

Materials Control

Recipe Reduction based on Article Defaults

micros®|FIDELIO

Copyright by:
MICROS-FIDELIO GmbH
Europadamm 2-6
D - 41460 Neuss
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Introduction:

This document will describe the handling of recipe reduction locations based on article definitions.

This function can be used if e.g. certain articles used in a recipe should always be reduced in a specific store regardless where the sales was done.

Examples:

Cocktails will always be taken from the Bar, but sold in all restaurants.

Ice Cream will always be taken from the Bistro, but sold in all restaurants.

As a result of that the system will check all ingredients of the recipes used in revenue booking.

Based on the recipe definitions the ingredients will be reduced from the cost center assigned to the sales location.

For all articles with defined depletion rules a transfer will now be booked when executing the job.

The depletion through the recipe will always take place in the cost center defined in the device. But through the assignment of a depletion cost center the SOH can be aligned again.

As a result of this the consumption takes place in the same cost center where the revenue was generated.

Because of performance reasons the function was not implemented in the usual revenue import process.

A separate job in the scheduler was created for this which could be set up to run whenever necessary.

Setup:

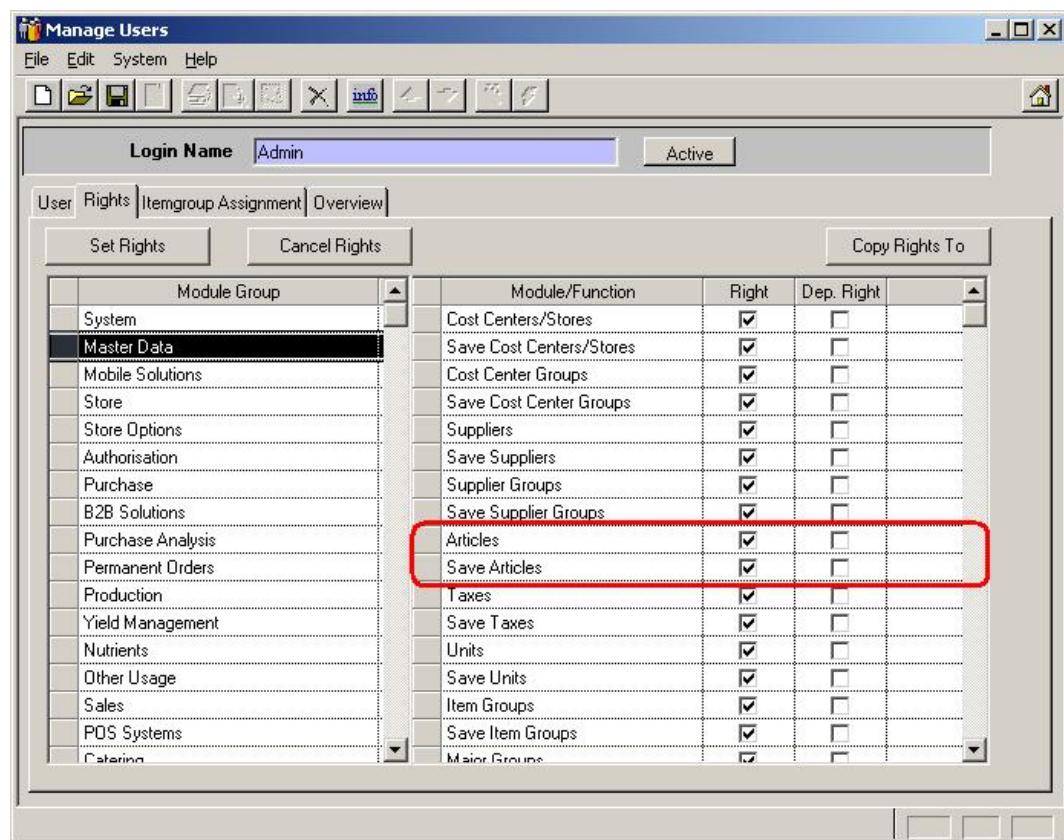
This section will describe the necessary steps to configure this function.

ARTICLES:



What do we have to know first?

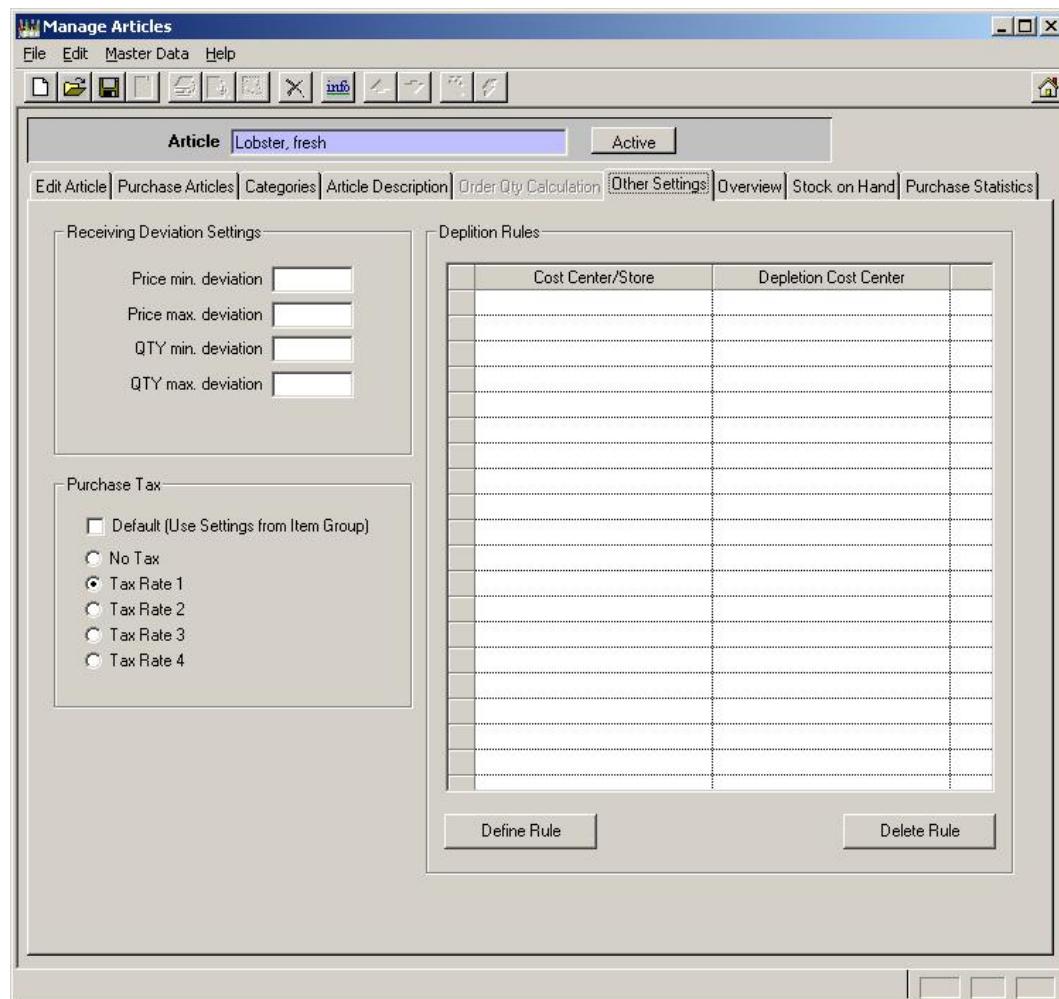
- The user right to save articles must be active to modify the article definitions.



- The description of this function was created with the database version 10.26 and is valid for the program version 8.4.00 / 10.26 or higher.

CREATE DEPLETION RULES:

Goto Master Data > Articles > select the stock article and click on the tab "Other Settings":

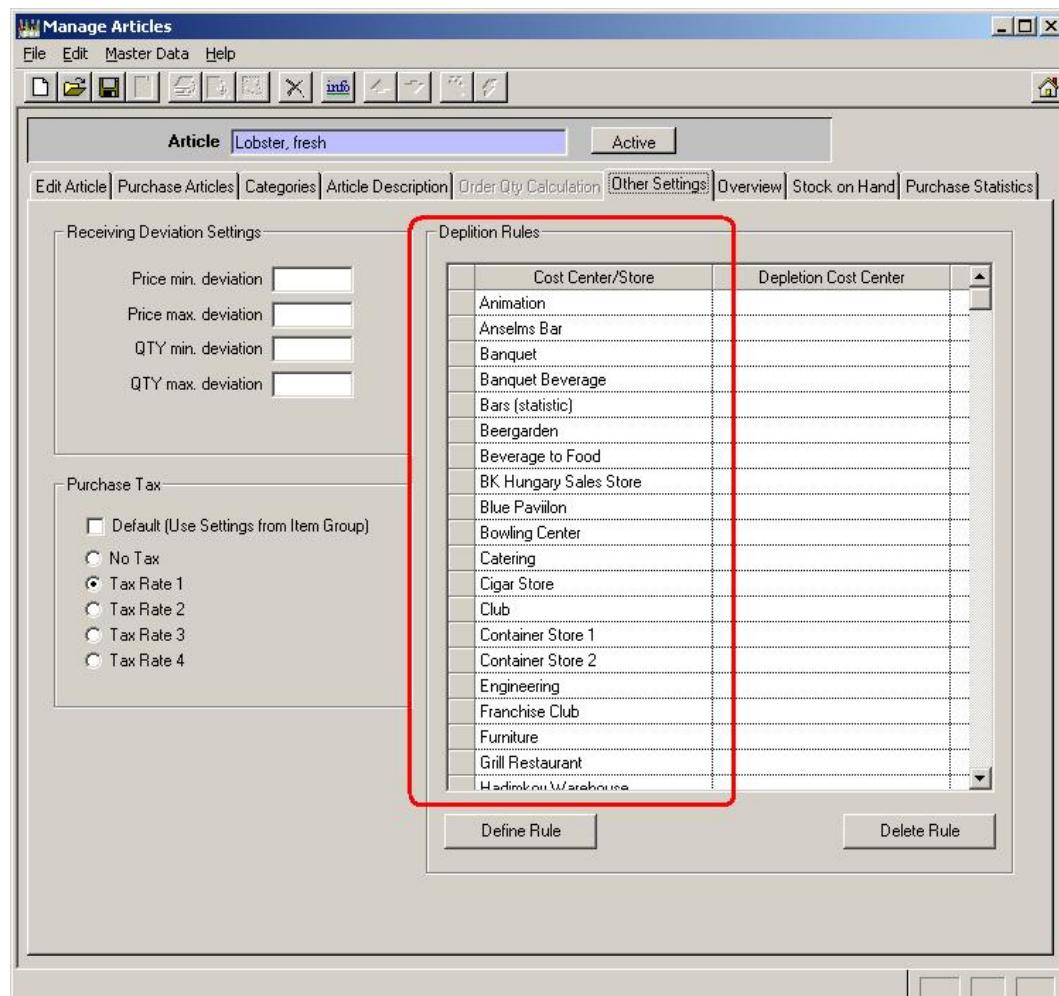


A new table view was inserted here to show the depletion rules if defined.

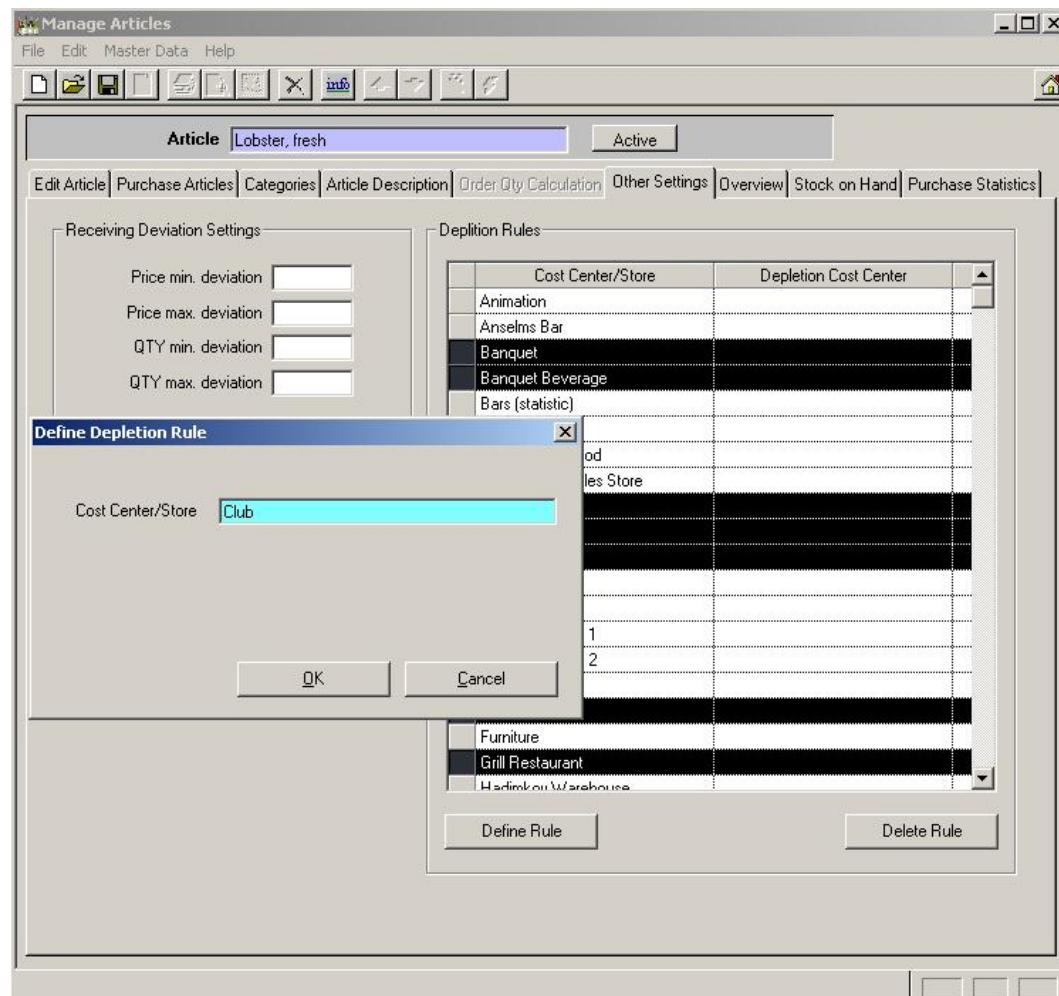
Click on the “Open Folder” icon:



Please select here the cost center which requires depletion rules. Also the root cost center (main site) including sub cost centers can be called:



The left column now shows all cost centers based on the above selection. The user can mark the cost centers where he wants to apply depletion rules and click on the button "Define Rule":



Here the user can define the cost center where the articles should be transferred from. Select the cost center and confirm with "OK".

Define here now all necessary combinations. If no depletion cost center is defined no transfer will be executed.

Save the new assignments.

The system will now remove all cost centers without any assignment from the screen.

Manage Articles

Article: Lobster, fresh

File Edit Master Data Help

Active

Edit Article Purchase Articles Categories Article Description Order Qty Calculation Other Settings Overview Stock on Hand Purchase Statistics

Receiving Deviation Settings

Price min. deviation:

Price max. deviation:

QTY min. deviation:

QTY max. deviation:

Purchase Tax

Default (Use Settings from Item Group)

No Tax

Tax Rate 1

Tax Rate 2

Tax Rate 3

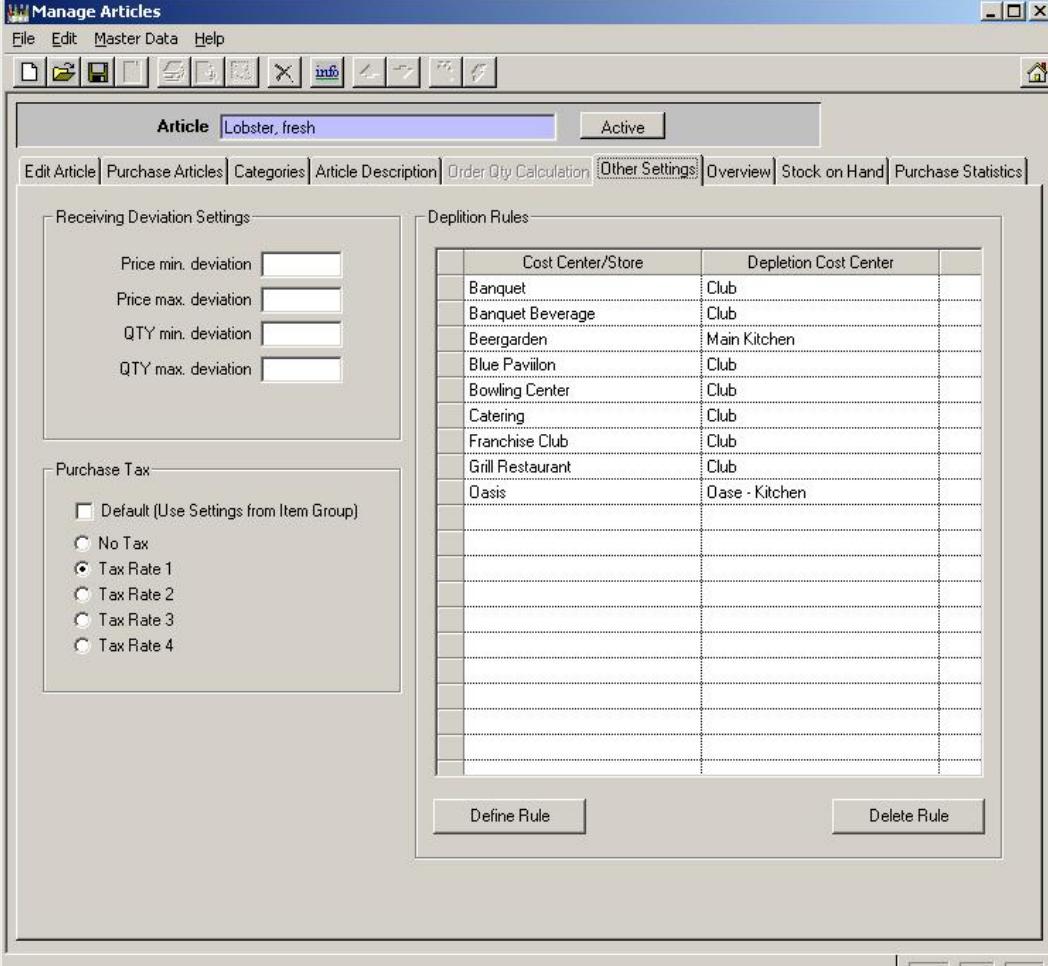
Tax Rate 4

Depletion Rules

Cost Center/Store	Depletion Cost Center
Banquet	Club
Banquet Beverage	Club
Beergarden	Main Kitchen
Blue Pavilion	Club
Bowling Center	Club
Catering	Club
Franchise Club	Club
Grill Restaurant	Club
Oasis	Base - Kitchen

Define Rule

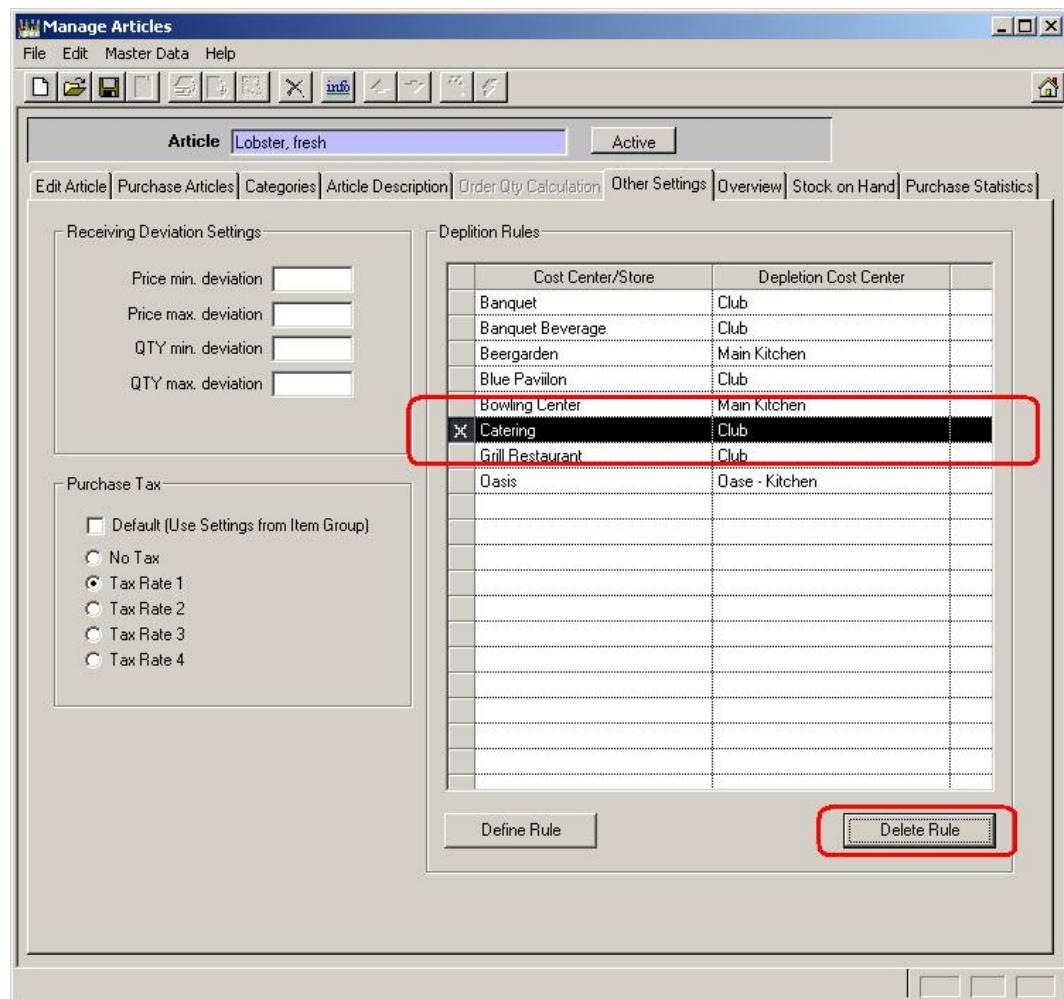
Delete Rule



DELETE DEPLETION RULES:

Existing Depletion Rules can be deleted easily.

Goto Master Data > Articles > select the article > switch to the tab "Other Settings" > all existing Depletion rules will be displayed now. Mark the record which should be deleted and click on the button "Delete Rule".



Once you save the article, the record will be removed and no more transfer will be booked for this combination.

Please note that this change will be effective with the next run of the scheduled job!

CHANGE LOG:

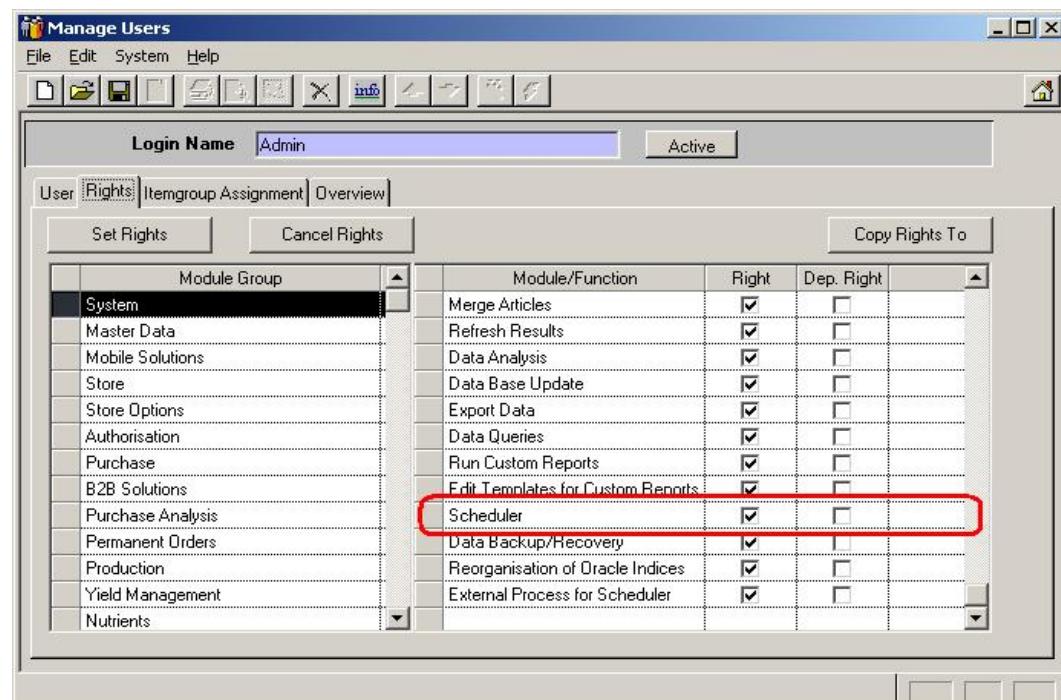
The definition of a new depletion rule, the change of an existing rule and the deletion of a rule is logged in the Control Table:

Checked	Date	Action	Information
<input type="checkbox"/>	01.08.2006 14:19:36	Article modified	LOBSTER, FRESH, from module: Manage Articles
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Banquet changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Banquet Beverage changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Blue Pavilion changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Bowling Center changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Catering changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Franchise Club changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:19:37	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Grill Restaurant changed from NULL to Club"
<input type="checkbox"/>	01.08.2006 14:45:40	Article modified	LOBSTER, FRESH, from module: Manage Articles
<input type="checkbox"/>	01.08.2006 14:47:40	Article modified	LOBSTER, FRESH, from module: Manage Articles
<input type="checkbox"/>	01.08.2006 14:47:40	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Beergarden changed from NULL to Main Kitchen"
<input type="checkbox"/>	01.08.2006 14:47:40	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Oasis changed from NULL to Oase - Kitchen"
<input type="checkbox"/>	01.08.2006 14:58:59	Article modified	LOBSTER, FRESH, from module: Manage Articles
<input type="checkbox"/>	01.08.2006 14:58:59	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Bowling Center changed from Club to Main Kitchen"
<input type="checkbox"/>	01.08.2006 15:00:57	Article modified	LOBSTER, FRESH, from module: Manage Articles
<input type="checkbox"/>	01.08.2006 15:00:57	Depletion store changed (Lobster, fresh)	Depletion store for Lobster, fresh for Franchise Club changed from Club to NULL"

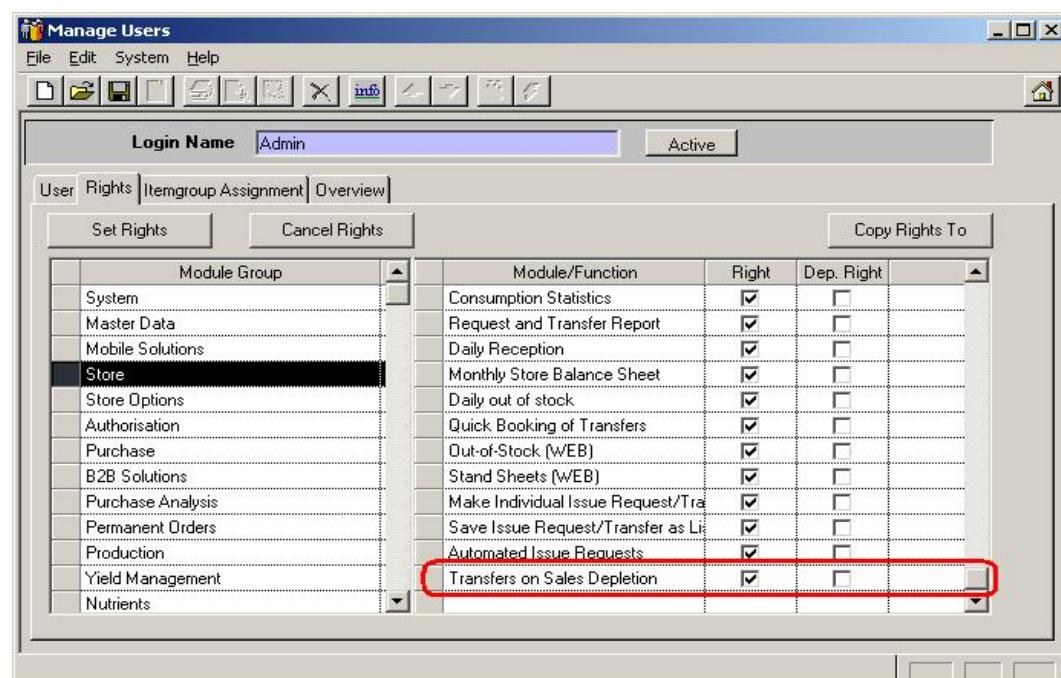
SCHEDULER:

What do we have to know first?

a) The user right to access the scheduler needs to be active to set up the job.



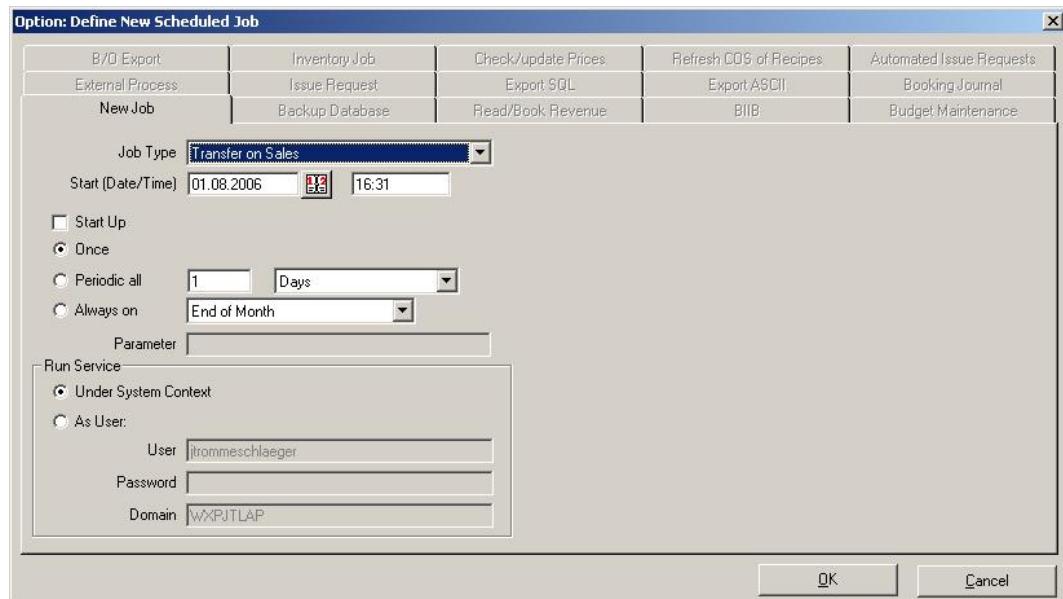
b) The user right to access the job needs to be active to set up the job.



c) The description of this function was created with the database version 10.26 and is valid for the program version 8.4.00.

JOB DEFINITION:

Goto System > Scheduler > click on the button “New Job” > select the job “Transfer on Sales” from the list:



Now define the start time and the periodic settings. This job should run after the POS revenue import & booking.

Save the job and ensure that the DGService is started/running.

The system will now book the necessary transactions / transfers when executing this job. The system will create the article in the target store if it was not existing before.

Note: Please make sure that the job is stopped during inventory booking / closing!

LOGFILES:

After execution of the job the system generates a logfile in the directory \Materials Control\Log\:

The files are named GEN_TSnnn.LOG where nnn is a sequential numbering.

```

2006.08.01 13:34:59-Admin  - -*-----*
2006.08.01 13:34:59-Admin  - * Transfers on Sales
2006.08.01 13:34:59-Admin  - -*-----*
2006.08.01 13:34:59-Admin  - -Start: 01.08.2006 13:34
2006.08.01 13:34:59-Admin  - -*-----*
2006.08.01 13:34:59-Admin  - -*-----*
2006.08.01 13:35:00-Admin  - -TR-06-08-01-00001 generated
2006.08.01 13:35:00-Admin  - -*-----*
2006.08.01 13:35:00-Admin  - -Generating OK

```

2006.08.01 13:35:00-Admin - -End: 01.08.2006 13:35

REPORTING:

These transactions can be reviewed in the reports as usual transfers. The detail records will show the information that it was created because of the defined Depletion Rules.

Examples:

Transfers:

Article History:

The screenshot shows the 'Article History' application interface. The main window displays a table of items booked into the 'Main Kitchen' from August 1, 2006, to August 31, 2006. A specific transaction for 'Salami KG' is selected, showing a transfer (TR) from 'Acteo Balsami' to 'Tran' on August 1, 2006, at 13:35:00. The transaction details are as follows:

Booking Date	Type	Article
03.08.2006 12:17:25	TR	Acteo Balsami
01.08.2006 13:35:00	TR	Brot, Toast kg
03.08.2006 12:17:25	TR	Brot, Toast kg
01.08.2006 13:35:00	TR	Butter KG
03.08.2006 12:17:25	TR	Butter KG
03.08.2006 12:17:25	TR	Cheese Gouda
03.08.2006 12:17:25	TR	Ketchup Heinz
03.08.2006 12:17:25	TR	Mushrooms / U
01.08.2006 13:35:00	TR	Salami KG
03.08.2006 12:17:25	TR	Salami KG
03.08.2006 12:17:25	TR	Tomatoes kg

The transaction details are as follows:

ACT SOH	23,3	Price	0,890
QTY	0,12	Price	0,890
COS ID1/ID 2	977		0,00

A message box contains the following text:

Transfer TR-06-08-01-00001 From '01.08.2006'
Automated Transaction based on Depletion Rules
Moved to Grill Restaurant

Below the message box, transaction history is shown:

S.Price	Document Date	Tran
0,00	03.08.2006	Tran
0,00	01.08.2006	Tran
0,00	03.08.2006	Tran
0,00	01.08.2006	Tran
0,00	03.08.2006	Tran
0,00	01.08.2006	Tran
0,00	03.08.2006	Tran

Exceptions / Special Cases:

There are some exceptions which have to be considered when using this feature:

- Similar as the stock reduction through the POS interfaces this feature **ignores** the parameter NONNEGATIVESTOCK. The system will book to negative SOH in case of insufficient stock on hand!
- If one or more of the articles which should be transferred is marked as "HACCP" article and the source store or the target store is marked as "Batch Processing" the transfer will be created and saved as "**Open Transfer**", but not booked automatically!
- If a different store was assigned to the product / sales article already (Production > Products > "Change Store") the depletion rule will be **ignored!**
- Inventory Booking: Make sure that this job does not run during inventory closing!
- This function can not check whether the store was already closed after an inventory or not!