once assigned the function is accessible at System > Data Administration > Inventory Unbook:

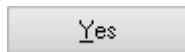


- Select the cost center first. The application will now automatically select the last booked inventory.
- This function could be used only if no open inventory exists for the selected cost center.
  
- After click on the button **Undo Booking** the following message is displayed:



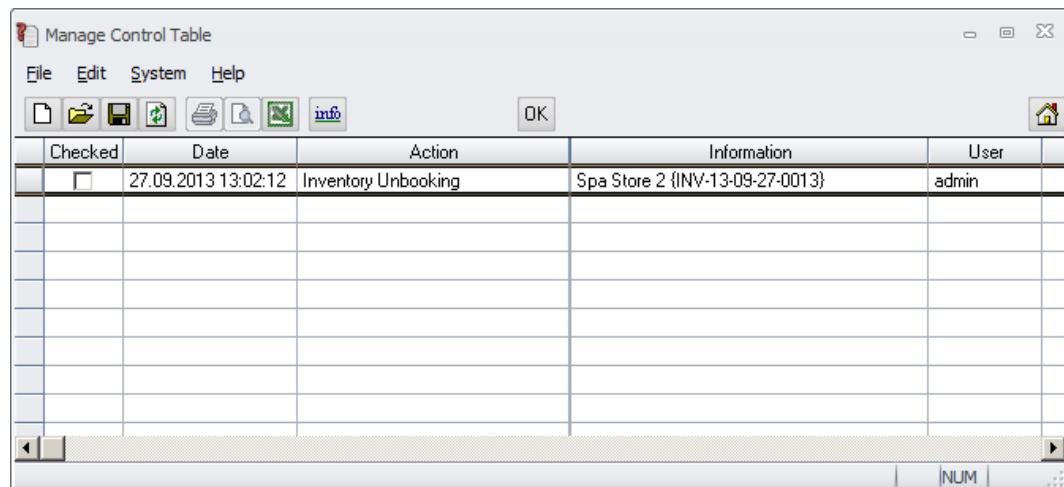
**No**

- Default selection. The system will return to the screen without any action.

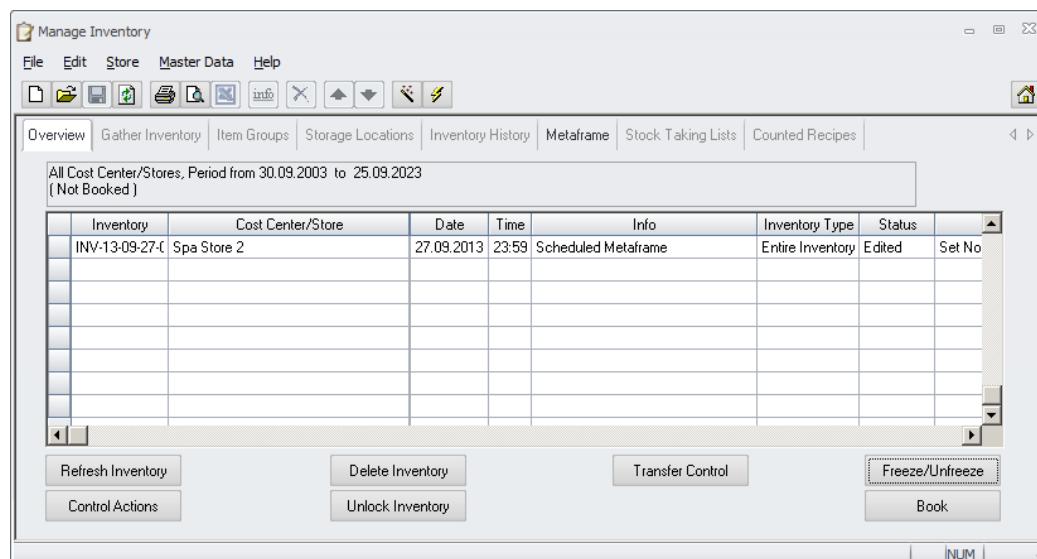


- The system will unbook the selected inventory and the Stock on Hand will be replaced with the SOH before booking the inventory!  
Once completed the field “Last booked Inventory” will be cleared

In addition an entry in the Control Table is written:



The unbooked Inventory will then be shown in status “Edited” and can be processed as usual:



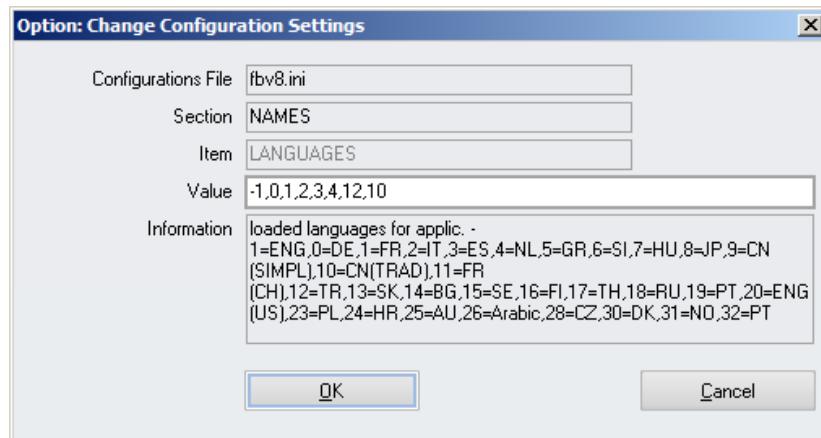
## 59) DB Update > Language Import

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:

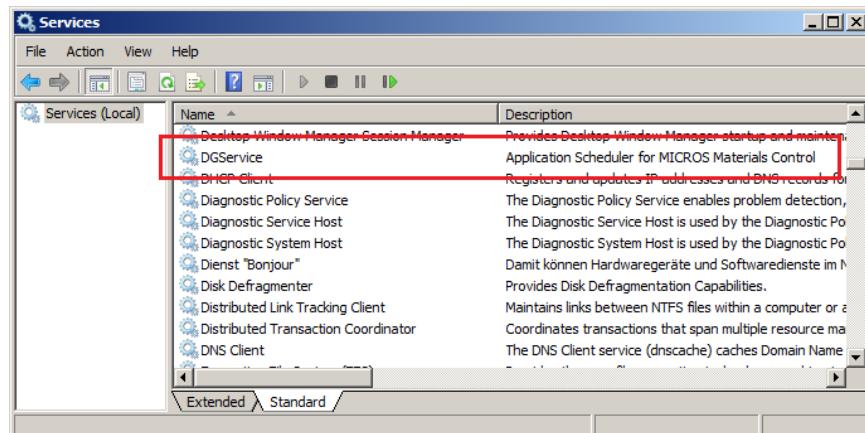


Here only the really required languages should be defined.

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

## 60) Scheduler > Service Name & Description

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



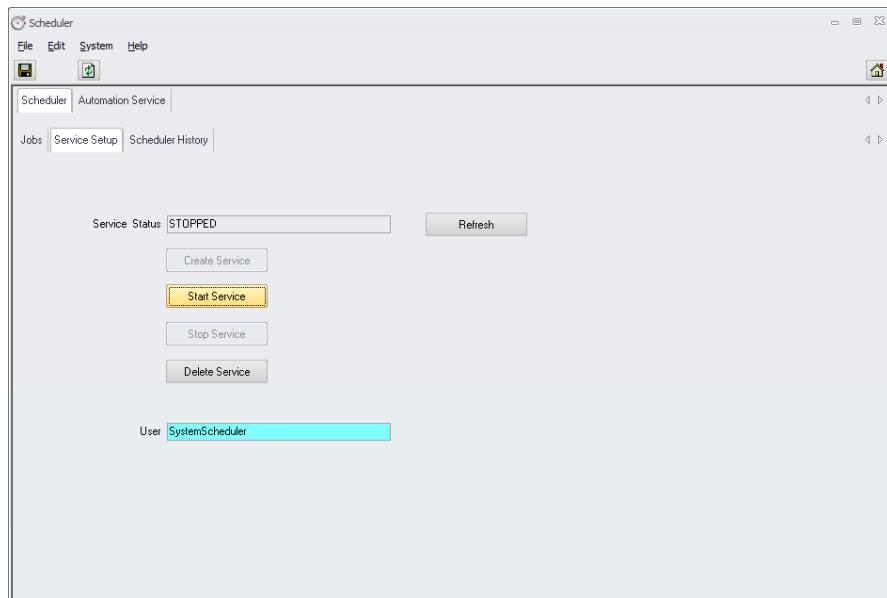
- Name: DGService
- Description: Application Scheduler for MICROS Materials Control

This ensures that the service could be identified properly.

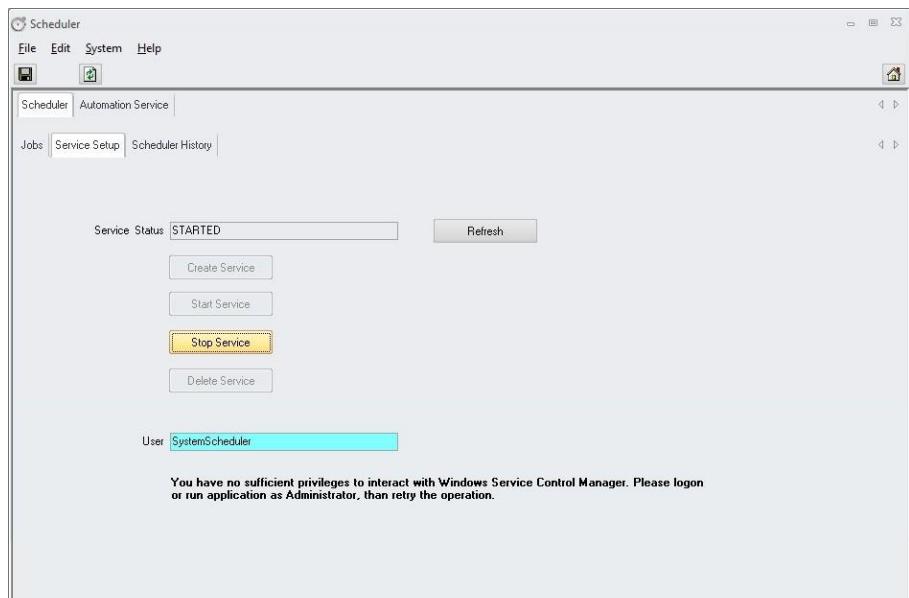
## 61) Scheduler > Windows Service Rights

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.

## 62) 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.

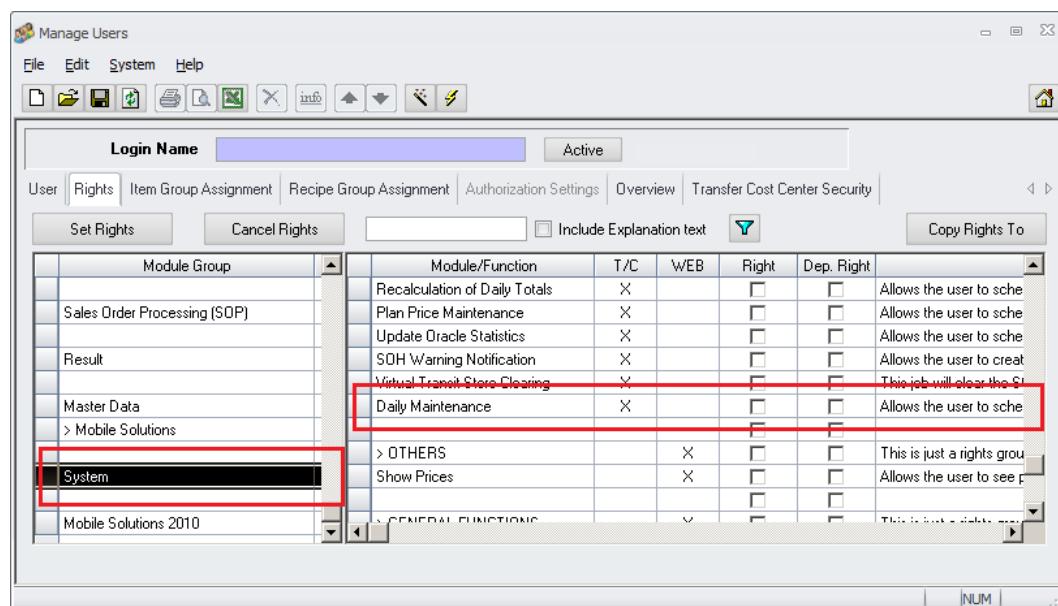
Such jobs are e.g.:

- 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”.

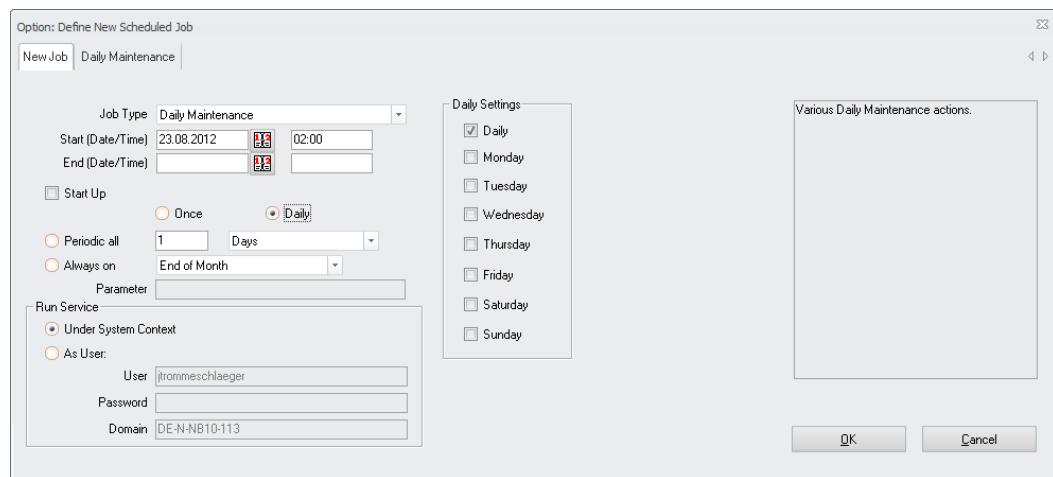
The access to this function is secured by a new user right.

Go to System > Users > Rights:



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

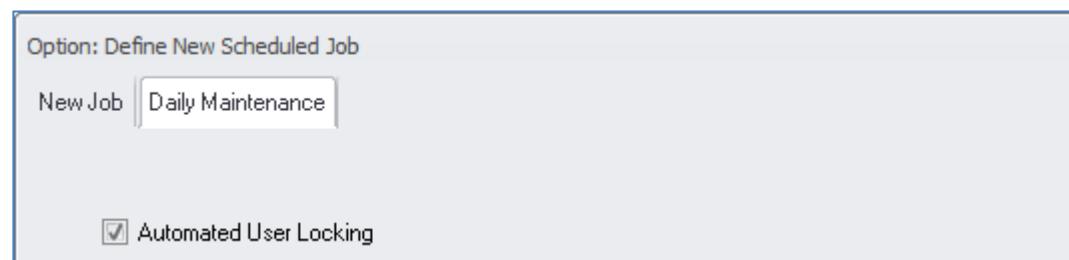
Go to System > Scheduler > click on “New Job”:



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:

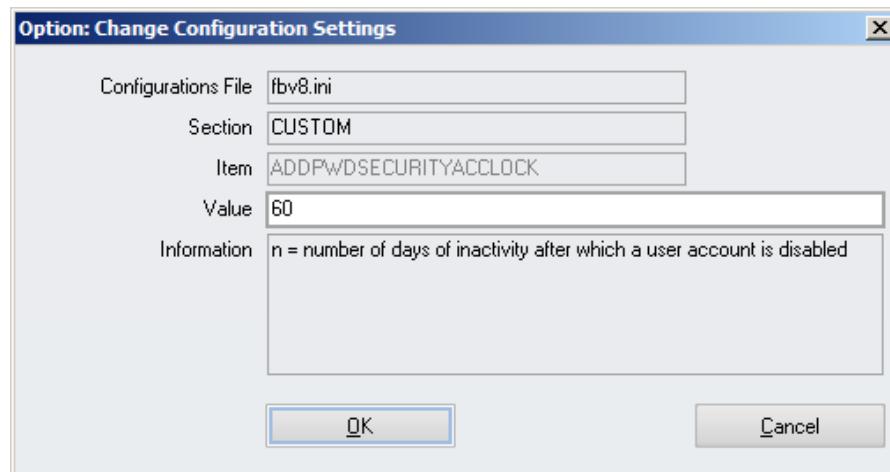


At this point of time just the job "Automated User Locking" is available in the Daily Maintenance.

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.

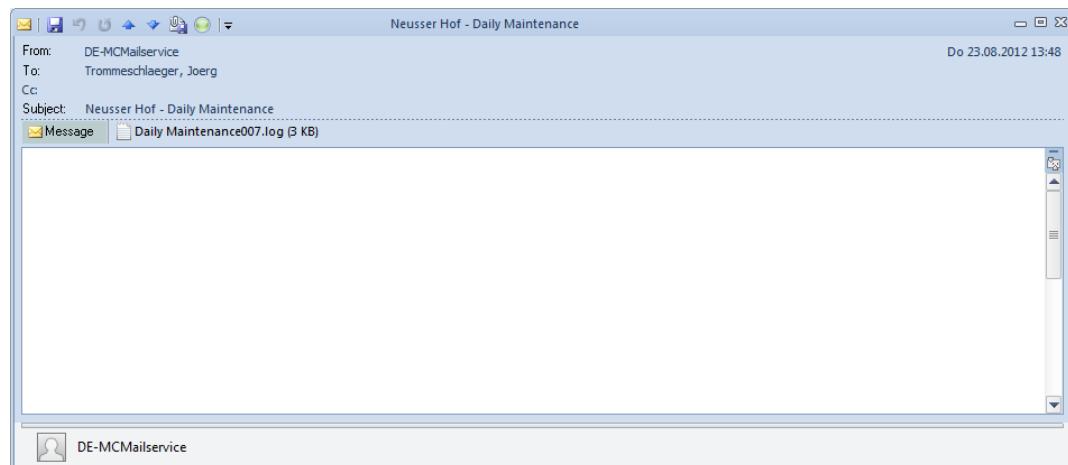
See the configuration:



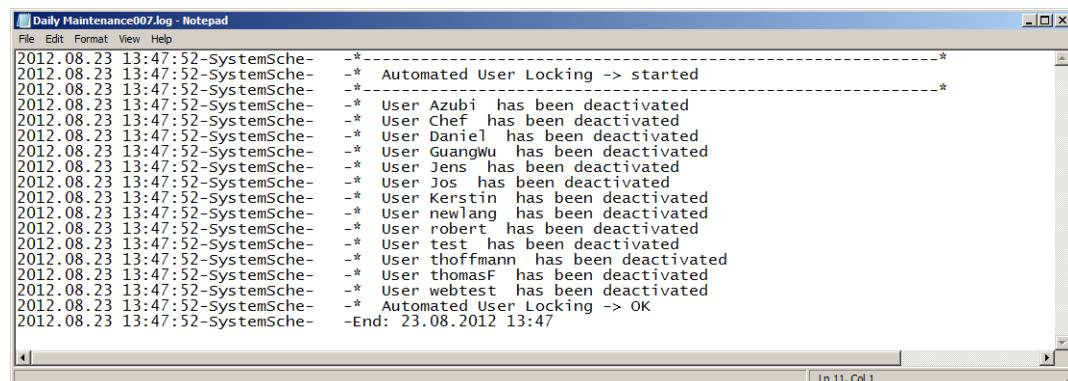
By default this value is defined as 60. This means, all users who did not log in within the last 60 days will be deactivated.

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.



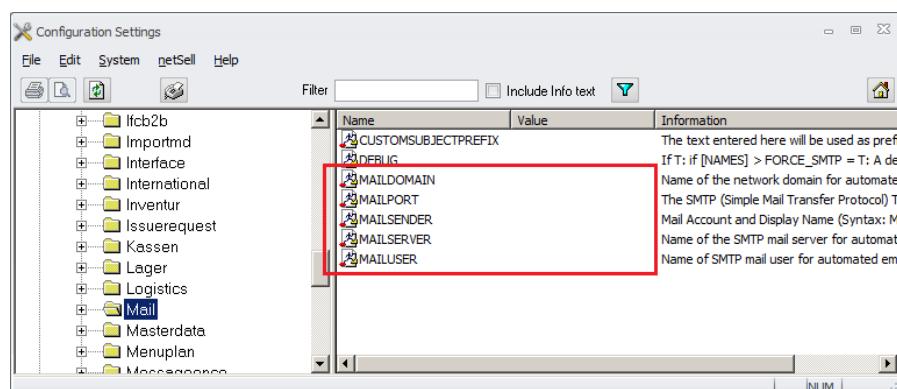
```

2012.08.23 13:47:52-SystemSche- -* Automated User Locking -> started
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

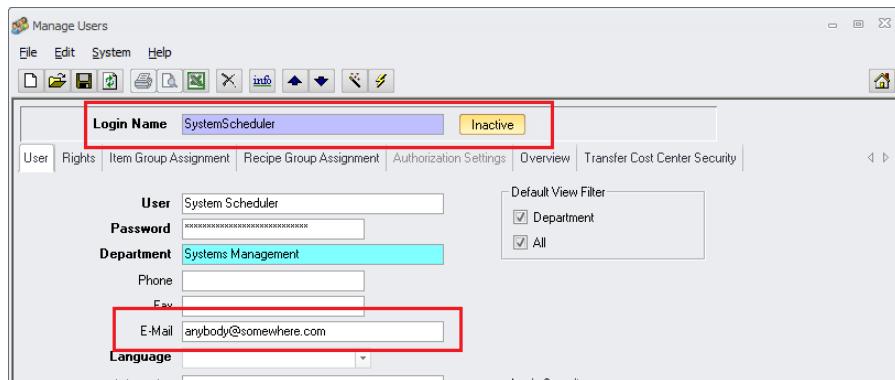
```

#### Pre-requisites:

- Email Configuration must be completed



➤ Scheduler User Definition

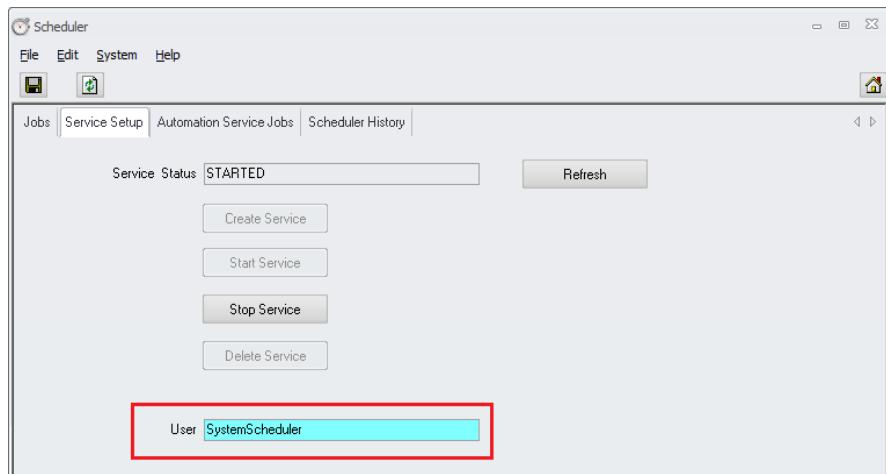


The defined scheduler user needs to be configured properly.

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

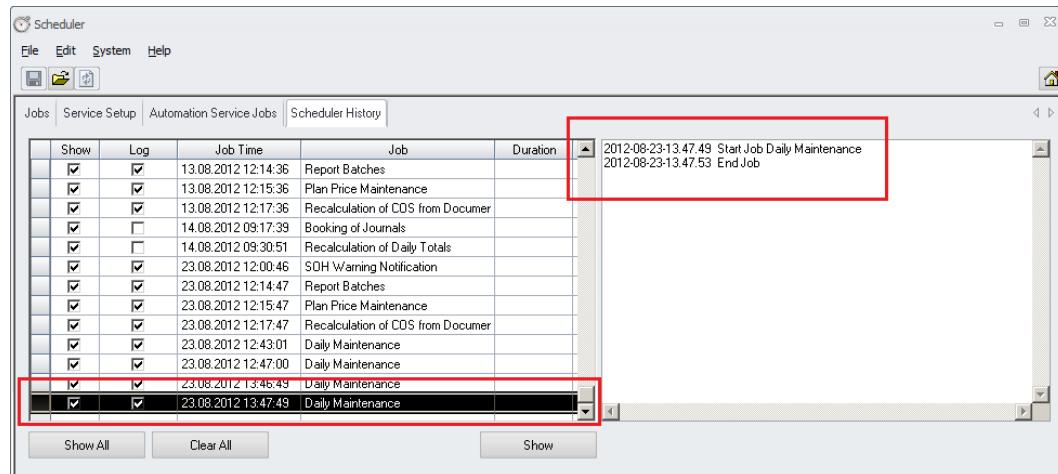
➤ Link "Scheduler User":

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. ...

### **63) 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.

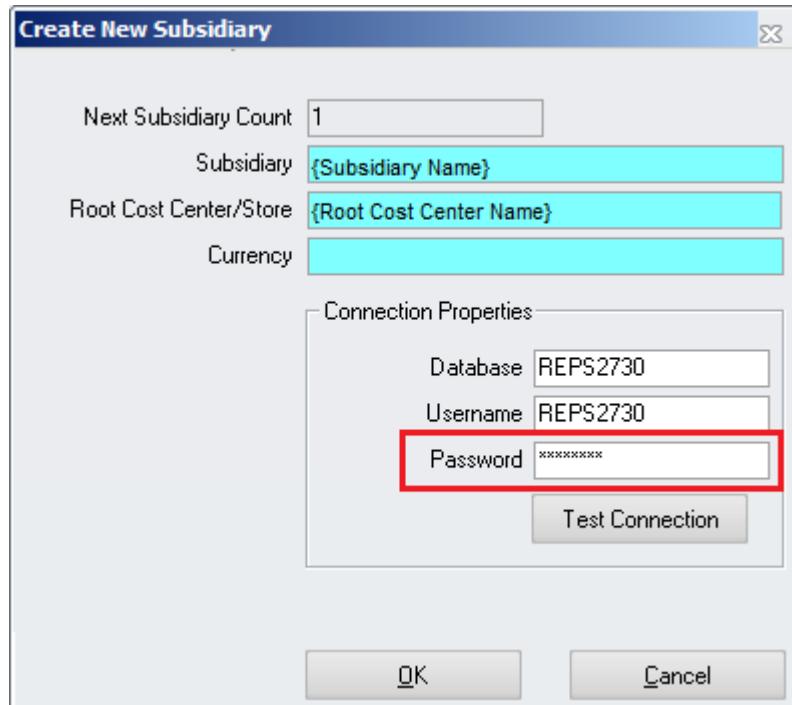
A new section was added to the COMPARE.ORG for this:

```
[CC FILTER]
Table=CC Filter,bsttokst r#besteller b#kostst k,bsttokst,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.

## 64) Replication > Subsidiary Passwords

In order to follow the general security standards the database password used in the module Replication is now encrypted.



In former versions this was stored in clear type in the database. Now this is stored as an encrypted string in the tables.

Please note that there is no rollback or backdoor!

## VIII. Mobile Solutions:

### 65) 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!

### 66) 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.

### 67) 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".

### 68) 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

### 69) 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.

### 70) 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!

## 71) 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 offers 180 DPI, where the two Bixolon printers offer 300 DPI.

➤ Bixolon SLP-D223

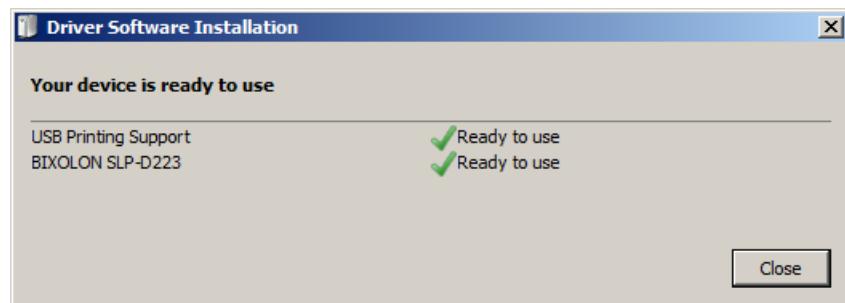
Bixolon SLP-D423DG



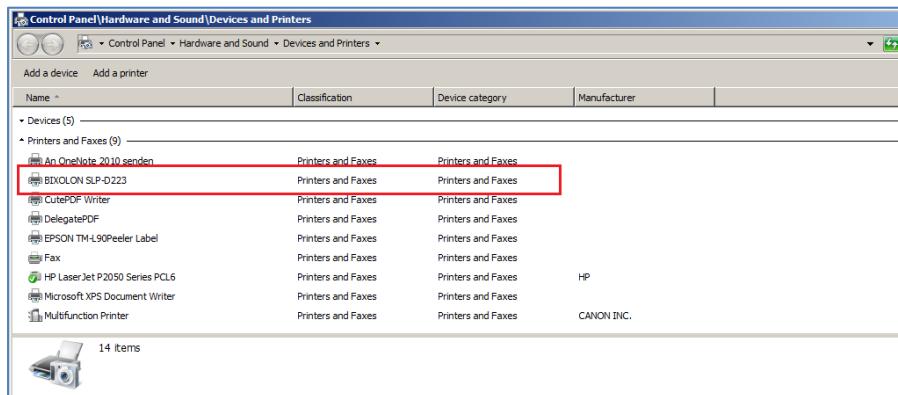
In order to use these printers just follow the steps described below:

- 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:



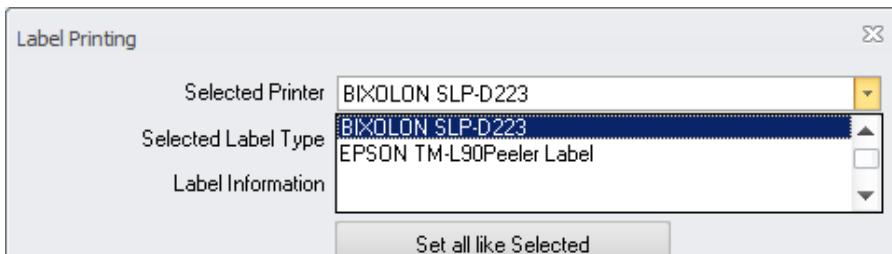
The printer will now be shown in the “Printers and Devices” list.



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.



## 72) 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)

## 73) 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:

### 74) 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.

### 75) MCweb v8.10.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.

### 76) MCweb v8.10.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!

### 77) Internet Explorer 10

Please be informed that MCweb does not support Microsoft Internet Explorer 10.x.

Most screens are working properly, but some are not ideal. One of the main issues is the fixed columns handling which is not supported in the same way in IE 10.

Separate information will be distributed once this is implemented.

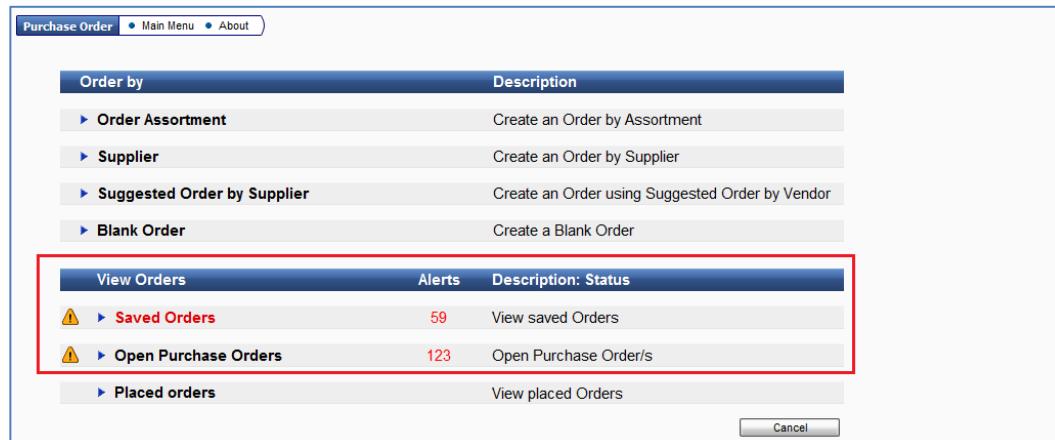
### 78) Browser Configuration

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

## 79) Purchase Order > Date Filters

MCweb now offers a configuration option for the default time period used in the modules...

- View Orders
  - Saved Orders
  - Open Purchase Orders



Purchase Order • Main Menu • About

Order by

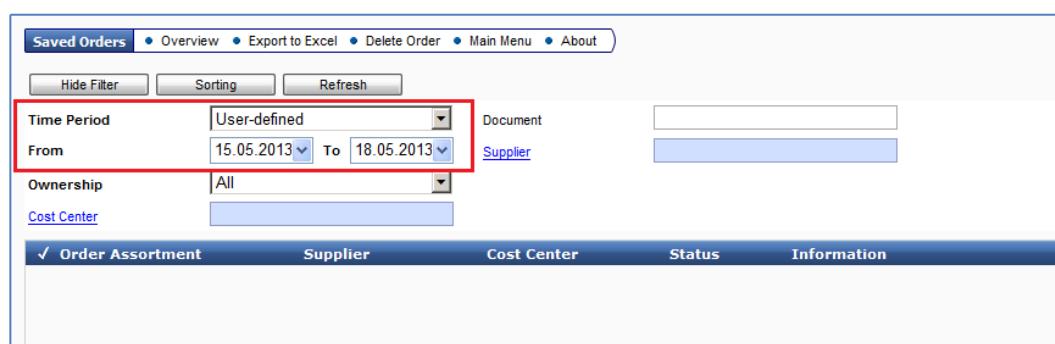
- ▶ Order Assortment Create an Order by Assortment
- ▶ Supplier Create an Order by Supplier
- ▶ Suggested Order by Supplier Create an Order using Suggested Order by Vendor
- ▶ Blank Order Create a Blank Order

View Orders Alerts Description: Status

- ⚠️ ▶ Saved Orders 59 View saved Orders
- ⚠️ ▶ Open Purchase Orders 123 Open Purchase Order/s

▶ Placed orders View placed Orders

Cancel



Saved Orders • Overview • Export to Excel • Delete Order • Main Menu • About

Hide Filter Sorting Refresh

Time Period User-defined

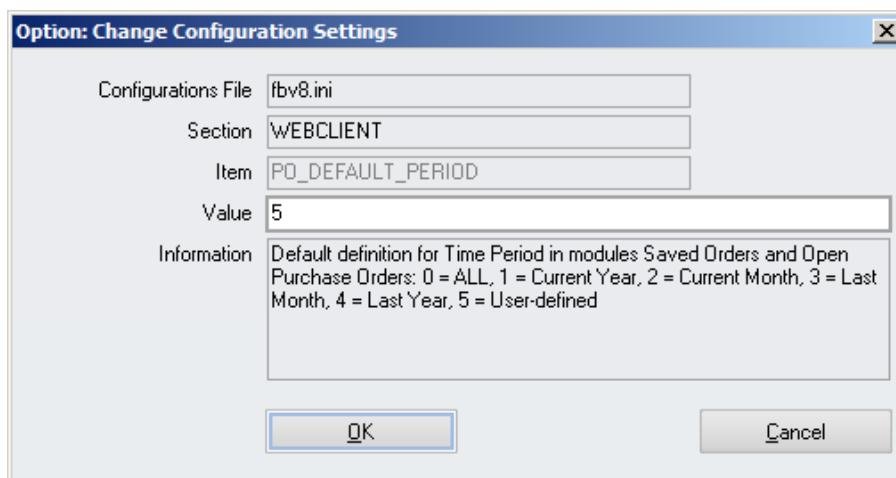
From 15.05.2013 To 18.05.2013

Ownership All

Cost Center

✓ Order Assortment Supplier Cost Center Status Information

The default Time Period could be configured in System > Configuration > FBV8.INI > [WEBCLIENT] > PO\_DEFAULT\_PERIOD:



Option: Change Configuration Settings

Configurations File: fbv8.ini

Section: WEBCLIENT

Item: PO\_DEFAULT\_PERIOD

Value: 5

Information: Default definition for Time Period in modules Saved Orders and Open Purchase Orders: 0 = ALL, 1 = Current Year, 2 = Current Month, 3 = Last Month, 4 = Last Year, 5 = User-defined

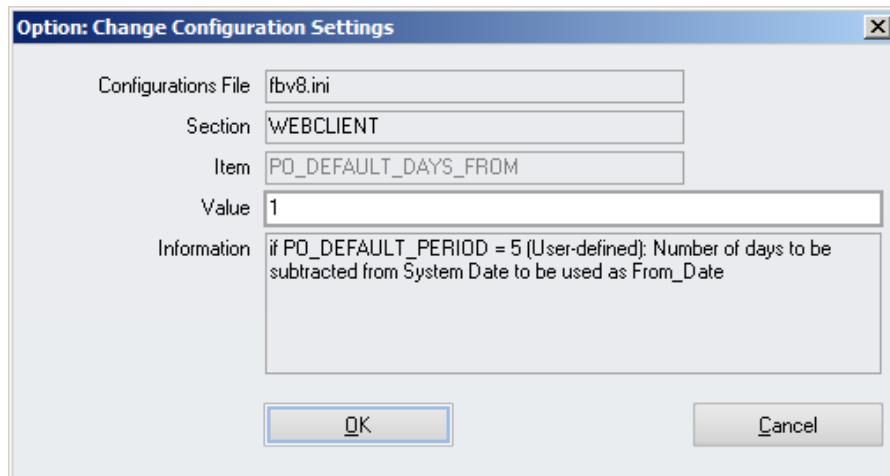
OK Cancel

The following options are available:

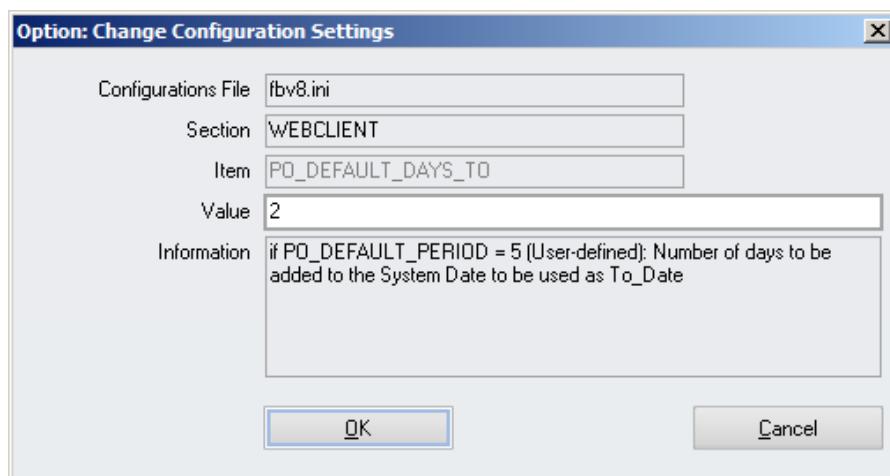
- 0 – ALL: the system will try to select all documents regardless the date.  
ATTENTION: This selection could cause massive performance issues!

- 1 – Current Year: The system will use the current calendar year as date range.
- 2 – Current Month: The system will use the current calendar month as date range.
- 3 – Last Month: The system will use the previous calendar month as date range.
- 4 – Last Year: The system will use the previous calendar year as date range
- 5 – User Defined: The user could define the date range as required. When using this option, the system will offer by default the current date as “From” and also the current date as “To” date selections. These could be modified by using the two options below

PO\_DEFAULT\_DAYS\_FROM: Define the number of days to be subtracted from the current date to be used as “From” date:



PO\_DEFAULT\_DAYS\_TO: Define the number of days to be added to the current date to be used as “To” date:



**NOTE:** The module View Orders > Placed Orders does not have this option, since an incorrect default value could cause massive performance issues. This module will use "Current Month" by default, but the user could adjust this manually inside the module.

## 80) Purchase Order > Last Price Update

When placing a Purchase Order in MCweb, the system now offers a Tooltip showing the last price update date and source.

Add Article -- Webpage Dialog

<u>Cost Center</u>	Main Kitchen				
<u>Supplier</u>	Beef & Sea				
<u>Item Group</u>					
<u>Assortment</u>					
<u>Article(s)</u>					
<input type="checkbox"/> Show only Contract Items					
✓ ... Article ... Supplier... Article	Unit	Qty	Price Unit	Price BU	Supplier
<input type="checkbox"/> 0 10700002 230046 <a href="#">Chicken Ea / Kg</a>	Kilogram	0,000	1,50000	1,50000	Beef & Sea
<input type="checkbox"/> 0 10700002 86419 <a href="#">Chicken Ea / Kg</a>	Box 5kg	0,000	20,00000	4,00000	Beef & Sea
<input type="checkbox"/> 0 10700002 <a href="#">Chicken (DRU)</a>	Kilogram	0,000	1,50000	24.09.2013 - MAN	Beef & Sea
<input type="checkbox"/> 0 10700002 <a href="#">Chicken Ea / Kg</a>	Kilogram	0,000	1,50000	1,50000	Beef & Sea

When the cursor is moved over the price field the system will show the details:

- Date: shows the date of the last price update
- Method: shows the method how the price was updated
  - MAN = Manual Update in module Price Quotes
  - REC = Update through Receiving
  - CAT = Update through Catalogue Import in B2B

## 81) Receiving > Date Filters

Similar to the Purchase Order module MCweb now offers a configuration option for the default time period used in the modules...

- View Delivery Notes
  - Saved Delivery Notes
  - Booked Delivery Notes
  - Invoiced Delivery Notes
  - Cancelled Delivery Notes
  - Open Purchase Orders

Receiving • Main Menu • About

Receiving by	Alerts	Description
▶ Purchase Order	68	Create Delivery Note from existing Purchase Order
▶ Assortment		Create Delivery Note by Assortment
▶ Supplier		Create Delivery Note by Supplier
▶ Blank Delivery Note		Create Blank Delivery Note
▶ Return to Supplier		Create Return to Supplier

View Delivery Notes	Alerts	Description: Status
▶ Saved Delivery Notes	50	View saved Delivery Notes
▶ Booked Delivery Notes		View booked Delivery Notes
▶ Invoiced Delivery Notes		View invoiced Delivery Notes
▶ Cancelled Delivery Notes		View cancelled Delivery Notes
▶ All Receipts		View all Receipts

Cancel

Saved Delivery Notes • Overview • Export to Excel • Main Menu • About

Hide Filter   Sorting   Refresh

Time Period	Current Month	Cost Center	Invoice
From	01.05.2013	To	31.05.2013
Supplier			
Ownership	All	Document	

✓ Document	Supplier	Status	Delivery Date	Total	Invoice	Changed by	Changed At
231123	Mr Drink	Saved (RTS)	16.05.2013	-58,80	admin	16.05.2013	
123123	Mr Drink	Saved	16.05.2013	61,20	admin	16.05.2013	

The default Time Period could be configured in System > Configuration > FBV8.INI > [WEBCLIENT] > RCV\_DEFAULT\_PERIOD:

Option: Change Configuration Settings

Configurations File	fbv8.ini
Section	WEBCLIENT
Item	RCV_DEFAULT_PERIOD
Value	2
Information	Default definition for Time Period in all View Delivery Notes modules (MCweb) except All Receipts: 0 = ALL, 1 = Current Year, 2 = Current Month, 3 = Last Month, 4 = Last Year, 5 = User-defined

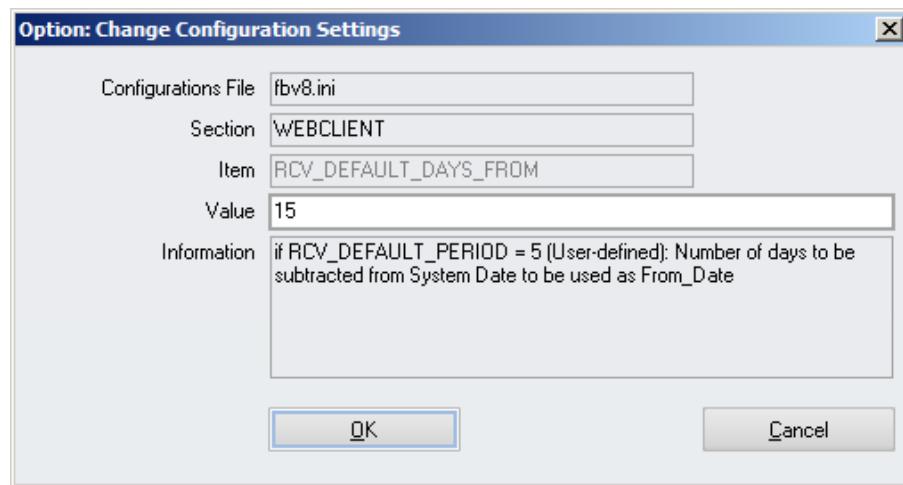
OK   Cancel

The following options are available:

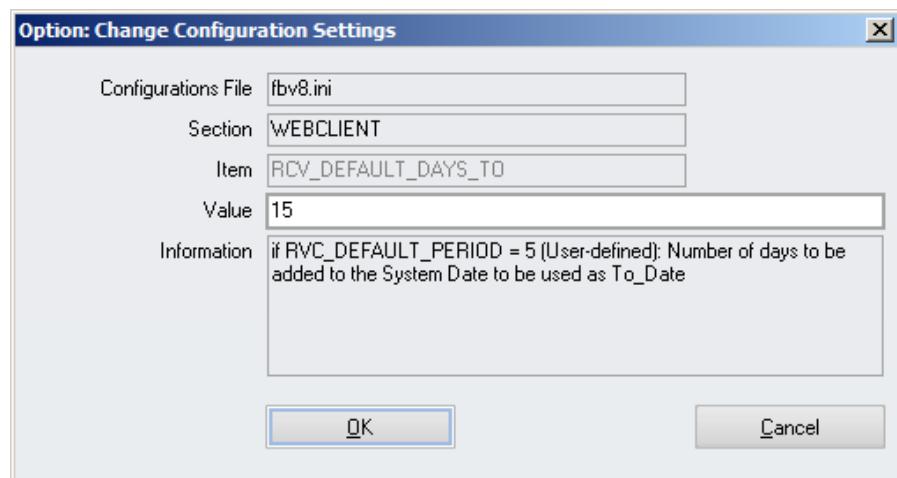
- 0 – ALL: the system will try to select all documents regardless the date.  
ATTENTION: This selection could cause massive performance issues!
- 1 – Current Year: The system will use the current calendar year as date range.
- 2 – Current Month: The system will use the current calendar month as date range.

- 3 – Last Month: The system will use the previous calendar month as date range.
- 4 – Last Year: The system will use the previous calendar year as date range
- 5 – User Defined: The user could define the date range as required. When using this option, the system will offer by default the current date as “From” and also the current date as “To” date selections. These could be modified by using the two options below

RCV\_DEFAULT\_DAYS\_FROM: Define the number of days to be subtracted from the current date to be used as “From” date:



RCV\_DEFAULT\_DAYS\_TO: Define the number of days to be added to the current date to be used as “To” date:

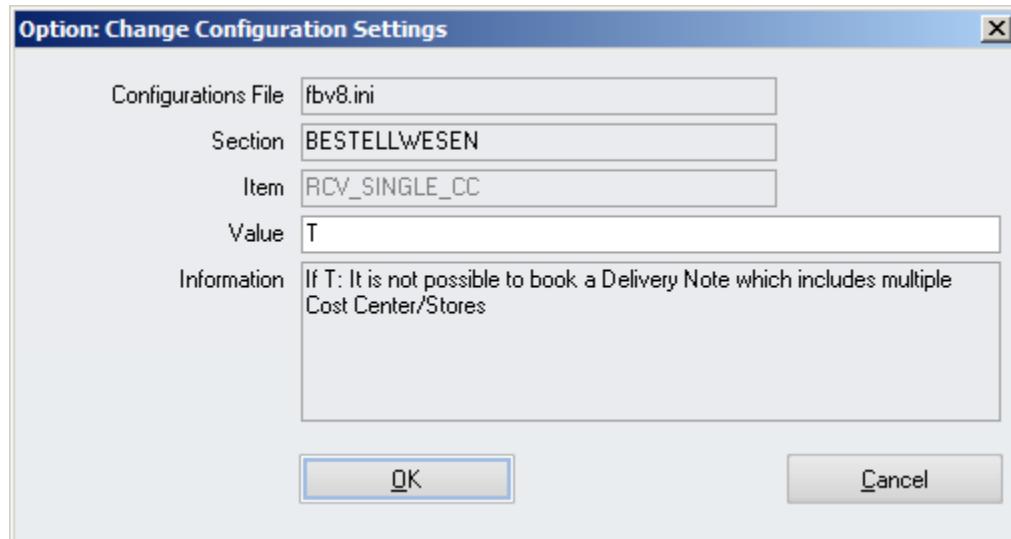


**NOTE:** The module View Delivery Notes > All Receipts does not have this option, since an incorrect default value could cause massive performance issues. This module will use “Current Month” by default, but the user could adjust this manually inside the module.

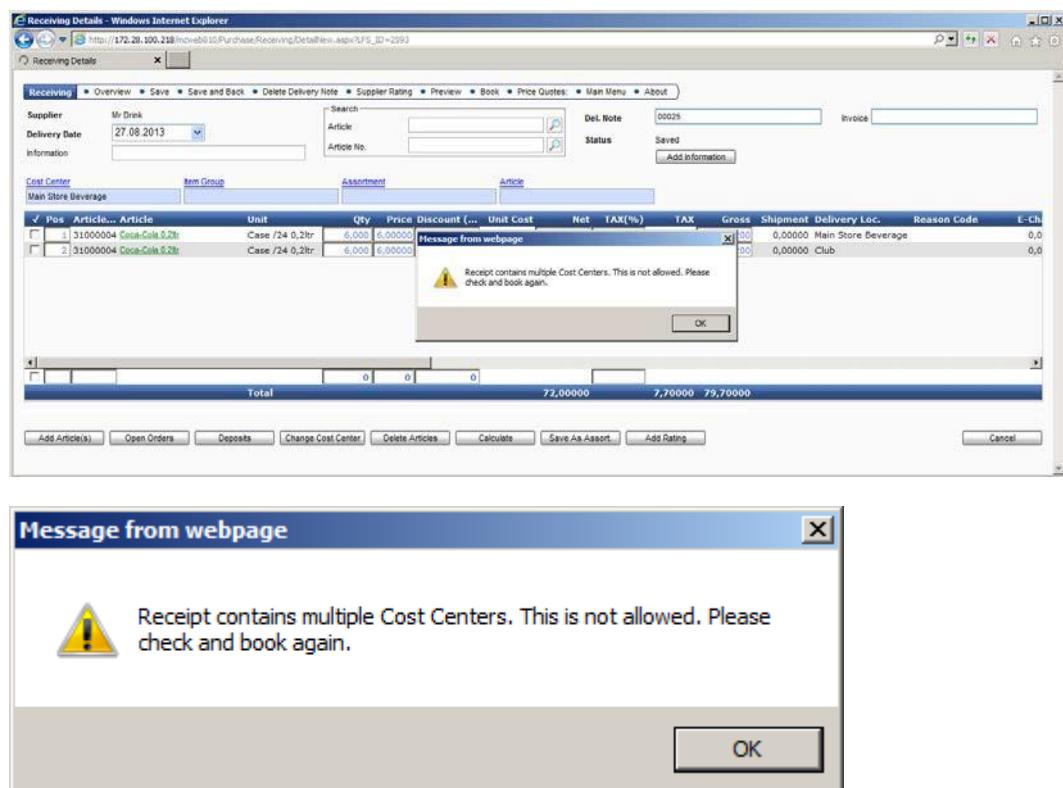
## 82) Receiving > Single Cost Center Only

As explained already [above](#) for the Thick Client application also MCweb supports the new function to limit delivery notes to one cost center.

In order to control this, a new parameter was added in the section [BESTELLWESEN]:



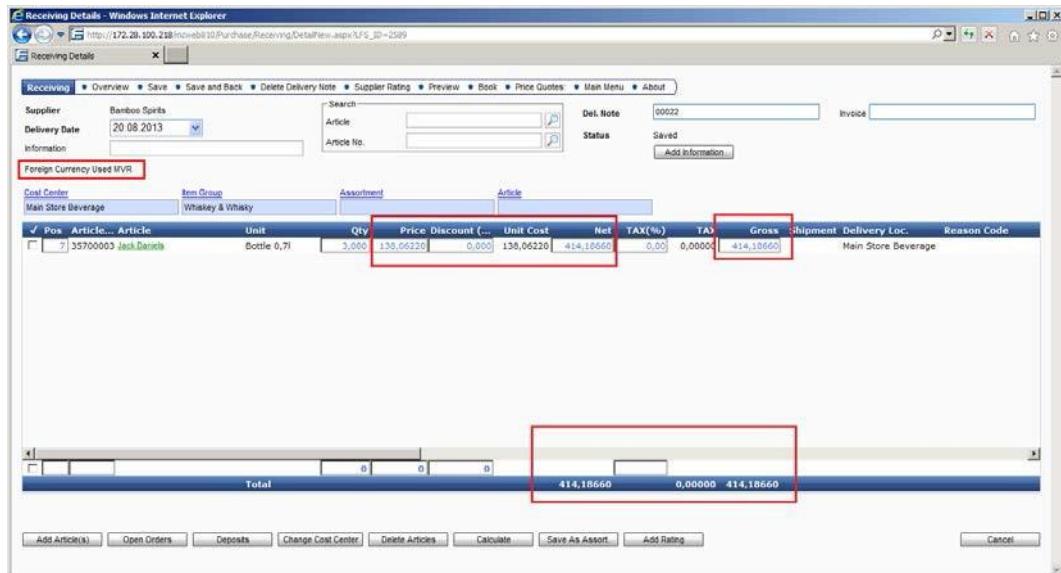
When trying to book delivery notes containing multiple cost centers a message will inform:



The user then needs to click on "OK" to return to the application and correct this. In order to avoid such delivery notes generated from purchase orders the parameters explained in the related [Thick Client chapter](#) should be considered.

## 83) Receiving > Foreign Currency Deliveries

MCweb now properly supports receiving for Suppliers having a foreign currency attached.



The screenshot shows the 'Receiving Details' screen in MCweb. The 'Supplier' is set to 'Bamboo Spirits' and the 'Delivery Date' is '20.08.2013'. The 'Foreign Currency Used MVR' section is highlighted. The main grid displays an item with a unit price of 138.06120 and a net price of 138.06220. The total amount at the bottom is 414.18660.

All prices are now shown in the supplier's currency in MCweb.

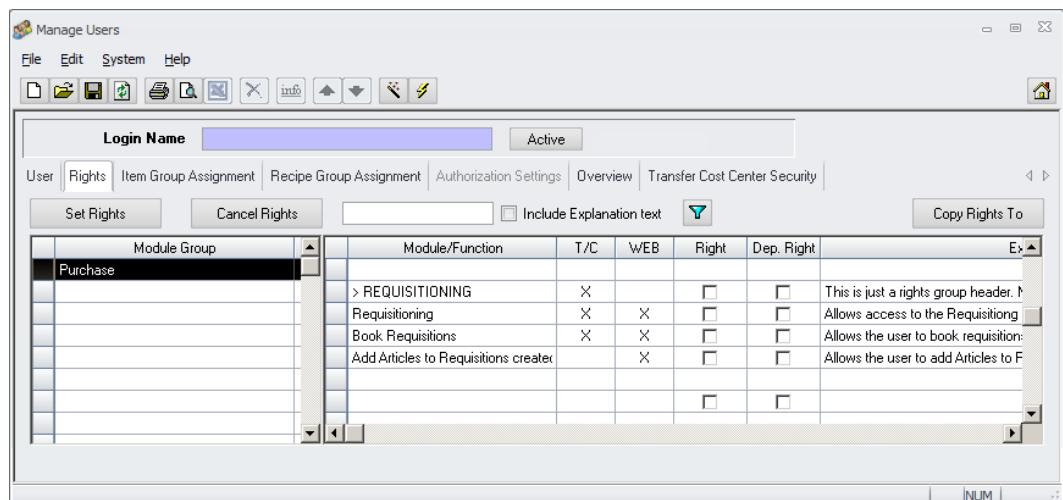
## 84) Purchase Budgets

The support for Purchase Budget Warnings was added to MCweb with version 8.00.71.1491 and higher.

For further details please see the manual "143\_MC\_Purchase\_Budget".

## 85) Requisitioning > User Rights

The user rights for Requisitioning are now aligned to the Thick Client.



The screenshot shows the 'Manage Users' screen with the 'Rights' tab selected. The 'Purchase' module group is selected, and the 'Requisitioning' right is checked. The right is described as 'Allows access to the Requisitioning'.

➤ User Right "Requisitioning"

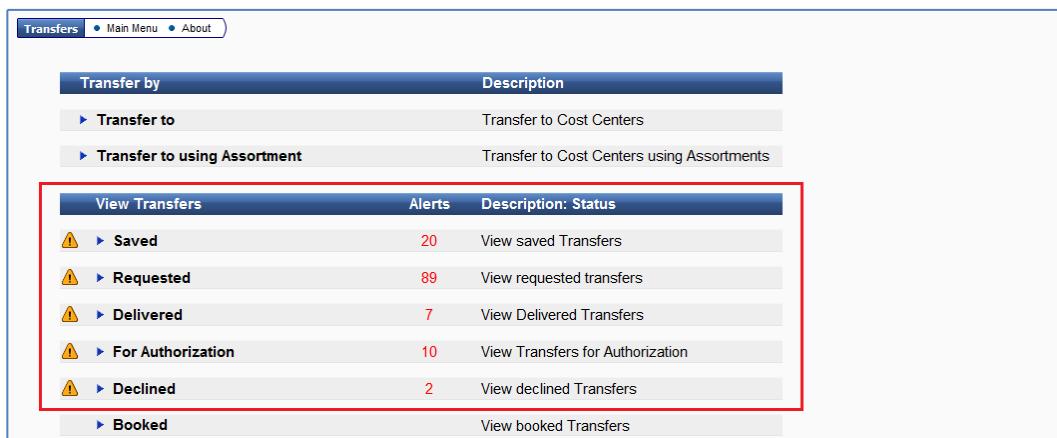
- Having this right the user can access the module and create and save documents. Booking is not possible.
  - User Right “Book Requisitions”
- Having this user right the user could book new or existing documents. The user right “Requisitioning” is required to be able to access the module.

## 86) Transfers/Issue Requests > Date Filters

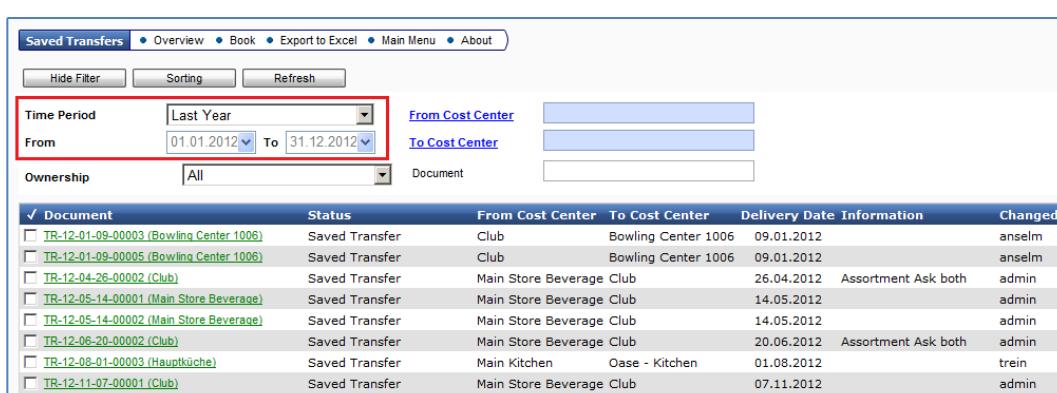
Similar to the Purchase Order module MCweb now offers a configuration option for the default time period used in the modules...

➤ View Transfers/Issue Requests

- Saved
- Requested
- Delivered
- For Authorization
- Declined

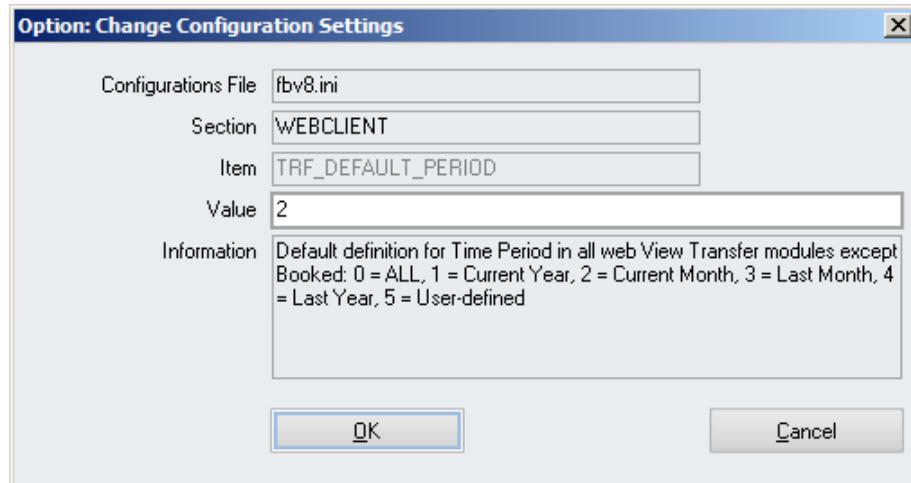


View Transfers	Alerts	Description: Status
⚠️ ▶ Saved	20	View saved Transfers
⚠️ ▶ Requested	89	View requested transfers
⚠️ ▶ Delivered	7	View Delivered Transfers
⚠️ ▶ For Authorization	10	View Transfers for Authorization
⚠️ ▶ Declined	2	View declined Transfers
▶ Booked		View booked Transfers



Document	Status	From Cost Center	To Cost Center	Delivery Date	Information	Changed by
TR-12-01-09-00003 (Bowling Center 1006)	Saved Transfer	Club	Bowling Center 1006	09.01.2012		anselm
TR-12-01-09-00005 (Bowling Center 1006)	Saved Transfer	Club	Bowling Center 1006	09.01.2012		anselm
TR-12-04-26-00002 (Club)	Saved Transfer	Main Store Beverage	Club	26.04.2012	Assortment Ask both	admin
TR-12-05-14-00001 (Main Store Beverage)	Saved Transfer	Main Store Beverage	Club	14.05.2012		admin
TR-12-05-14-00002 (Main Store Beverage)	Saved Transfer	Main Store Beverage	Club	14.05.2012		admin
TR-12-06-20-00002 (Club)	Saved Transfer	Main Store Beverage	Club	20.06.2012	Assortment Ask both	admin
TR-12-08-01-00003 (Haupküche)	Saved Transfer	Main Kitchen	Oase - Kitchen	01.08.2012		trein
TR-12-11-07-00001 (Club)	Saved Transfer	Main Store Beverage	Club	07.11.2012		admin

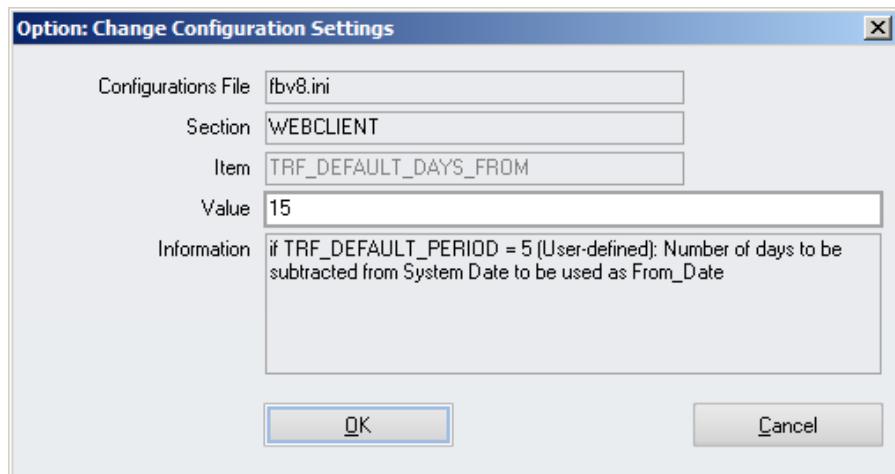
The default Time Period could be configured in System > Configuration > FBV8.INI > [WEBCLIENT] > TRF\_DEFAULT\_PERIOD:



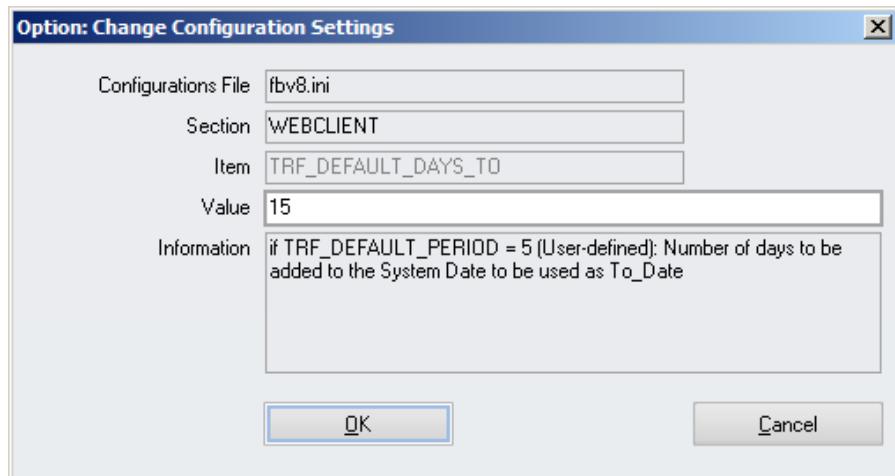
The following options are available:

- 0 – ALL: the system will try to select all documents regardless the date.  
ATTENTION: This selection could cause massive performance issues!
- 1 – Current Year: The system will use the current calendar year as date range.
- 2 – Current Month: The system will use the current calendar month as date range.
- 3 – Last Month: The system will use the previous calendar month as date range.
- 4 – Last Year: The system will use the previous calendar year as date range
- 5 – User Defined: The user could define the date range as required.  
When using this option, the system will offer by default the current date as "From" and also the current date as "To" date selections. These could be modified by using the two options below

TRF\_DEFAULT\_DAYS\_FROM: Define the number of days to be subtracted from the current date to be used as "From" date:



TRF\_DEFAULT\_DAYS\_TO: Define the number of days to be added to the current date to be used as "To" date:

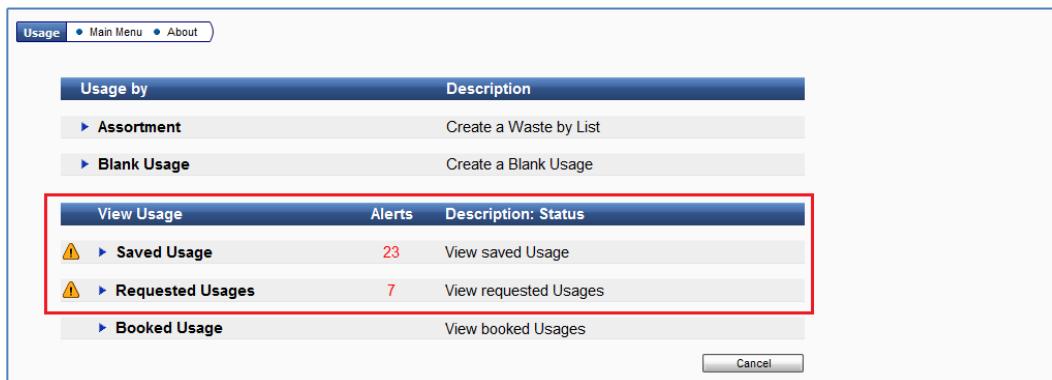


**NOTE:** The module View Transfers > Booked does not have this option, since an incorrect default value could cause massive performance issues. This module will use "Current Month" by default, but the user could adjust this manually inside the module.

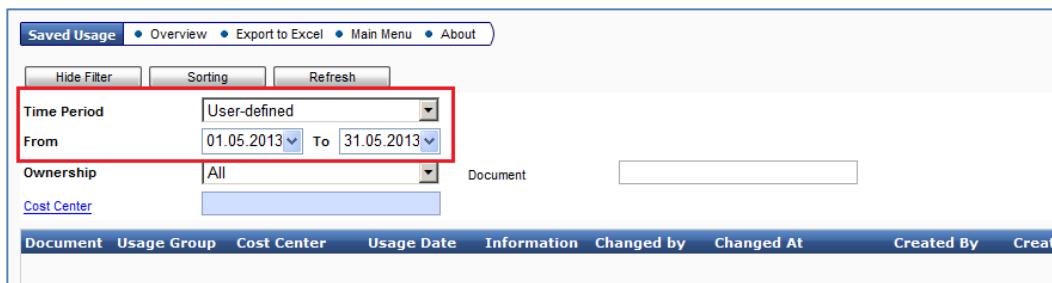
## 87) Usages > Date Filters

Similar to the Purchase Order module MCweb now offers a configuration option for the default time period used in the modules...

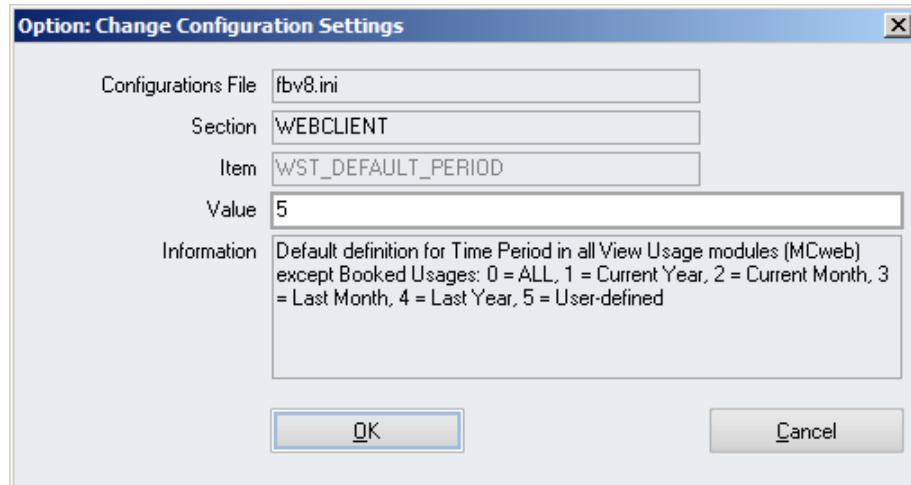
- View Usages
  - Saved Usage
  - Requested Usage



View Usage	Alerts	Description: Status
▶ Saved Usage	23	View saved Usage
▶ Requested Usages	7	View requested Usages



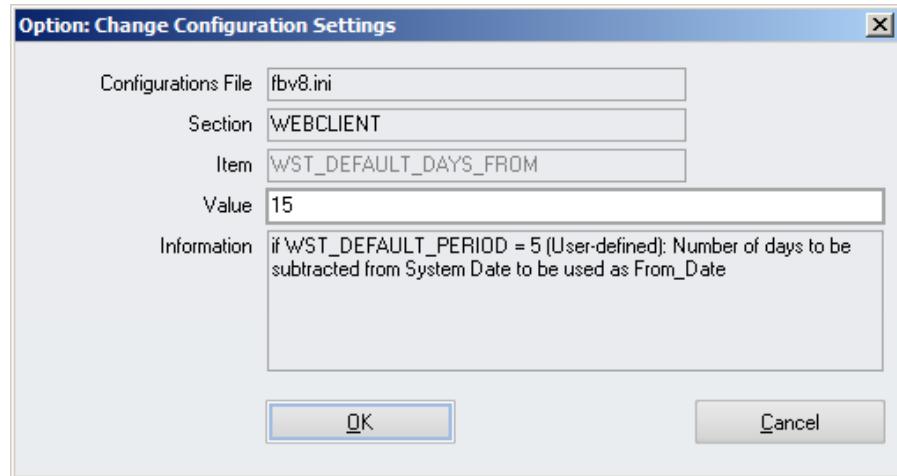
The default Time Period could be configured in System > Configuration > FBV8.INI > [WEBCLIENT] > WST\_DEFAULT\_PERIOD:



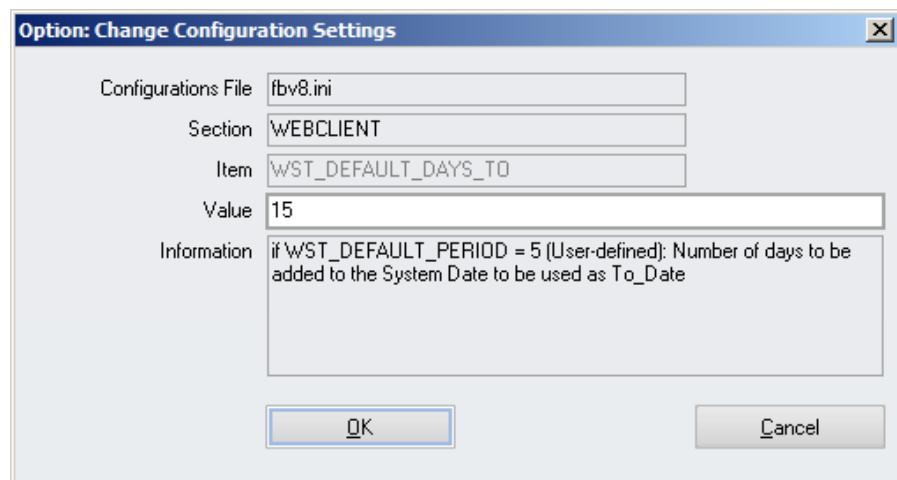
The following options are available:

- 0 – ALL: the system will try to select all documents regardless the date.  
ATTENTION: This selection could cause massive performance issues!
- 1 – Current Year: The system will use the current calendar year as date range.
- 2 – Current Month: The system will use the current calendar month as date range.
- 3 – Last Month: The system will use the previous calendar month as date range.
- 4 – Last Year: The system will use the previous calendar year as date range
- 5 – User Defined: The user could define the date range as required.  
When using this option, the system will offer by default the current date as "From" and also the current date as "To" date selections. These could be modified by using the two options below

WST\_DEFAULT\_DAYS\_FROM: Define the number of days to be subtracted from the current date to be used as "From" date:



WST\_DEFAULT\_DAYS\_TO: Define the number of days to be added to the current date to be used as "To" date:

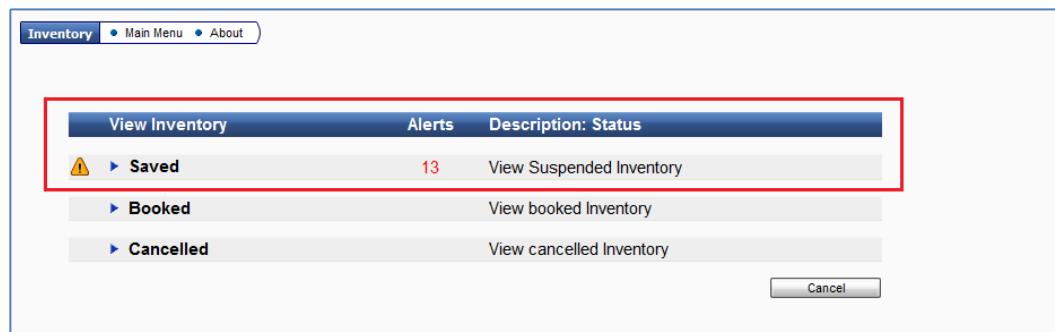
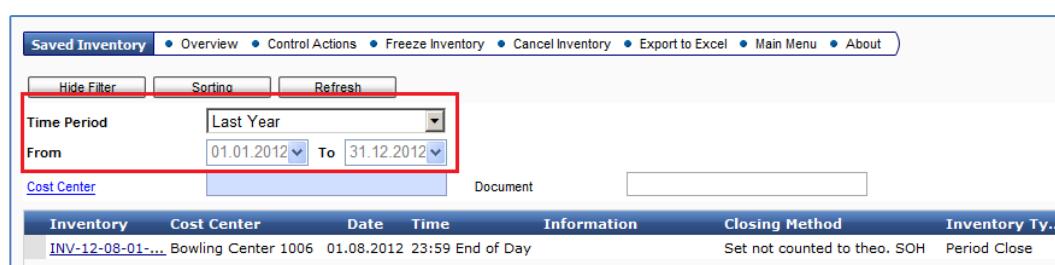


**NOTE:** The module View Usages > Booked Usages does not have this option, since an incorrect default value could cause massive performance issues. This module will use "Current Month" by default, but the user could adjust this manually inside the module.

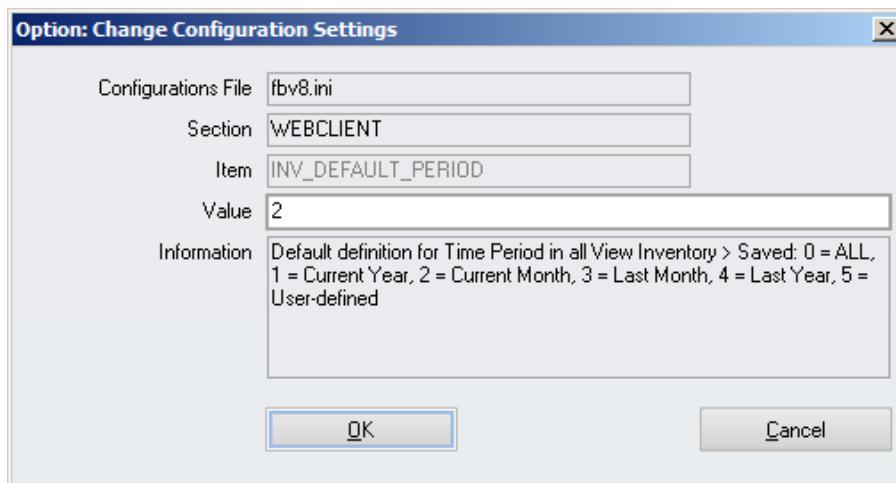
## 88) Inventory > Date Filters

Similar to the Purchase Order module MCweb now offers a configuration option for the default time period used in the modules...

- View Inventory
  - Saved

The default Time Period could be configured in System > Configuration > FBV8.INI > [WEBCLIENT] > INV\_DEFAULT\_PERIOD:

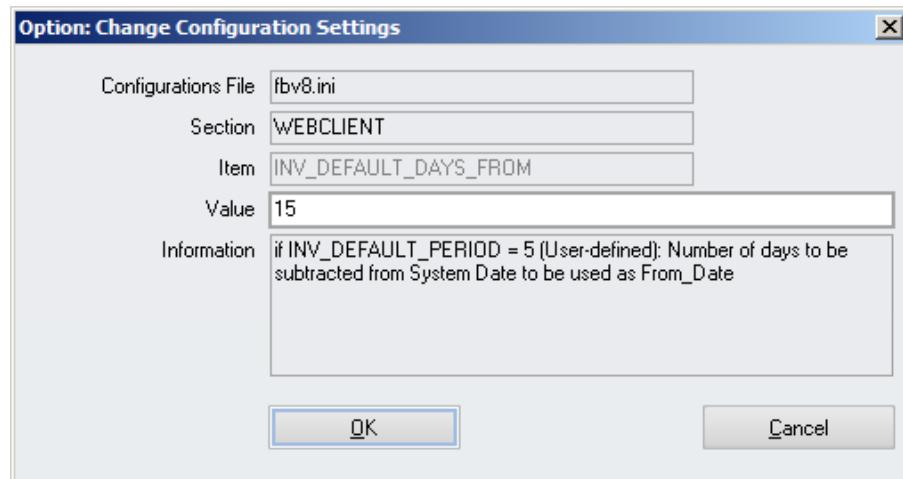


The following options are available:

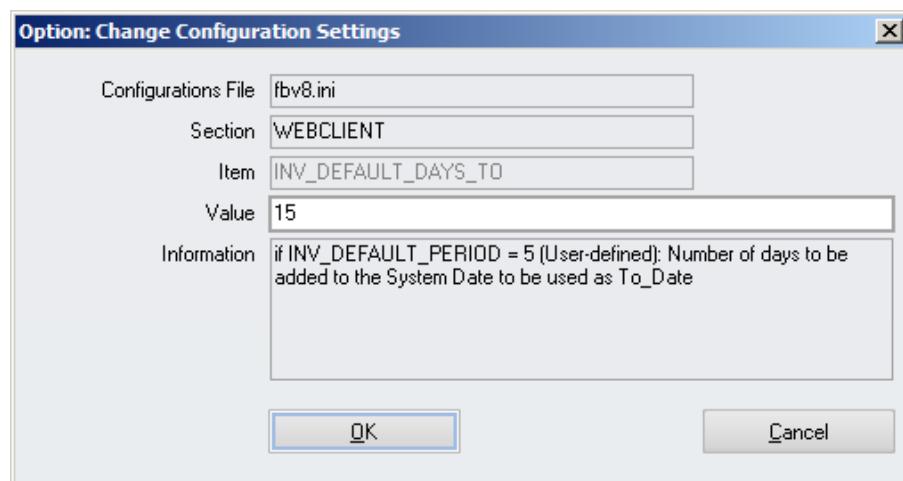
- 0 – ALL: the system will try to select all documents regardless the date.  
ATTENTION: This selection could cause massive performance issues!
- 1 – Current Year: The system will use the current calendar year as date range.
- 2 – Current Month: The system will use the current calendar month as date range.
- 3 – Last Month: The system will use the previous calendar month as date range.
- 4 – Last Year: The system will use the previous calendar year as date range
- 5 – User Defined: The user could define the date range as required.

When using this option, the system will offer by default the current date as "From" and also the current date as "To" date selections. These could be modified by using the two options below

**INV\_DEFAULT\_DAYS\_FROM:** Define the number of days to be subtracted from the current date to be used as "From" date:



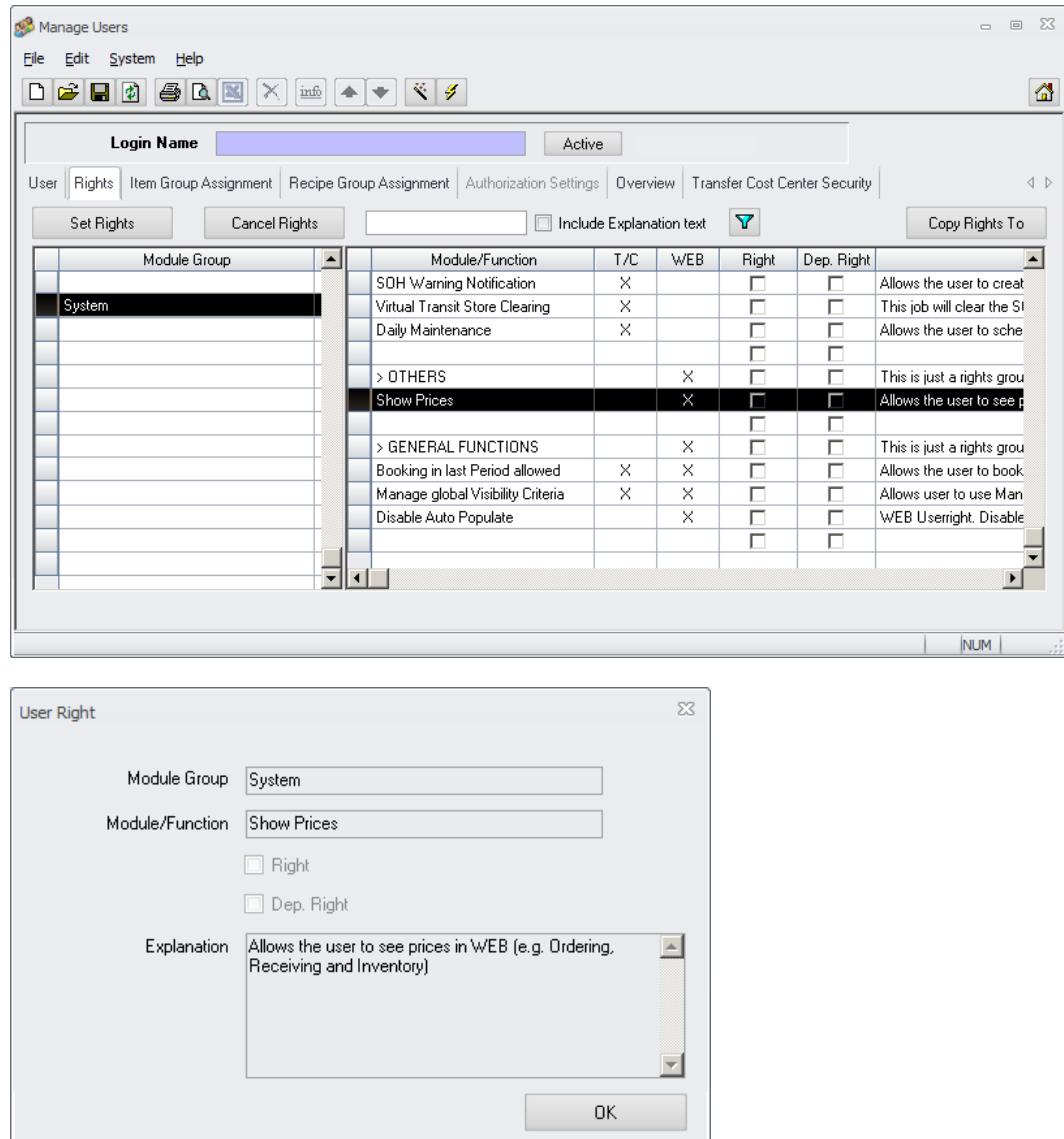
**INV\_DEFAULT\_DAYS\_TO:** Define the number of days to be added to the current date to be used as "To" date:



**NOTE:** The module View Inventory > Cancelled does not have this option, since an incorrect default value could cause massive performance issues. This module will use "Current Month" by default, but the user could adjust this manually inside the module.

## 89) Inventory > Show Prices

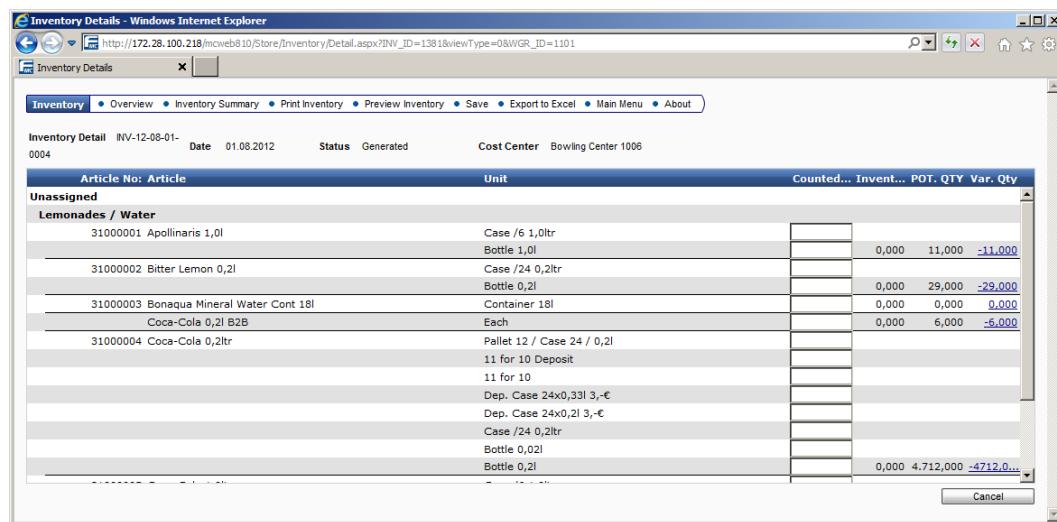
The user right "Show Prices" was enhanced to be valid for Inventories in MCweb as well.



The screenshot shows the 'Manage Users' application interface. The 'Rights' tab is selected. A grid displays various rights, with 'Show Prices' selected. A detailed 'User Right' dialog is open, showing the following information:

Module Group	Module/Function	T/C	WEB	Right	Dep. Right	Explanation
System	Show Prices	X	X	<input type="checkbox"/>	<input type="checkbox"/>	Allows the user to see prices in WEB (e.g. Ordering, Receiving and Inventory)

Without having this right, users will not be able to see the prices in the inventory screens anymore.



Inventory Detail INV-12-08-01-0004 Date 01.08.2012 Status Generated Cost Center Bowling Center 1006

Article No: Article Unit Counted... Invent... POT, QTY Var, Qty

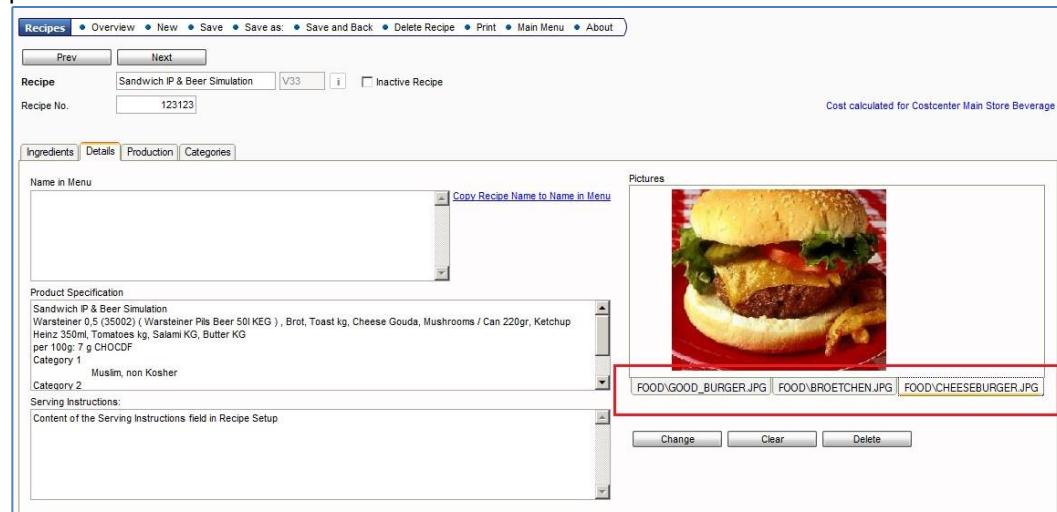
Unassigned

**Lemonades / Water**

Article No.	Article	Unit	Counted...	Invent...	POT, QTY	Var, Qty
31000001	Apollinaris 1,0l	Case / 6 1,0ltr		0,000	11,000	-11,000
31000002	Bitter Lemon 0,2l	Bottle 1,0l		0,000	29,000	-29,000
31000003	Bonaqua Mineral Water Cont 18l	Case /24 0,2ltr		0,000	0,000	0,000
	Coca-Cola 0,2l B2B	Container 18l		0,000	0,000	0,000
31000004	Coca-Cola 0,2ltr	Each		0,000	6,000	-6,000
		Pallet 12 / Case 24 / 0,2l				
		11 for 10 Deposit				
		11 for 10				
		Dep. Case 24x0,33l 3,-€				
		Dep. Case 24x0,2l 3,-€				
		Case /24 0,2ltr				
		Bottle 0,02l				
		Bottle 0,2l		0,000	4.712,000	-4712,000

## 90) Recipes > Picture Names

The names of the pictures assigned to a recipe are now shown in the tabs under the pictures.



Recipes Overview New Save Save as: Save and Back Delete Recipe Print Main Menu About

Prev Next

Recipe: Sandwich IP & Beer Simulation V33 Inactive Recipe

Recipe No.: 123123 Cost calculated for Costcenter Main Store Beverage

Ingredients Details Production Categories

Name in Menu

Product Specification: Sandwich IP & Beer Simulation Warsteiner 0,5 (35002) ( Warsteiner Pils Beer 50l KEG ), Brot, Toast kg, Cheese Gouda, Mushrooms / Can 220gr, Ketchup Heinz 350ml, Tomatoes kg, Salami KG, Butter KG per 100g: 7 g CHOCOF Category 1 Muslim, non Kosher Category 2 Category 3 Serving Instructions: Content of the Serving Instructions field in Recipe Setup

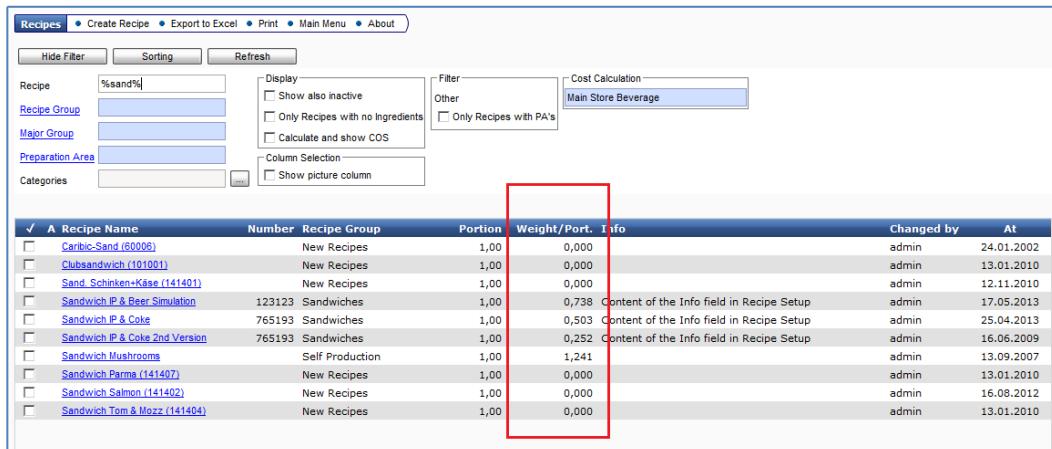
Pictures

FOOD\GOOD\_BURGER.JPG FOOD\BROETCHEN.JPG FOOD\CHEESEBURGER.JPG

This allows the user to see a) if one or more pictures are assigned and b) to see the names of all assigned pictures directly. It is no longer necessary to click on each tab.

## 91) Recipes > Weight per Portion

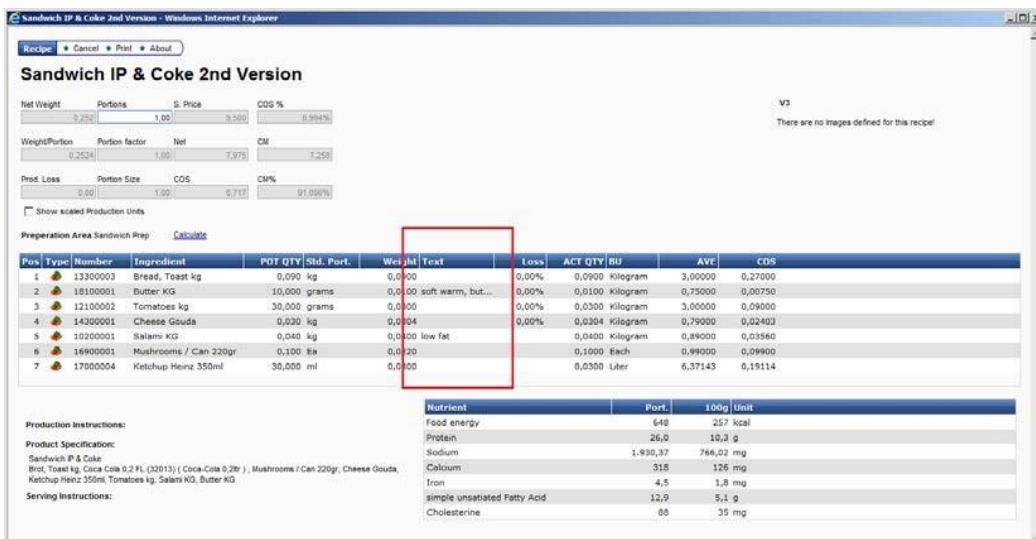
The column “Weight/Portion” was added to the Recipe Overview:



✓ A Recipe Name	Number	Recipe Group	Portion	Weight/Port.	Info	Changed by	At
<input type="checkbox"/> <a href="#">Carbico-Sand (50006)</a>		New Recipes	1,00	0,000		admin	24.01.2002
<input type="checkbox"/> <a href="#">Club sandwich (101001)</a>		New Recipes	1,00	0,000		admin	13.01.2010
<input type="checkbox"/> <a href="#">Sand_Schinken+Käse (141401)</a>		New Recipes	1,00	0,000		admin	12.11.2010
<input type="checkbox"/> <a href="#">Sandwich IP &amp; Beer Simulation</a>	123123	Sandwiches	1,00	0,738	Content of the Info field in Recipe Setup	admin	17.05.2013
<input type="checkbox"/> <a href="#">Sandwich IP &amp; Coke</a>	765193	Sandwiches	1,00	0,503	Content of the Info field in Recipe Setup	admin	25.04.2013
<input type="checkbox"/> <a href="#">Sandwich IP &amp; Coke 2nd Version</a>	765193	Sandwiches	1,00	0,252	Content of the Info field in Recipe Setup	admin	16.06.2009
<input type="checkbox"/> <a href="#">Sandwich Mushrooms</a>		Self Production	1,00	1,241		admin	13.09.2007
<input type="checkbox"/> <a href="#">Sandwich Parma (141407)</a>		New Recipes	1,00	0,000		admin	13.01.2010
<input type="checkbox"/> <a href="#">Sandwich Salmon (141402)</a>		New Recipes	1,00	0,000		admin	16.08.2012
<input type="checkbox"/> <a href="#">Sandwich Tom &amp; Mozz (141404)</a>		New Recipes	1,00	0,000		admin	13.01.2010

## 92) Recipes > Text per Ingredient on reports

The column “Text”, showing the information per recipe ingredient, is now shown on the print outs as well.



Pos	Type	Number	Ingredient	POT-QTY	SM. Port.	Weight	Text	Loss	ACT-QTY	BU	AVE	COG
1		13300003	Bread, Toast kg	0,090	kg	0,0900		0,00%	0,0900	Kilogram	3,00000	0,27000
2		18100001	Butter KG	10,000	grams	0,0000 soft warm, but...		0,00%	0,0100	Kilogram	0,75000	0,00750
3		12100002	Tomatoes kg	30,000	grams	0,0000		0,00%	0,0300	Kilogram	3,00000	0,09000
4		14300001	Cheese Gouda	0,030	kg	0,0004		0,00%	0,0304	Kilogram	0,79000	0,02403
5		10200001	Salami KG	0,040	kg	0,0000 low fat		0,00%	0,0400	Kilogram	0,89000	0,03580
6		16900001	Mushrooms / Can 220gr	0,100	kg	0,0120		0,1000	0,1000	Each	0,99000	0,09900
7		17000004	Ketchup Heinz 350ml	30,000	ml	0,0000		0,0350	0,0350	Liter	6,37143	0,19114

Production Instructions:  
Product Specifications:  
Sandwich IP & Coke  
Brot, Toast kg, Coca Cola 0,2 FL (32013) ( Coca-Cola 0,2fl ), Mushrooms / Can 220gr, Cheese Gouda, Ketchup Heinz 350ml, Tomatoes kg, Salami KG, Butter KG

Serving Instructions:

Nutrient	Port.	100g	Unit
Food energy	648	257	kcal
Protein	26,0	10,3	g
Sodium	1.930,37	768,02	mg
Calcium	318	126	mg
Iron	4,5	1,8	mg
simple unsaturated Fatty Acid	12,9	5,1	g
Cholesterine	86	35	mg

## General Changes:

### 93) POSWebService

Materials Control offers a web service to be used for communication with some MICROS POS systems as well as several 3<sup>rd</sup> party applications. For details please see the updated documentation “50.9\_MC\_Manual\_Installation\_POSWebService”.

### 94) Database Changes

Besides several changes in existing tables and addition of new tables, some unused tables were removed.

After intensive code inspection we discovered that the following tables are no longer used by Materials Control:

- BESTPOS
- FIBU
- RECHZUSATZ

These tables will be dropped during the Database Update.

### 95) Installation > MICROS CI

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

### 96) Installation > SQL.INI

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

### 97) 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”.

### 98) 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](#).

## 99) 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)

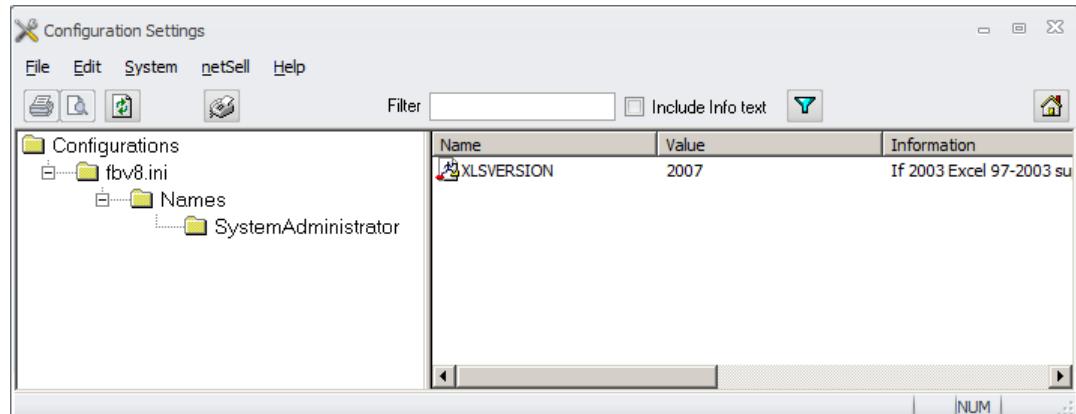
For details please read the documentation “125\_MC\_Translation\_Manual”.

## 100) Excel Exports > Excel Version Definition

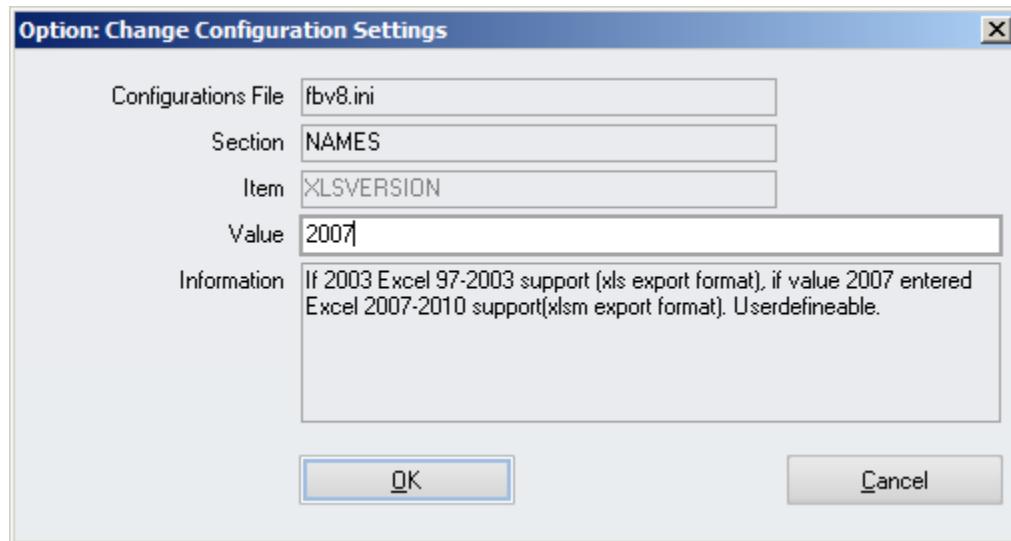
Materials Control allows to export data from various places and modules into Excel worksheets. Since there are numbers of different versions of MS Excel on the market, it is now possible to define the preferred version in the configuration. This could be done either per installation or per user.

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

Open System > Configuration > [NAMES]:



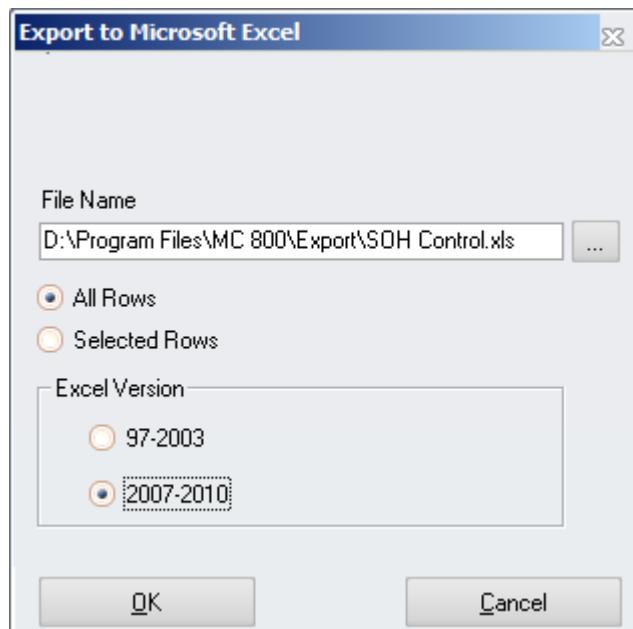
Here in the section [NAMES] and in the subfolder for each user who has done an export in this version already the value for the Excel version parameter XLSVERSION can be defined.



Allowed values:

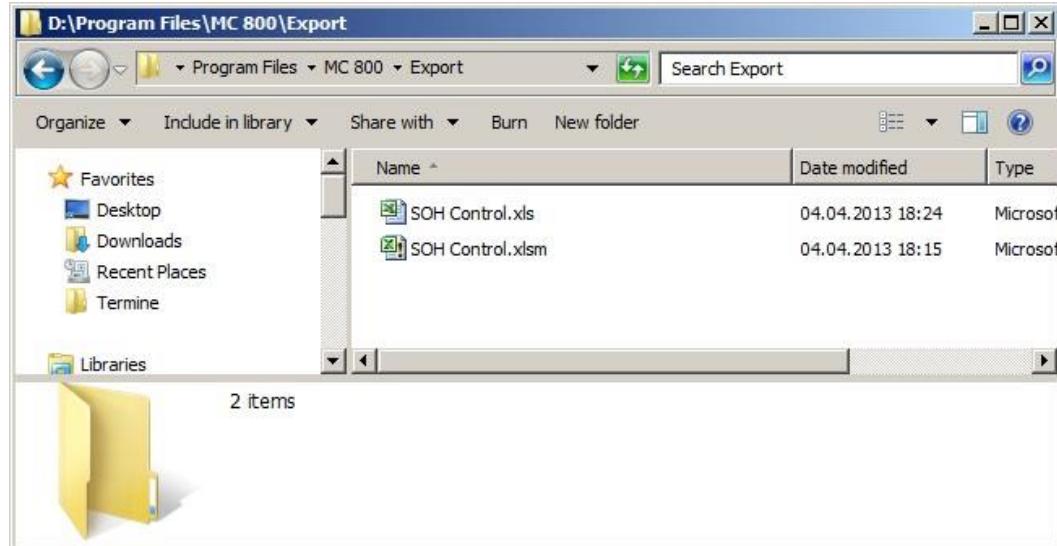
- 2003  
By default the application will export in a format compatible to Excel version 97 – 2003. The format can be adjusted during the actual export every time. Default extension will be .XLS.
- 2007  
By default the application will export in a format compatible to Excel versions 2007 and higher.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



## 101) 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

## 102) Crystal Reports 2008

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

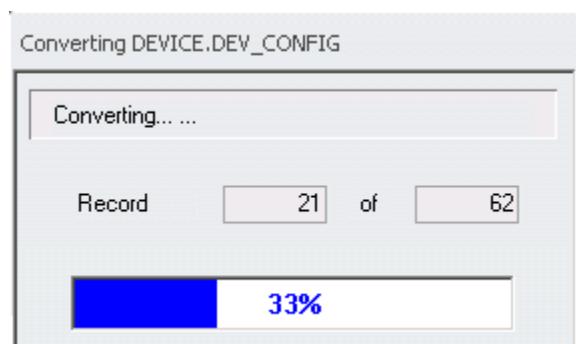
- The Crystal Reports 2008 SP3 Runtime will require 200MB additional disk space on the c:\ drive of each client PC and will be installed automatically.
- The installation of the new Crystal Reports Runtime SP3 takes several minutes.
- The older report files do not need to be converted, but after editing 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!

### 103) 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



### 104) 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:

- 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.

- 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.

## 105) 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.

## 106) 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".

## 107) 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:**

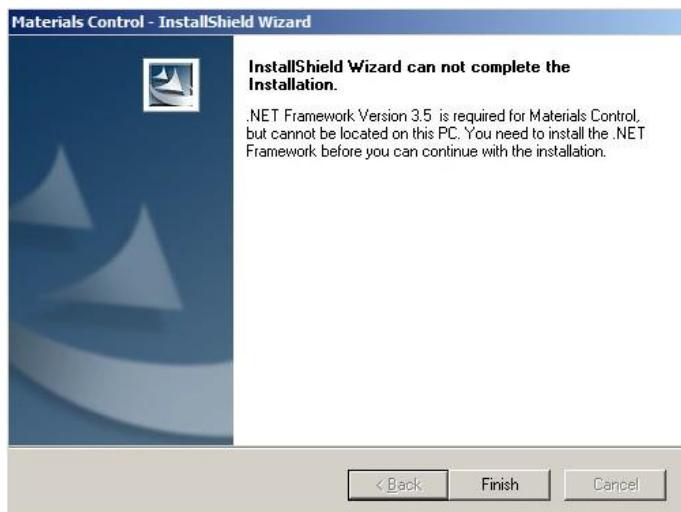
- Oracle database Server:
  - 32-bit Operating System with 32-bit Oracle Version, MC client possible
  - 64-bit Operating System with 64-bit Oracle Version, no MC client possible
- MCweb Server:
  - 32-bit Operating System with 32-bit Oracle client, MS IIS and .NET Framework in 32-bit
    - MC client 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!

## **108) Microsoft Windows XP**

Microsoft has announced the end of its extended support for the Windows XP operating system effective April 8, 2014. On this date, security updates for the Windows XP operating system will no longer be provided by Microsoft. Therefore, to facilitate ongoing operating system security and compliance with applicable industry standards, MICROS strongly recommends that its customers using the Microsoft Windows XP operating system upgrade to a more contemporary and supported operating system, such as Microsoft Windows 7, prior to April 8, 2014.

## 109) 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.

## 110) 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.

## 111) 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 Materials Control on Centura SQLBase is no longer supported with any version.
- The support for Materials Control using Centura SQLBase was discontinued End 2012.
- We strongly recommend converting the Centura based systems to Oracle as soon as possible.

Please see the separate PMA for more details.

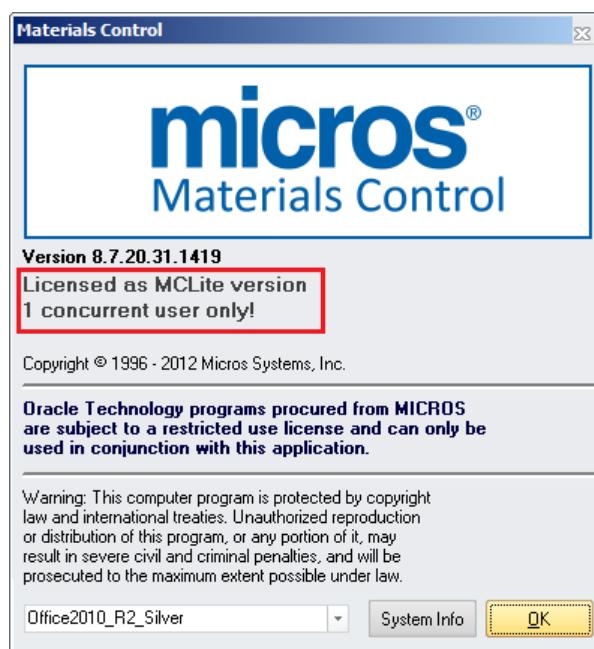
## 112) MCLite on Oracle

Since version 8.6.6.30.xx MCLite can be used on Oracle.

When starting MC with a MCLite 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.

MICROS-FIDELIO GmbH  
Europadamm 2-6  
41460 Neuss  
Germany  
Phone: +49 2131-137 0 | Fax: +49 2131-137 777

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