

# **MICROS Materials Control**

Deposit Management



Product Version **8.7.30.32.1457**

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# Introduction:

## Before installing:

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.

This document is based on the version 8.7.30.32.1457 of Materials Control. Parts of the described functionality are available in lower versions as well.

### **NOTE:**

Please ensure that there are no more open inventories before starting the update! All open inventories **MUST** be closed.

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.).

## General Information:

This document describes the configuration & use of deposit articles and deposit units. This will enable the user to manage and count deposits similar to "normal" articles, but use as well the automated deposit booking features.

To activate the functionality the following parameter must be set:

Go to System > Configuration > FBV8.INI > Bestellwesen > PFANDISART:

Option: Change Configuration Settings	
Configurations File	fbv8.ini
Section	BESTELLWESEN
Item	PFANDISART
Value	T
Information	if T: for using deposit articles, if Empty: for using deposit units
<div> <input type="button" value="OK"/> <input type="button" value="Cancel"/> </div>	

This parameter must be set to T in order to use the below described deposit functionality.

Please read the related points in the sections Master Data (Cost Center), Purchase (Receiving) and Store (Transfer and Inventory).

Also the usual deposit articles and deposit units must be created and linked correctly.

## Master Data:

### Cost Center > Configuration of Deposit Stores

The Deposit Stores are used for automated transactions when deposit units are used.

It is possible to use one or multiple deposit stores per database. This may be required especially for foundation / multi-property installations.

Go to Master Data > Cost Center / Stores:

Mark the checkbox “For Booking Deposits” to define a store as Deposit Store.

- Deposit stores must be defined as “Store”.
- The option “For Statistics” is not available.
- Deposit Store Inventories will always be generated as “Set not filled to POT”

## Detached Deposit Stores

Detached Deposit Stores could be used to support “Partial Automated Deposit Management”.

Standard behavior:

A defined deposit store is assigned to one or more receiving cost centers. Receivings for deposit units will update the SOH in the deposit store. During inventory the counts in the receiving stores will update the deposit store as well. A deposit inventory can be done together with the inventory of all connected receiving stores only.

Detached Inventory:

If a cost center is defined as “Use Deposits” the function “Detached Inventory” is available.

If this option is marked, the behavior changes as follows:

Receivings for deposit units will still update the SOH in the deposit store.

- During inventory the counts in the receiving stores will no longer update the deposit store.
- A deposit inventory can be done any time as it is no longer connected to the assigned stores.

## Cost Center > Use Deposits

The cost center must be configured to use an assigned deposit store.

“Use Deposits”:

If this checkbox is ticked:

- This cost center / store will use a deposit store. All deposit articles (booked through linked units) will be booked into the assigned deposit store.

If this checkbox NOT is ticked:

- This cost center / store will NOT use a deposit store. All deposit articles (booked through linked units) will be booked into the cost center / store itself.

It is possible to use a mixture of both configurations per installation.

“Deposit Store”:

If the checkbox “Use Deposits” is ticked the user must select a deposit store from the drop down box. The system will here display stores defined as “For Booking Deposits” only.

When doing a receiving or a transfer the deposit articles will be booked into this store.

Please note that this option is greyed out if the cost center / store is defined as “For Booking Deposits”!

A specific entry is written into the Control Table when changing this configuration!

When updating an existing MC installation using the old deposit handling the configuration will be adjusted as follows:

- If one cost center is defined as “For Booking Deposits” this setting will be kept.
- All other existing stores will be marked with “Use Deposits” and the existing deposit store is assigned

## **Cost Center > Inventory Settings**

If a cost center itself or the assigned inventory template is defined with “Set not filled to 0” the system will not calculate any deposit quantities.

If a cost center itself or the assigned inventory template is defined with “Set not filled to POT” the system will not calculate any deposit quantities.

Using this option the system just calculates the potential stock on hand in base unit as actual stock on hand.



## Articles / Units > Deposit Setup

This chapter will explain the setup of deposit articles and units required for the described deposit management.

In order to use the inventory function for deposits all deposit articles (e.g. bottles, cases and kegs) must be created first.

Go to Master Data > Articles:

Create here the required articles for the deposit subunits with the base unit “Each” and the correct price.

The screenshot shows the 'Manage Articles' window with the following details:

- Article:** Dep. Bottle 0.2 ltr € 0.15
- Item Group:** Deposits
- Base Unit:** Each
- Price Behavior:** Dynamic Price
- Last Purchase Price:** 0.15000
- Sales Price:** 0.00000
- Deposit Item:** ☒ (highlighted with a red box)

Create here also the required articles for the main deposit units (e.g. cases) with the base unit “Each” and the correct price.

Article: Dep. Case 24 x 0,2 ltr € 3,00

Assigned to: Profit Contribution

Article No.: 89900013

Item Group: Deposits

Base Unit: Each

Authorisation Level: 0

Store Unit: Each

Nutrient:

Nutrient Factor:

Additives:

Loss:

Weight Factor: 1,0000

Volume: 1,0000

Quality:

Expires in: Days

HACCP Required:

Price Behavior: Dynamic Price

Planned Price:

Future Planned Price:

Last Purchase Price: 3,00000

Sales Price: 0,00000

ABC Indicator: A B C

Standard Stock:

Shipment Item:

Support Item:

Deposit Item: ☒

Please make sure that the naming is clear and easy to understand.

These articles must be flagged as “Deposit Items”. Otherwise the article will not be visible in the selection box when setting up deposit units.

Go to Master Data > Units:

Create here the units for purchasing and inventory.

Start with the unit for the smallest element of a deposit unit (e.g. deposit bottle):

Unit: Dep. Bottle 0,2l 0,15 €

Order Name: Bottle 0,2l 0,15 €

Consists of: 0,2 Liter

QTY/BU: 0,2 Liter

Deposit: ☒ Unit is a Deposit

Value of the Deposit: 0,15000

Article: Dep. Bottle 0,2 ltr € 0,15

Contained Units are Deposits: ☐

Value of Contained Units: 0,00000

Article:

Total Value of the Deposit: 0,15000

Use Unit in Stock Taking: ☒

- Define the internal name which should clearly explain that this is a deposit unit.
- Define the order name (will be used on order sheets).

- Define the content quantity (e.g. 0.2 liters)
- Mark the checkbox “Unit is a Deposit” and assign the already created deposit article for this unit. The system here will display articles only marked as “Deposit Items”!
- Make sure that the correct value for this deposit is shown.
- Make sure that the checkbox “Use Unit in Stock Taking” is marked.

Now create the unit for the other elements of a deposit unit (e.g. deposit case):

The screenshot shows the 'Manage Units' window with the following configuration:

- Unit:** Dep. Case 24x0,2l 3,-€ (Active)
- Order Name:** Case 24 x 0,2l 3,-€
- Consists of:**
  - 24 Dep. Bottle 0,2l 0,15 € (Units)
  - 4,8 Liter (Base Unit)
- Deposit Section:**
  - ☒ Unit is a Deposit (Value of the Deposit: 3,00000)
  - Article: Dep. Case 24 x 0,2 ltr € 3,00
  - ☒ Contained Units are Deposits (Value of Contained Units: 3,60000)
  - Article: Dep. Bottle 0,2 ltr € 0,15
  - Total Value of the Deposit: 6,60000
  - ☒ Use Unit in Stock Taking

- Define the internal name which should clearly explain that this is a deposit unit and the content.
- Define the order name (will be used on order sheets).
- Define the content quantity. Select here the contained unit (e.g. Deposit Bottle 0.2ltr). Now the checkbox “Contained Units are Deposits” is ticked and the already created and the article assigned to this unit will be displayed.
- Make sure that the correct “Value of Contained Units” is shown.
- Mark the checkbox “Unit is a Deposit” and assign the already created deposit article for this unit. The system here will display articles only marked as “Deposit Items”!
- Make sure that the correct value for this deposit is shown.
- Make sure that the correct “Total Value of the Deposit” is shown
- Make sure that the checkbox “Use Unit in Stock Taking” is marked.

## Purchase:

### Receiving > Deposit Handling

The following chapter will describe the behavior of deposit articles for the different configurations in the receiving module.

#### Example:

##### Parameters:

PFANDISART = T

##### Cost Centers:

Deposit Store 1 -> For Booking Deposits = T  
 Deposit Store 2 -> For Booking Deposits = T  
 Main Store Bev -> Deposit Store Configuration: Use Deposits = T, Deposit Store 2  
 Restaurant -> Deposit Store Configuration: Use Deposits = T, Deposit Store 1  
 Bar -> Deposit Store Configuration: Use Deposits = T, Deposit Store 2  
 Beergarden -> Deposit Store Configuration: Use Deposits = F

##### Articles:

Mineral Water filled in 0,2 ltr bottles, packed in cases with 24 bottles.

Manage Articles

Article: Mineral Water 0,2ltr | Active | PA for Recipe:

Assigned to: ☒ Profit Contribution ☐ Expenses

Article No.: 31000033

Item Group: Lemonades / Water

Base Unit: Liter

Authorisation Level: 0

Price Behavior: ☐ Dynamic Price ☐ Fixed Proposal Price ☒ Fixed Price

Planned Price: To: 1,2 From: 1,2

Future Planned Price: To: 1,2

Last Purchase Price: 0,24000

The bottle has a deposit value of €0,15.

Manage Articles

Article: Dep. Bottle 0.2 ltr € 0,15 | Active | PA for Recipe:

Assigned to: ☒ Profit Contribution ☐ Expenses

Article No.: 89900001

Item Group: Deposits

Base Unit: Each

Authorisation Level: 0

Price Behavior: ☒ Dynamic Price ☐ Fixed Proposal Price ☐ Fixed Price

Planned Price: To: 1,2 From: 1,2

Future Planned Price: To: 1,2

Last Purchase Price: 0,15000

The case has a deposit value of € 3,00.

Manage Articles

File Edit Master Data Help

Article Dep. Case 24 x 0,2 ltr € 3,00 Active PA for Recipe:

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

Assigned to: ☐ Profit Contribution ☐ Expenses

Article No. 89900013

Item Group Deposits

Base Unit Each

Authorisation Level 0

☐ Receiving in Base Units

☐ Use only on Stock

Store Unit Each

Price Behavior: ☒ Dynamic Price ☐ Fixed Proposal Price ☐ Fixed Price

Planned Price: To:  From:

Future Planned Price: To:

Last Purchase Price 3,00000

### Units:

Dep. Case 24 x 0.2 ltr -> Deposit Case containing 24 deposit bottles

Manage Units

File Edit Master Data Help

Unit Dep. Case 24x0,2l 3,-€ Active

Edit Unit Overview

Order Name Case 24 x 0,2l 3,-€

Consists of 24 Dep. Bottle 0,2l 0,15 € Units

QTY/BU 4,8 Liter Base Unit

Deposit

☒ Unit is a Deposit Value of the Deposit 3,00000

Article Dep. Case 24 x 0,2 ltr € 3,00

☒ Contained Units are Deposits Value of Contained Units 3,60000

Article Dep. Bottle 0,2 ltr € 0,15

Total Value of the Deposit 6,60000

☒ Use Unit in Stock Taking

All Stocks on Hand are 0.

Stock Article:

[illegible]

Deposit Bottle:

[illegible]

## Deposit Case:

Manage Articles

File Edit Master Data Help

Article: Dep. Case 24 x 0.2 ltr € 3,00 Active PA for Recipe:

Edit Article Purchase Articles Categories Article Description Order Qty Calculation Other Settings Overview Stock on Hand Purchase Statistics Products Article 4 ▶

Article	Cost Center/Store	QTY/BU	Base Unit	QTY	Preferred Unit	AVE	Total
Dep. Case 24 x 0.2 ltr € 3,00	Container Store 1	300.00000	Each	300.000	Each	0.00000	0
Dep. Case 24 x 0.2 ltr € 3,00	Container Store 2	133.00000	Each	133.000	Each	2.26514	301
Dep. Case 24 x 0.2 ltr € 3,00	Tennis hall	0.00000	Each	0.000	Each	3.00000	0
Total		433.00000					301

Add Position

NUM

Go to Purchase > Receiving > create a new delivery note > book the stock article with a quantity of 10 using the deposit case:

Delivery Note: Mr Drink / 19.02.2013

Cost Center/Store: Main Store Beverage

<Item Group>

Article: Mineral Water 0,2ltr

Unit: Dep. Case 24x0,2l 3,-€

Utilization Code

CFOP

	QTY	Price	Discount	2nd Discount	Discount (value)	E - Charges	Net	TAX
€	10	5,76000	0,00%	12,00%	0,00000	0,00000	5,07	19,000

Save Cancel

Receiving

File Edit Purchase Master Data Help

Supplier: Mr Drink Date: 19.02.2013 Totals Add. Info Summary

Delivery Note: 123456 Net/TAX/Gross: 123,60 15,56 139,16

Supplier Rating

Total Weight: 10,0000

S	P	Pos >>	Article No.	Article	Price/Unit	Unit	QTY/BU	Price/BU	Discount	2nd Discount	Weight/Unit
		1		Mineral Water 0,2ltr	5,76000	Dep. Case 24x0,2l	48,00000	1,20000	0,00%	0,00%	1,0000
Co		2		Dep. Case 24x0,2l 3	3,00000		10,00000	0,62500	0,00%	0,00%	
Co		3		Dep. Bottle 0,2l 0,15	0,15000		240,00000	0,75000	0,00%	0,00%	

New Position Reorganize Pos Change Status Apply Changes Change QTY/BU Deposits Book

The system will show the “normal” store per transaction. The assigned deposit store (if configured) will be selected automatically during the booking process.

Click on the button “Deposit”:

Deposit Returns

Cost Center/Store: Main Store Beverage Unit: Add

Cost Center/Store	Deposit	Price	Discount	QTY	Return	T
Main Store Beverage	Dep. Case 24x0,2l 3,-€	3,00000	0,00%	10,000		
Main Store Beverage	Dep. Bottle 0,2l 0,15 €	0,15000	0,00%	240,000		
TOTAL						

OK Cancel

Here the user can enter the deposit article quantities which should be returned to the supplier. These will be reduced from the assigned deposit store (if configured) automatically.

In this example no deposits are returned. Click “Cancel” to close this screen. Click “Book” in the receiving detail screen to process the document.





Manage Articles

File Edit Master Data Help

Article: Dep. Bottle 0.2 ltr € 0,15 Active PA for Recipe:

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

Article	Cost Center/Store	QTY/BU	Base Unit	QTY	Preferred Unit	AVE	Total
Dep. Bottle 0.2 ltr € 0,15	Container Store 1	7.056,00000	Each	7.056,000	Each	0,00000	0,000
Dep. Bottle 0.2 ltr € 0,15	Container Store 2	3.432,00000	Each	3.432,000	Each	0,11584	397,575
Dep. Bottle 0.2 ltr € 0,15	Main Store Beverage	0,00000	Each	0,000	Each	0,15000	0,000
Dep. Bottle 0.2 ltr € 0,15	Tennis hall	0,00000	Each	0,000	Each	0,15000	0,000
	Total	10.488,00000					397,575

Add Position

NUM

The Main Store Beverage still shows a SOH of 0 since it is configured to use the Container Store 2.

Container Store 2 shows a SOH of 3432 (old: 3192) each because the Main Store Beverage is using this store as Deposit Store.

Deposit Case 24 x 0,2ltr:

Manage Articles

File Edit Master Data Help

Article: Dep. Case 24 x 0.2 ltr € 3,00 Active PA for Recipe:

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

Article	Cost Center/Store	QTY/BU	Base Unit	QTY	Preferred Unit	AVE	Total
Dep. Case 24 x 0.2 ltr € 3,00	Container Store 1	300,00000	Each	300,000	Each	0,00000	0,000
Dep. Case 24 x 0.2 ltr € 3,00	Container Store 2	143,00000	Each	143,000	Each	2,31653	331,263
Dep. Case 24 x 0.2 ltr € 3,00	Tennis hall	0,00000	Each	0,000	Each	3,00000	0,000
	Total	443,00000					331,263

Add Position

NUM

The Main Store Beverage is not listed since it is configured to use the Container Store 2.

Container Store 2 shows a SOH of 143 (old: 133) each because the Main Store Beverage is using this store as Deposit Store.

### Article History:

## Negative Quantities

The parameter "RCV\_NONEGATIVEQTY" is ignored for deposit returns in receiving. This is by design.

## Return to Supplier > Deposit Return

Go to Purchase > Return to Supplier >

The deposit button is disabled in this function.

Using this function here would mean: Return e.g. 10 full cases to the supplier and receive e.g. 10 empty cases (when using the deposit button) from the supplier.

When booking a return to supplier using a deposit unit the transaction will be processed correctly. The article itself will be reduced from the selected store and the deposits will be reduced from the deposit store or the store itself depending on the cost center configuration.

In case just empty cases and empty bottles should be returned, the user should select these deposit articles and return them from the deposit store.

Please note that the system is not checking for valid stock on hand for the deposit articles in the deposit store. If there is not enough stock on hand for these articles, the system will ignore this and create negative stock on hand. This is by design!

## Store:

### Transfer > Deposit Handling

Here we have to look on various scenarios.

- Case a) Transfer from a store with deposit store to a store with the same deposit store
- Case b) Transfer from a store with deposit store to a store with a different deposit store
- Case c) Transfer from a store with deposit store to a store without deposit store
- Case d) Transfer from a store without deposit store to a store without deposit store
- Case e) Transfer from a store without deposit store to a store with deposit store

In all scenarios the behavior will be different.

Please note that the system is not checking for valid stock on hand for the deposit articles in the deposit store. If there is not enough stock on hand for these articles, the system will ignore this and create negative stock on hand.

#### Case a) Transfer from a store with deposit store (Main Store Beverage) to a store with the same deposit store (Bar)

In this case both stores, source and target, have the same Deposit Store attached.

Store configuration:

“Use Deposits” is ticked for both stores; Deposit Store 2 is assigned to both stores.

Example:

Transfer of 1 Dep.Cases 24x0,2 with 24 Dep. Bottles 0,2ltr each from Main Store Beverage to the Grill Restaurant, deposit store for both: Deposit Store 2

The screenshot shows the 'Transfer Management' window. The 'Transfer' tab is active, and the 'Open Transfer' button is visible. The 'Cost Center/Store' is set to 'Main Store Beverage' and the 'Transfer To' is 'Grill Restaurant'. The 'Date' is '19.02.2013'. The 'Owner' is 'admin'. There are checkboxes for 'Ask for From Cost Center/Store (Assortment only)' and 'Ask for To Cost Center/Store (Assortment only)'. Below these are fields for 'Information' and 'Reference Number'. A table lists the transfer details:

A	Pos	SOH	Store Unit	Article	QTY	Unit	QTY/Transit	Req. QTY	Reason Code	Article No.	AVE
→	1	10.000	Dep. Case	Mineral Water 0,2ltr	1.000	Dep. Case 24x0,2	0.000	1.000	No RC defined	31000033	1.

At the bottom, there are buttons for 'New Position', 'Reorganize Pos', 'Delete Flag', 'Decline', 'Accept', and 'Book'.

Main Store Beverage  
- 4,8 Mineral Water (liter)

Grill Restaurant  
+ 4,8 Mineral Water (liter)

Deposit Store 2  
- 1 Deposit Cases (from Main Store Beverage)  
- 24 Deposit Bottles (from Main Store Beverage)  
+ 1 Deposit Cases (to Grill Restaurant)  
+ 24 Deposit Bottles (to Grill Restaurant)

Booking Journal for this transaction:

Booking Journal

File Edit Result Help

Cost Center/Store: Holiday Park Hotel(+); Time Period: Booking Date >= 19.02.2013 and Booking Date < 20.02.2013; Sorted by Booking Date; ; Only selected Transaction Types: Transfer In, Transfer Out

Booking Date	Document Date	Document Number	Type	Cost Center/Store	Article No.	Article	QTY	Unit
19.02.2013	19.02.2013	TR-13-02-19-00001	TR OUT	Main Store Beverage	31000033	Mineral Water 0,2ltr	-4,800	Liter
19.02.2013	19.02.2013	TR-13-02-19-00001	TR OUT	Container Store 2	89900013	Dep. Case 24 x 0,2 ltr € 3	-1,000	Each
19.02.2013	19.02.2013	TR-13-02-19-00001	TR OUT	Container Store 2	89900001	Dep. Bottle 0,2 ltr € 0,15	-24,000	Each
19.02.2013	19.02.2013	TR-13-02-19-00001	TR IN	Grill Restaurant	31000033	Mineral Water 0,2ltr	4,800	Liter
19.02.2013	19.02.2013	TR-13-02-19-00001	TR IN	Container Store 2	89900013	Dep. Case 24 x 0,2 ltr € 3	1,000	Each
19.02.2013	19.02.2013	TR-13-02-19-00001	TR IN	Container Store 2	89900001	Dep. Bottle 0,2 ltr € 0,15	24,000	Each

NUM

Article History for this transaction:

Article History

File Edit Store Master Data Help

Article History

Holiday Park Hotel (+); From 19.02.2013 to 19.02.2013; Only selected Transaction Types; Displayed in Base Unit

Cost Center/Store	Booking Date	Type	Article	Unit	QTY	Price	S.Price
Container Store 2	19.02.2013 14:13:14	TR	Dep. Bottle 0,2 ltr € 0,15	Each	-24,000	0,11584	0,00
Container Store 2	19.02.2013 14:13:15	TR	Dep. Bottle 0,2 ltr € 0,15	Each	24,000	0,11584	0,00
Container Store 2	19.02.2013 14:13:14	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	-1,000	2,31653	0,00
Container Store 2	19.02.2013 14:13:15	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	1,000	0,11584	0,00
Grill Restaurant	19.02.2013 14:13:14	TR	Mineral Water 0,2ltr	Liter	4,800	1,20000	0,00
Main Store Beverage	19.02.2013 14:13:14	TR	Mineral Water 0,2ltr	Liter	-4,800	1,20000	0,00

Case b) Transfer from a store with deposit store (Grill Restaurant) to a store with different deposit store (Beergarden)

In this scenario we have to book the normal goods from the Grill Restaurant to the Beergarden and the deposits from the source Deposit Store 2 to the target Deposit Store 1.

Store configuration:

“Use Deposits” is ticked for both stores, different deposit stores are assigned to the stores.

Example:

Transfer of 1 Dep.Cases with 24 Dep. Bottles 0,2ltr each from the Grill Restaurant (Deposit Store 2) to the Beergarden (Deposit Store 1).

The screenshot shows the 'Transfer Management' window. The 'Transfer' tab is active, displaying fields for 'Cost Center/Store' (Grill Restaurant), 'Transfer To' (Beergarden), 'Date' (19.02.2013), and 'Owner' (admin). Below these fields is a table with columns: A, Pos, SDH, Store Unit, Article, QTY, Unit, QTY/Transit, Req. QTY, Reason Code, Article No., and QTY/BU. The first row shows a transfer of 1 case of Mineral Water 0.2ltr from Grill Restaurant to Beergarden. The 'Book' button is highlighted in yellow.

A	Pos	SDH	Store Unit	Article	QTY	Unit	QTY/Transit	Req. QTY	Reason Code	Article No.	QTY/BU
→	1	1,000	Dep. Case	Mineral Water 0.2ltr	1,000	Dep. Case 24x0.2	0,000	1,000	No RC defined	31000033	4,80000

Grill Restaurant

- 4,8 Mineral Water (liter)

Beergarden

+ 4,8 Mineral Water (liter)

Deposit Store 2

- 1 Deposit Cases (from Deposit Store 2)

- 24 Deposit Bottles (from Deposit Store 2)

Deposit Store 1

+ 1 Deposit Cases (to Deposit Store 1)

+ 24 Deposit Bottles (to Deposit Store 1)

## Booking Journal for this transaction:

Booking Journal

File Edit Result Help

Cost Center/Store: Holiday Park Hotel(+); Time Period: Document Date >= 19.02.2013 and Document Date < 20.02.2013; Sorted by Document Date; Only selected Transaction Types: Transfer In, Transfer Out

Booking Date	Document Date	Document Number	Type	Cost Center/Store	Article No.	Article	QTY	Unit	Transfer Cost Center
19.02.2013	19.02.2013	TR-13-02-19-00002	TR IN	Container Store 1	89900001	Dep. Bottle 0,2 ltr € 0,15	24,000	Each	Grill Restaurant
19.02.2013	19.02.2013	TR-13-02-19-00002	TR OUT	Grill Restaurant	31000033	Mineral Water 0,2ltr	-4,800	Liter	Beergarden
19.02.2013	19.02.2013	TR-13-02-19-00002	TR OUT	Container Store 2	89900013	Dep. Case 24 x 0,2 ltr € 3,0	-1,000	Each	Beergarden
19.02.2013	19.02.2013	TR-13-02-19-00002	TR OUT	Container Store 2	89900001	Dep. Bottle 0,2 ltr € 0,15	-24,000	Each	Beergarden
19.02.2013	19.02.2013	TR-13-02-19-00002	TR IN	Beergarden	31000033	Mineral Water 0,2ltr	4,800	Liter	Grill Restaurant
19.02.2013	19.02.2013	TR-13-02-19-00002	TR IN	Container Store 1	89900013	Dep. Case 24 x 0,2 ltr € 3,0	1,000	Each	Grill Restaurant

NUM

## Article History for this transaction:

Article History

File Edit Store Master Data Help

Article History

Holiday Park Hotel (+); From 19.02.2013 to 19.02.2013; Only selected Transaction Types; Displayed in Base Unit

Cost Center/Store	Booking Date	Type	Article	Unit	QTY	Price	S.Price
Container Store 1	19.02.2013 14:21:16	TR	Dep. Bottle 0,2 ltr € 0,15	Each	24,000	0,11584	0,00
Container Store 2	19.02.2013 14:21:16	TR	Dep. Bottle 0,2 ltr € 0,15	Each	-24,000	0,11584	0,00
Container Store 1	19.02.2013 14:21:16	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	1,000	0,11584	0,00
Container Store 2	19.02.2013 14:21:16	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	-1,000	2,30124	0,00
Beergarden	19.02.2013 14:21:16	TR	Mineral Water 0,2ltr	Liter	4,800	0,00000	0,00
Grill Restaurant	19.02.2013 14:21:16	TR	Mineral Water 0,2ltr	Liter	-4,800	1,20000	0,00



Case c) Transfer from a store with deposit store (Beergarden) to a store without deposit store (Club)

Here we have to book the normal goods from the Beergarden to the Club and the deposits from the assigned Deposit Store 1 of the source store (Beergarden) to the normal target store Club (no deposit store assigned).

Store configuration:

“Use Deposits” is ticked for the Beergarden only, the source store Beergarden has Deposit Store 1 assigned, the target store Club has no deposit store assigned (deposits are kept in the store itself).

Example:

Transfer of 1 Dep.Cases with 24 Dep. Bottles 0,2ltr each from Beergarden (Deposit Store 1 assigned) to Club (no deposit store assigned)

The screenshot shows the 'Transfer Management' window. The 'Transfer' tab is active, displaying fields for 'Cost Center/Store' (Beergarden), 'Transfer To' (Club), 'Date' (19.02.2013), and 'Owner' (admin). Below these fields is a table with columns: A, Pos, SDH, Store Unit, Article, QTY, Unit, QTY/Transit, Req. QTY, Reason Code, Article No., and AVE. The first row of the table contains the following data: A (arrow), Pos (1), SDH (1,000), Store Unit (Dep. Case), Article (Mineral Water 0,2ltr), QTY (1,000), Unit (Dep. Case 24x0,2), QTY/Transit (0,000), Req. QTY (1,000), Reason Code (No RC defined), Article No. (31000033), and AVE (0). At the bottom of the window, there are buttons for 'New Position', 'Reorganize Pos', 'Delete Flag', 'Decline', 'Accept', and 'Book'.

A	Pos	SDH	Store Unit	Article	QTY	Unit	QTY/Transit	Req. QTY	Reason Code	Article No.	AVE
→	1	1,000	Dep. Case	Mineral Water 0,2ltr	1,000	Dep. Case 24x0,2	0,000	1,000	No RC defined	31000033	0

Beergarden

- 4,8 Mineral Water (liter)

Club

+ 4,8 Mineral Water (liter)

Deposit Store 1

- 1 Deposit Cases (Deposit Store 1)

- 24 Deposit Bottles (Deposit Store 1)

Club

+ 1 Deposit Cases (to Club)

+ 24 Deposit Bottles (to Club)

Booking Journal for this transaction:

Booking Journal

File Edit Result Help

Cost Center/Store: Holiday Park Hotel(+); Time Period: Document Date >= 19.02.2013 and Document Date < 20.02.2013; Sorted by Document Date; ; Only selected Transaction Types: Transfer In, Transfer Out

Booking Date	Document Date	Document Number	Type	Cost Center/Store	Article No.	Article	QTY	Unit	Transfer Cost Center
19.02.2013	19.02.2013	TR-13-02-19-00003	TR OUT	Beergarden	31000033	Mineral Water 0,2ltr	-4,800	Liter	Club
19.02.2013	19.02.2013	TR-13-02-19-00003	TR OUT	Container Store 1	89900013	Dep. Case 24 x 0,2 ltr € 3	-1,000	Each	Club
19.02.2013	19.02.2013	TR-13-02-19-00003	TR OUT	Container Store 1	89900001	Dep. Bottle 0,2 ltr € 0,15	-24,000	Each	Club
19.02.2013	19.02.2013	TR-13-02-19-00003	TR IN	Club	31000033	Mineral Water 0,2ltr	4,800	Liter	Beergarden
19.02.2013	19.02.2013	TR-13-02-19-00003	TR IN	Club	89900013	Dep. Case 24 x 0,2 ltr € 3	1,000	Each	Beergarden
19.02.2013	19.02.2013	TR-13-02-19-00003	TR IN	Club	89900001	Dep. Bottle 0,2 ltr € 0,15	24,000	Each	Beergarden

NUM

Article History for this transaction:

Article History

File Edit Store Master Data Help

Article History

Holiday Park Hotel (+); From 19.02.2013 to 19.02.2013; Only selected Transaction Types; Displayed in Base Unit

Cost Center/Store	Booking Date	Type	Article	Unit	QTY	Price	S.Price
Grill Restaurant	19.02.2013 14:21:16	TR	Mineral Water 0,2ltr	Liter	-4,800	1,20000	
Club	19.02.2013 14:40:43	TR	Dep. Bottle 0,2 ltr € 0,15	Each	24,000	0,00039	
Container Store 1	19.02.2013 14:40:43	TR	Dep. Bottle 0,2 ltr € 0,15	Each	-24,000	0,00039	
Club	19.02.2013 14:40:43	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	1,000	0,00039	
Container Store 1	19.02.2013 14:40:43	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	-1,000	0,00038	
Beergarden	19.02.2013 14:40:43	TR	Mineral Water 0,2ltr	Liter	-4,800	0,00000	
Club	19.02.2013 14:40:43	TR	Mineral Water 0,2ltr	Liter	4,800	0,00000	

Case d) Transfer from a store without deposit store (Club) to a store without deposit store (Restaurant 2)

Here we have to book the normal goods from the source store Club to the target store Restaurant 2 and the deposits from the normal source store to the normal target store.

Store configuration:

“Use Deposits” is not ticked for both stores, both stores have no deposit store assigned (deposits are kept in the store itself).

Example:

Transfer of 1 Dep.Cases with 24 Dep. Bottles 0,2ltr each from Club (no deposit store assigned) to Restaurant 2 (no deposit store assigned).

The screenshot shows the 'Transfer Management' window. The 'Transfer' tab is active, and the 'Open Transfer' button is visible. The 'Cost Center/Store' is set to 'Club' and the 'Transfer To' is 'Restaurant 2'. The 'Date' is '19.02.2013'. The 'Owner' is 'admin'. There are checkboxes for 'Ask for From Cost Center/Store (Assortment only)' and 'Ask for To Cost Center/Store (Assortment only)', both of which are unchecked. A 'Change Owner' button is also present. Below the form fields is a table with the following columns: A, Pos, SDH, Store Unit, Article, QTY, Unit, QTY/Transit, Req. QTY, Reason Code, Article No., and AVE. The first row of the table is highlighted and contains the following data: A (arrow), Pos (1), SDH (1,000), Store Unit (Dep. Case), Article (Mineral Water 0,2ltr), QTY (1,000), Unit (Dep. Case 24x0,2), QTY/Transit (0,000), Req. QTY (1,000), Reason Code (No RC defined), Article No. (31000033), and AVE (0). At the bottom of the window, there are buttons for 'New Position', 'Reorganize Pos', 'Delete Flag', 'Decline', 'Accept', and 'Book'.

A	Pos	SDH	Store Unit	Article	QTY	Unit	QTY/Transit	Req. QTY	Reason Code	Article No.	AVE
→	1	1,000	Dep. Case	Mineral Water 0,2ltr	1,000	Dep. Case 24x0,2	0,000	1,000	No RC defined	31000033	0

Club

- 4,8 Mineral Water (liter)

Restaurant 2

+ 4,8 Mineral Water (liter)

Club

- 1 Deposit Cases (from Club)

- 24 Deposit Bottles (from Club)

Restaurant 2

+ 1 Deposit Cases (to Restaurant 2)

+ 24 Deposit Bottles (to Restaurant 2)

Booking Journal for this transaction:

Booking Journal

File Edit Result Help

Cost Center/Store: Holiday Park Hotel(+); Time Period: Document Date >= 19.02.2013 and Document Date < 20.02.2013; Sorted by Document Date; Only selected Transaction Types: Transfer In, Transfer Out

Booking Date	Document Date	Document Number	Type	Cost Center/Store	Article No.	Article	QTY	Unit	Transfer Cost Center
19.02.2013	19.02.2013	TR-13-02-19-00004	TR OUT	Club	31000033	Mineral Water 0,2ltr	-4,800	Liter	Restaurant 2
19.02.2013	19.02.2013	TR-13-02-19-00004	TR OUT	Club	89900013	Dep. Case 24 x 0,2 ltr € 3,0	-1,000	Each	Restaurant 2
19.02.2013	19.02.2013	TR-13-02-19-00004	TR OUT	Club	89900001	Dep. Bottle 0,2 ltr € 0,15	-24,000	Each	Restaurant 2
19.02.2013	19.02.2013	TR-13-02-19-00004	TR IN	Restaurant 2	31000033	Mineral Water 0,2ltr	4,800	Liter	Club
19.02.2013	19.02.2013	TR-13-02-19-00004	TR IN	Restaurant 2	89900013	Dep. Case 24 x 0,2 ltr € 3,0	1,000	Each	Club
19.02.2013	19.02.2013	TR-13-02-19-00004	TR IN	Restaurant 2	89900001	Dep. Bottle 0,2 ltr € 0,15	24,000	Each	Club

Article History for this transaction:

Article History

File Edit Store Master Data Help

Holiday Park Hotel(+); From 19.02.2013 to 19.02.2013; Only selected Transaction Types; Displayed in Base Unit

Cost Center/Store	Booking Date	Type	Article	Unit	QTY	Price	S.Price
Club	19.02.2013 15:00:03	TR	Dep. Bottle 0,2 ltr € 0,15	Each	-24,000	0,00039	0
Restaurant 2	19.02.2013 15:00:03	TR	Dep. Bottle 0,2 ltr € 0,15	Each	24,000	0,00039	0
Club	19.02.2013 15:00:03	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	-1,000	0,00039	0
Restaurant 2	19.02.2013 15:00:03	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	1,000	0,00039	0
Club	19.02.2013 15:00:03	TR	Mineral Water 0,2ltr	Liter	-4,800	0,00000	0
Restaurant 2	19.02.2013 15:00:03	TR	Mineral Water 0,2ltr	Liter	4,800	0,00000	0

Case e) Transfer from a store without deposit store (Restaurant 2) to a store with deposit store (Main Store Beverage)

Here we have to book the normal goods from the source store Restaurant 2 to the target store Main Store Beverage and the deposits from the normal source Restaurant 2 store to the target Deposit Store 2.

Store configuration:

“Use Deposits” is ticked for the target store Main Store Beverage only, the target store Main Store Beverage has Deposit Store 2 assigned, the source store Restaurant 2 has no deposit store assigned (deposits are kept in the store itself).

Example:

Transfer of 1 Dep.Cases with 24 Dep. Bottles 0,2ltr each from the Restaurant 2 (no deposit store assigned) to the Main Store Beverage (Deposit Store 2)

Restaurant 2

- 4,8 Mineral Water (liter)

Main Store Beverage

+ 4,8 Mineral Water (liter)

Restaurant 2

- 1 Deposit Cases (from Restaurant 2)  
- 24 Deposit Bottles (from Restaurant 2)

Deposit Store 2

+ 1 Deposit Cases (to Deposit Store 2)  
+ 24 Deposit Bottles (to Deposit Store 2)

### Booking Journal for this transaction:

Booking Journal

File Edit Result Help

Cost Center/Store: Holiday Park Hotel(+); Time Period: Document Date >= 19.02.2013 and Document Date < 20.02.2013; Sorted by Document Date; Only selected Transaction Types: Transfer In, Transfer Out

Booking Date	Document Date	Document Number	Type	Cost Center/Store	Article No.	Article	QTY	Unit	Transfer Cost Center
19.02.2013	19.02.2013	TR-13-02-19-00005	TR OUT	Restaurant 2	31000033	Mineral Water 0,2ltr	-4,800	Liter	Main Store Beverag
19.02.2013	19.02.2013	TR-13-02-19-00005	TR OUT	Restaurant 2	89900013	Dep. Case 24 x 0,2 ltr € 3	-1,000	Each	Main Store Beverag
19.02.2013	19.02.2013	TR-13-02-19-00005	TR OUT	Restaurant 2	89900001	Dep. Bottle 0,2 ltr € 0,15	-24,000	Each	Main Store Beverag
19.02.2013	19.02.2013	TR-13-02-19-00005	TR IN	Main Store Beverag	31000033	Mineral Water 0,2ltr	4,800	Liter	Restaurant 2
19.02.2013	19.02.2013	TR-13-02-19-00005	TR IN	Container Store 2	89900013	Dep. Case 24 x 0,2 ltr € 3	1,000	Each	Restaurant 2
19.02.2013	19.02.2013	TR-13-02-19-00005	TR IN	Container Store 2	89900001	Dep. Bottle 0,2 ltr € 0,15	24,000	Each	Restaurant 2

### Article History for this transaction:

Article History

File Edit Store Master Data Help

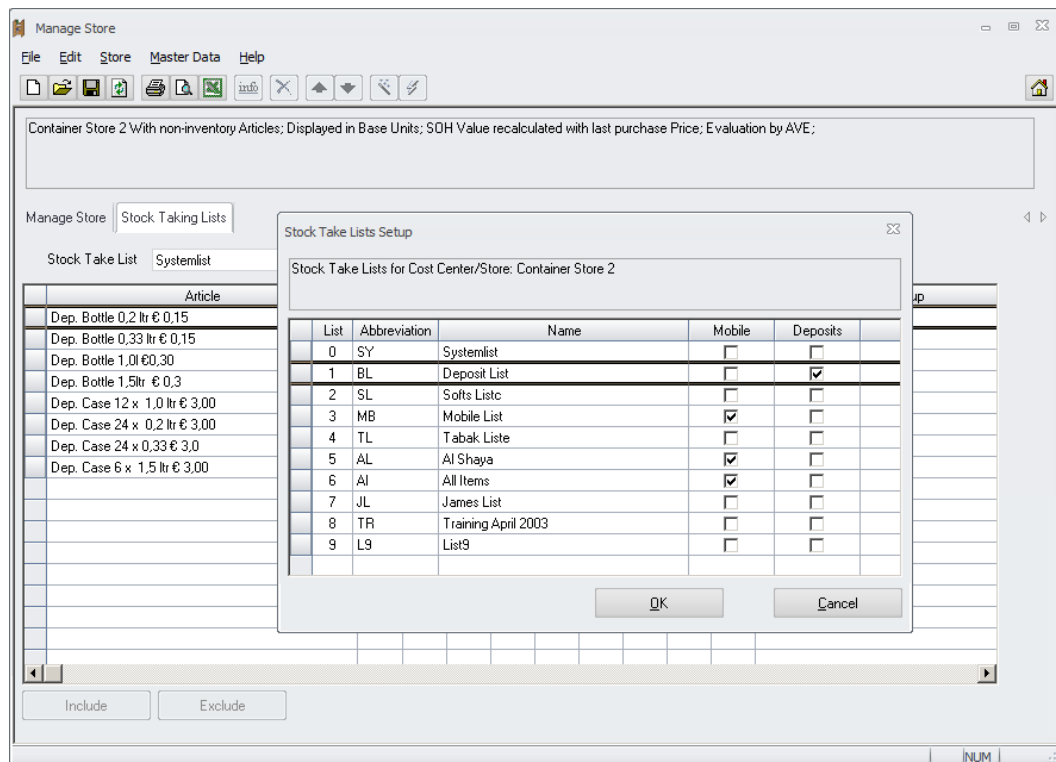
Holiday Park Hotel (+); From 19.02.2013 to 19.02.2013; Only selected Transaction Types; Displayed in Base Unit

Cost Center/Store	Booking Date	Type	Article	Unit	QTY	Price	S.Price
Container Store 2	19.02.2013 15:13:41	TR	Dep. Bottle 0,2 ltr € 0,15	Each	24,000	0,00039	0
Restaurant 2	19.02.2013 15:13:41	TR	Dep. Bottle 0,2 ltr € 0,15	Each	-24,000	0,00039	0
Container Store 2	19.02.2013 15:13:41	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	1,000	0,00039	0
Restaurant 2	19.02.2013 15:13:41	TR	Dep. Case 24 x 0,2 ltr € 3,0	Each	-1,000	0,00039	0
Main Store Beverage	19.02.2013 15:13:41	TR	Mineral Water 0,2ltr	Liter	4,800	0,00000	0
Restaurant 2	19.02.2013 15:13:41	TR	Mineral Water 0,2ltr	Liter	-4,800	0,00000	0

## Manage Store > Deposit List Definition

If the deposit handling as described above and below is required, the user must define a deposit stock take list.

Go to Store > Manage Store > select the **Deposit Store(s)**:



Go to Edit > Options > select one of the lists and define it as the Deposit List (Name & Checkbox!) > click “OK” to confirm.

Do the same for all deposit stores!

Please keep in mind that the stock take list names are defined per cost center.

**NOTE:** List 0 must not be used for Deposits. That would cause not reproducible results and will be blocked by the application in the future.

## Usages > Deposit Handling

Booking of Deposit Units in Usages is currently not supported.

The system will reduce the goods from the store, but the deposit articles connected to the unit will not be booked. These must be booked manually from the related deposit store.

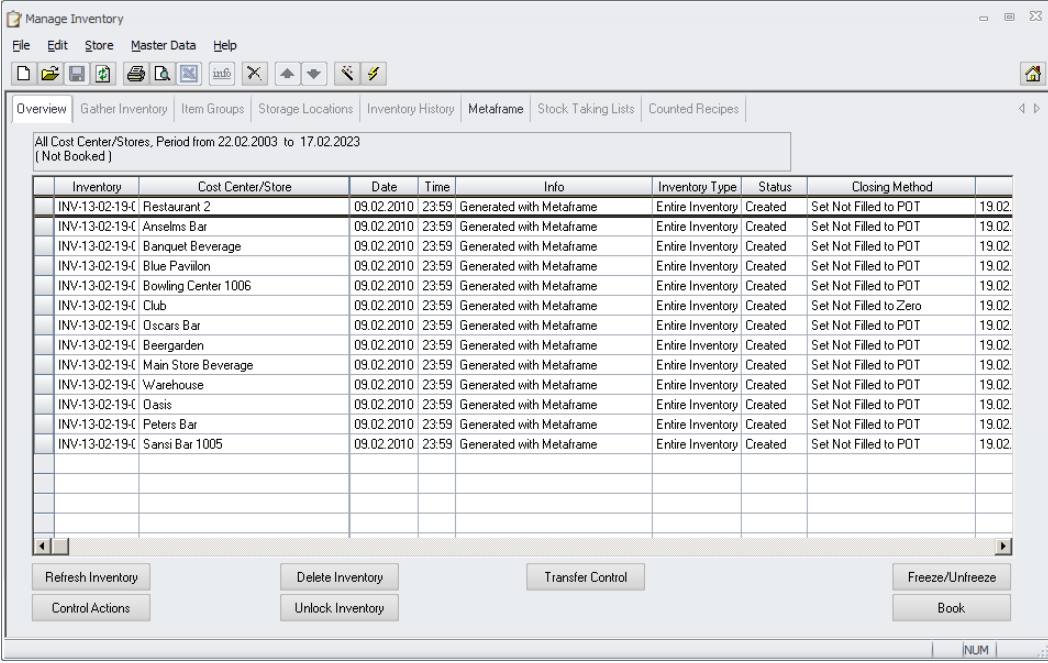
## Inventory > Deposit Handling

This chapter describes the handling of deposit inventories when using the parameter PFANDISART = T and deposit stores are assigned to “normal” stores”.

Deposit Store Inventories cannot be managed through the scheduler. These must be generated and closed manually.

### Inventory Generation:

In the following scenario the month end inventory for the “normal” stores was generated through the scheduler or Metaframe.



The screenshot shows the 'Manage Inventory' application window. The 'Metaframe' tab is selected, displaying a table of inventory data for the period from 22.02.2003 to 17.02.2023. The table lists various cost centers/stores, their dates, times, and the status of their inventories. All inventories are marked as 'Created' and 'Set Not Filled to P0T'.

Inventory	Cost Center/Store	Date	Time	Info	Inventory Type	Status	Closing Method
INV-13-02-19-1	Restaurant 2	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Anselms Bar	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Banquet Beverage	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Blue Pavilion	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Bowling Center 1006	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Club	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to Zero
INV-13-02-19-1	Oscars Bar	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Beergarden	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Main Store Beverage	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Warehouse	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Oasis	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Peters Bar	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T
INV-13-02-19-1	Sansi Bar 1005	09.02.2010	23:59	Generated with Metaframe	Entire Inventory	Created	Set Not Filled to P0T

#### Creation of inventories for deposit stores:

- Deposit inventories can be generated for entire inventories only.
- Spot checks for deposit stores are not allowed.
  - This is not possible as the SOH for the deposit store is generated through other stores which have the deposit store assigned.
- All inventories for stores using this deposit store must be created first.
- The Deposit Inventory must be created before closing the other inventories
- Deposit Inventories must be created manually
- Inventories for Deposit stores will always be generated as “Set not filled to 0”

Click on the “new” icon to generate the inventory for the deposit store:



Option: Create Inventory

Inventory

Inventory Date 19.02.2013

Cost Center/Store **Container Store 2**

Info

Inventory Type  
☒ Entire Inventory ☐ Spot Check

Inventory Time  
☒ End of Day - All stock movements included  
☐ Stock Movements on Inventory Date are not included

Closing Method  
☐ Set Not Filled to POT ☒ Set Not Filled to Zero

Now the system checks if all other necessary inventories are created already. Otherwise the system will not allow to generate an inventory for the related deposit store.

**Deposit Inventory Error**

Inventory for Store(s) is missing

Cost Center/Stores	
Grill Restaurant	
Main Store Beverage	
Warehouse	

**Deposit Inventory can not be generated**

OK

## Inventory Count:

The data entry procedure has not changed a lot.

The quantities can be entered using the Stock Take module or directly in the Inventory module.

### a) Stores using assigned deposit stores:

General behavior: Articles are calculated in the store itself, deposits are calculated in the assigned deposit store.

Please make sure that the quantities are entered in the deposit units if deposits should be calculated!

The screenshot shows the 'Stock Taking' application window. The 'Gather Inventory' tab is active. The 'Inventory' field is set to 'INV-13-02-19-0024', the 'Date' is '19.02.2013', and the 'Cost Center/Store' is 'Main Store Beverage'. The 'Status' is 'Edited'. The 'Stock Take List' is 'Systemlist'. The list shows various items with their units and quantities. A red box highlights the row for 'Mineral Water 0,2ltr'.

D	Article No.	Article	ACT SOH	Unit	ACT/BU	Base Unit
<input type="checkbox"/>				Bottle 0,5l	0,000	Liter
<input type="checkbox"/>				Liter	0,000	Liter Total
<input type="checkbox"/>	31000033	Mineral Water 0,2ltr	10,000	Dep. Case 24x0,2l 3,-€	48,000	Liter
<input type="checkbox"/>				Liter	48,000	Liter Total
<input type="checkbox"/>	33400001	Moet & Chandon U,75l		Case /6 U,75ltr	0,000	Liter
<input type="checkbox"/>				Bottle 0,7l	0,000	Liter
<input type="checkbox"/>				Liter	0,000	Liter Total
<input type="checkbox"/>	13100001	Muffin Blueberry		Each	0,000	Each Total
<input type="checkbox"/>	13100004	Muffin natural		Each	0,000	Each Total
<input type="checkbox"/>	32100004	Murphys Stout		Case /24 0,33ltr	0,000	Liter
<input type="checkbox"/>				Bottle 0,33l	0,000	Liter
<input type="checkbox"/>				Liter	0,000	Liter Total
<input type="checkbox"/>	16900001	Mushrooms / Can 220gr		Each	0,000	Each Total
<input type="checkbox"/>	31300016	Orange Juice Bavaria 0,2ltr		Each	0,000	Each Total

The system will offer the used units, the default stock unit and the base unit. In this example only the unit "Dep. Case ...." was used for receiving and transfer. The unit "Bottle 0,2l" was defined as default stock unit and the base unit is "Liter".

If the deposit management should be used as described, it is recommended to define e.g. the smallest deposit unit as default stock unit for stores using deposits.

The user also can include / exclude the required units using the module “Manage Store”.

If the user enters the quantity in Deposit Units, the system calculates the quantity for the main article as usual plus the quantities for the deposits including contained deposits.

#### Rules for Deposit Units:

- When counting a case (which contains bottles), the system will calculate the case and the bottles!
- The user can count cases including bottles and bottles separately.
- There is no automated rounding necessary.
- Empty cases must be adjusted manually in the deposit store.

# Example 1:

The user has entered the quantity of 10 for “Dep.Cases 24x0,2l”:

D	Article No.	Article	ACT SOH	Unit	ACT/BU	Base Unit	AVE
	35600003	Martini Rosso 0,75L		Bottle 0,75l	0,000	Liter	
	35600001	Martini d'Oro 0,75l		Bottle 0,75l	0,000	Liter	
				Bottle 0,5l	0,000	Liter	
	31000033	Mineral Water 0,2ltr	10,000	Dep. Case 24x0,2l 3,-€	48,000	Liter	
				Dep. Bottle 0,2l 0,15 €	0,000	Liter	
				Liter	10,000	Liter Total	1,0000
	33400001	Moët & Chandon 0,75l		Case /6 0,75ltr	0,000	Liter	
				Bottle 0,7l	0,000	Liter	
				Liter	0,000	Liter Total	21,1111
	13100001	Muffin Blueberry		Each	0,000	Each Total	0,1250
	13100004	Muffin natural		Each	0,000	Each Total	0,1250
	32100004	Murphy Street		Case /24 0,33ltr	0,000	Liter	

This will return as:

- 48 liters (in BU) of Mineral Water in this store
- 240 Deposit Bottles in the assigned deposit store
- 10 Deposit Cases in the assigned deposit store

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH	AV
	89900001	Dep. Bottle 0,2 ltr € 0,15	240,000		Each	0,000	Each Total	3,432,000	
	89900003	Dep. Bottle 0,33 ltr € 0,15			Each	0,000	Each Total	1,848,000	
	89900006	Dep. Bottle 1,0l €0,30			Each	0,000	Each Total	264,000	
	89900007	Dep. Bottle 1,5ltr € 0,3			Each	0,000	Each Total	138,000	
	89900009	Dep. Case 12 x 1,0 ltr € 3,00			Each	0,000	Each Total	22,000	
	89900013	Dep. Case 24 x 0,2 ltr € 3,00	10,000		Each	0,000	Each Total	143,000	
	89900014	Dep. Case 24 x 0,33 € 3,0			Each	0,000	Each Total	55,000	
	89900015	Dep. Case 6 x 1,5 ltr € 3,00			Each	0,000	Each Total	35,000	

## Example 2:

The user has entered the quantity of 10 for “Dep.Cases 24x0,2l...” plus the quantity of 17 for “Dep. Bottle 0,2l...”:

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH
	35600001	Martini d'Oro 0,75l			Bottle 0,75l	0,000	Liter	
	35600001				Bottle 0,5l	0,000	Liter	
	35600001				Liter	0,000	Liter Total	24,975
	31000033	Mineral Water 0,2ltr	10,000	10,000	Dep. Case 24x0,2l 3,4€	48,000	Liter	
	31000033		17,000	17,000	Dep. Bottle 0,2l 0,15€	3,400	Liter	
	31000033				Liter	51,400	Liter Total	48,000
	33400001	Moet & Chandon 0,75l			Case /6 0,75ltr	0,000	Liter	
	33400001				Bottle 0,7l	0,000	Liter	
	33400001				Liter	0,000	Liter Total	27,000
	13100001	Mullin Blueberry			Each	0,000	Each Total	20,000
	13100001				Each	0,000	Each Total	12,000

This will return as:

51,4 liters (in BU) of Evian in this store

257 Deposit Bottles in the assigned deposit store

10 Deposit Cases in the assigned deposit store

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH
	89900001	Dep. Bottle 0,2 ltr € 0,15	257,000		Each	0,000	Each Total	3,432,000
	89900003	Dep. Bottle 0,33 ltr € 0,15			Each	0,000	Each Total	1,848,000
	89900006	Dep. Bottle 1,0l €0,30			Each	0,000	Each Total	264,000
	89900007	Dep. Bottle 1,5ltr € 0,3			Each	0,000	Each Total	138,000
	89900009	Dep. Case 12 x 1,0 ltr € 3,00			Each	0,000	Each Total	22,000
	89900013	Dep. Case 24 x 0,2 ltr € 3,00	10,000		Each	0,000	Each Total	143,000
	89900014	Dep. Case 24 x 0,33 € 3,0			Each	0,000	Each Total	55,000
	89900015	Dep. Case 6 x 1,5 ltr € 3,00			Each	0,000	Each Total	35,000

### Example 3:

The user has entered the quantity of 10 for “Dep.Cases 24x0,2l...” plus the quantity of 24 for “Dep. Bottle 0,2l...”:

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH
	35600003				Liter	0,000	Liter Total	114,000
	35600001	Martini d'Oro 0,75l			Bottle 0,75l	0,000	Liter	
	35600001				Bottle 0,5l	0,000	Liter	
	35600001				Liter	0,000	Liter Total	24,975
	31000033	Mineral Water 0,2ltr	10,000	10,000	Dep. Case 24x0,2l 3-€	48,000	Liter	
	31000033		24,000	24,000	Dep. Bottle 0,2l 0,15 €	4,800	Liter	
	31000033				Liter	52,800	Liter Total	48,000
	33400001	Moet & Chandon 0,75l			Case /6 0,75ltr	0,000	Liter	
	33400001				Bottle 0,7l	0,000	Liter	
	33400001				Liter	0,000	Liter Total	27,000

This will return as:

52,8 liters (in BU) of Evian in this store

264 Deposit Bottles in the assigned deposit store

10 Deposit Cases in the assigned deposit store

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH
	89900001	Dep. Bottle 0,2 ltr € 0,15	264,000		Each	0,000	Each Total	3,432,000
	89900003	Dep. Bottle 0,33 ltr € 0,15			Each	0,000	Each Total	1,848,000
	89900006	Dep. Bottle 1,0l €0,30			Each	0,000	Each Total	264,000
	89900007	Dep. Bottle 1,5ltr € 0,3			Each	0,000	Each Total	138,000
	89900009	Dep. Case 12 x 1,0 ltr € 3,00			Each	0,000	Each Total	22,000
	89900013	Dep. Case 24 x 0,2 ltr € 3,00	10,000		Each	0,000	Each Total	143,000
	89900014	Dep. Case 24 x 0,33 € 3,0			Each	0,000	Each Total	55,000
	89900015	Dep. Case 6 x 1,5 ltr € 3,00			Each	0,000	Each Total	35,000

24 Deposit Bottles will not automatically result in one Deposit Case!

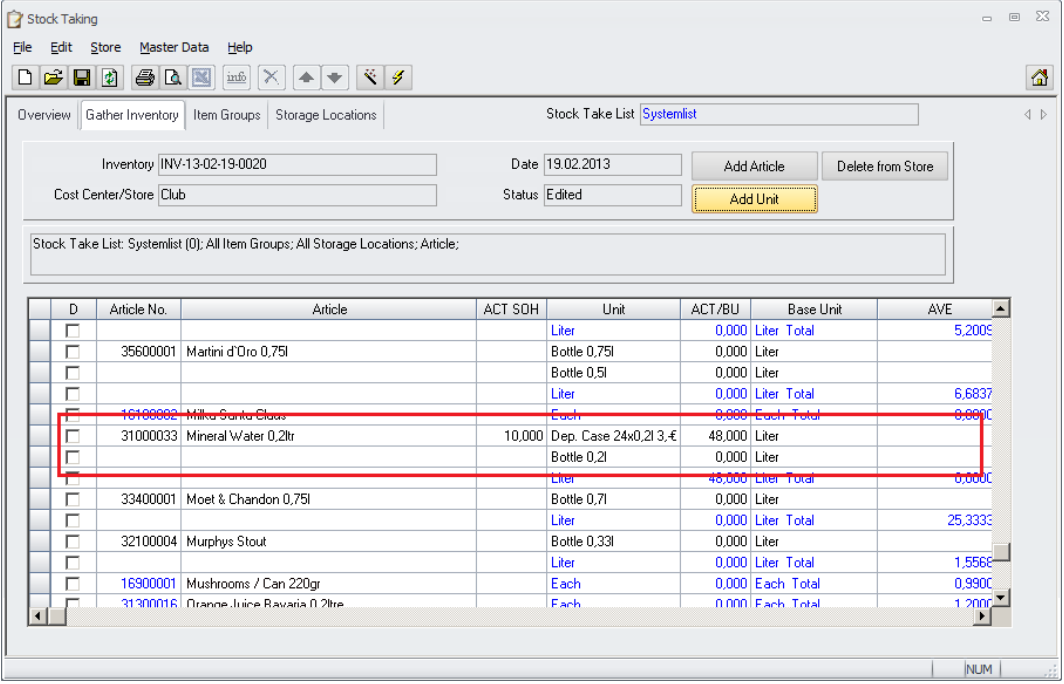
If the user enters the quantity in other units, only the quantities for the main article will be calculated. Deposits will not be considered!

**b) Stores NOT using assigned deposit stores:**

General behavior: Articles and deposits are calculated in the store itself.

Having this configuration it is nearly impossible to count empty deposits in this store. The user would have to recalculate the deposit SOH manually and then add the additional positions to it. Using the example above the user must know that (through the count of Mineral Water) there are already 10 cases and 240 bottles. If he wants to add one empty case he must enter 11 for the cases!

Please make sure that the quantities are entered in the deposit units if deposits should be calculated.



The screenshot shows the 'Stock Taking' application window. The 'Stock Take List' tab is active, displaying a list of items. A red box highlights the entry for 'Mineral Water 0,2ltr' (Article No. 31000033), which has an ACT SOH of 10,000. The unit is 'Dep. Case 24x0,2l 3,-€' and the ACT/BU is 48,000. The Base Unit is 'Liter'. The AVE column shows 0,000C.

D	Article No.	Article	ACT SOH	Unit	ACT/BU	Base Unit	AVE
	35600001	Martini d'Oro 0,75l		Liter	0,000	Liter Total	5,200C
		Bottle 0,75l			0,000	Liter	
		Bottle 0,5l			0,000	Liter	
		Liter			0,000	Liter Total	6,6837
	16100002	Milko Sunko Glass		Each	0,000	Each Total	0,000C
	31000033	Mineral Water 0,2ltr	10,000	Dep. Case 24x0,2l 3,-€	48,000	Liter	
		Bottle 0,2l			0,000	Liter	
		Liter			48,000	Liter Total	0,000C
	33400001	Moet & Chandon 0,75l		Bottle 0,7l	0,000	Liter	
		Liter			0,000	Liter Total	25,3333
	32100004	Murphys Stout		Bottle 0,33l	0,000	Liter	
		Liter			0,000	Liter Total	1,5568
	16900001	Mushrooms / Can 220gr		Each	0,000	Each Total	0,990C
	31300016	Oranje Juice Bavaria 0,2ltr		Each	0,000	Each Total	1,200C

The system will offer the used units, the default stock unit and the base unit. In this example only the unit "Dep. Case ...." was used for receiving and transfer. The unit "Bottle 0,2l" was defined as default stock unit and the base unit is "Liter".

If the deposit management should be used as described, it is recommended to define e.g. the smallest deposit unit as default stock unit.

D	Article No.	Article	ACT SOH	Unit	ACT/BU	Base Unit	AVE
<input type="checkbox"/>				Bottle 0,5l	0,000	Liter	
<input type="checkbox"/>				Liter	0,000	Liter Total	6,6837
<input type="checkbox"/>	16100002	Milka Santa Claus		Each	0,000	Each Total	0,0000
<input type="checkbox"/>	31000033	Mineral Water 0,2ltr	10,000	Dep. Case 24x0,2l 3,-€	48,000	Liter	
<input type="checkbox"/>				Dep. Bottle 0,2l 0,15 €	0,000	Liter	
<input type="checkbox"/>				Bottle 0,2l	0,000	Liter	
<input type="checkbox"/>				Liter	48,000	Liter Total	0,0000
<input type="checkbox"/>	33400001	Moet & Chandon 0,75l		Bottle 0,7l	0,000	Liter	
<input type="checkbox"/>				Liter	0,000	Liter Total	25,3333
<input type="checkbox"/>	32100004	Murphys Stout		Bottle 0,33l	0,000	Liter	
<input type="checkbox"/>				Liter	0,000	Liter Total	1,5566
<input type="checkbox"/>	16900001	Mushrooms / Can 220gr		Each	0,000	Each Total	0,9900
<input type="checkbox"/>	31300016	Orange Juice Bavaria 0,2ltre		Each	0,000	Each Total	1,2000
<input type="checkbox"/>	16500002	Peanuts 500g Pack		Each	0,000	Each Total	0,0000

The user can also include / exclude the required units using the module “Manage Store”.

If the user enters the quantity in Deposit Units, the system calculates the quantity for the main article as usual plus the quantities for the deposits including contained deposits.

Rules for Deposit Units:

- When counting a case (which contains bottles), the system will calculate the case and the bottles!
- The user can count cases including bottles and bottles separately.
- There is no automated rounding necessary.
- Empty cases must be adjusted manually in the store.

The calculation will be the same as for the stores using an assigned deposit store. The only difference is: Deposits will not be calculated in any other store, but in the same store itself.



For these stores some more scenarios must be considered / explained:

### Scenario 1:

The following section describes the handling when using the module “Manage Inventory” to enter the quantities.

The user has entered the quantity of 10 for “Dep.Cases 24x0,2l”:

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH
	31000011	Gerolsteiner Stille Quelle 1.0l			Dep. Case 12x1.0l 3-€	0,000	Liter	
	31000011				Bottle 1.0l	0,000	Liter	
	31000011				Liter	0,000	Liter Total	24,000
	31000033	Mineral Water 0.2ltr	10,000	10,000	Dep. Case 24x0.2l 3-€	48,000	Liter	
	31000033				Dep. Bottle 0.2l 0.15 €	0,000	Liter	
	31000033				Bottle 0.2l	0,000	Liter	
	31000033				Liter	48,000	Liter Total	48,000
	31000014	Sortie 1.0l			Bottle 1.0l	0,000	Liter	

This will return as:

48 liters (in BU) of Evian in this store

240 Deposit Bottles in this store (calculated!)

10 Deposit Cases in this store (calculated!)

Do a refresh for this inventory and select the item group detail screen in the inventory module.

Item Group	ACT	POT	Deviation(AVE)	Edited
Coffee	0,00	0,00	0,00	100,00%
Cognac / Brandy	30.200,40	30.200,40	0,00	100,00%
Deposits	26,16	26,16	0,00	100,00%
Deposits	0,00	0,00	0,00	100,00%
Fat	0,00	0,00	0,00	100,00%
Fish	131,01	131,01	0,00	100,00%
Fruits fresh	0,90	0,90	0,00	100,00%
Juices	217,01	217,01	0,00	100,00%
Lemonades / Water	6.720,07	6.720,07	0,00	100,00%
Liquors	2.036,57	2.036,57	0,00	100,00%
Magazines	405,00	405,00	0,00	100,00%
	65.016,57	65.016,57	0,00	100,00%

The system will now display the value of the counted stock article and the value of the calculated deposits.

Now double click the groups:

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH
	31000033	Mineral Water 0,2ltr	10,000	10,000	Liter	0,000	Liter Total	24,000
	31000033				Dep. Case 24x0,2l 3,4€	48,000	Liter	
	31000033				Dep. Bottle 0,2l 0,15 €	0,000	Liter	
	31000033				Bottle 0,2l	0,000	Liter	
	31000033				Liter	48,000	Liter Total	48,000
	31000014	Sprite 1 ltr			Bottle 1 ltr	0,000	Liter	

For the main article the system will show you the entered quantity.

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH	AV
	89900001	Dep. Bottle 0,2 ltr € 0,15			Each	0,000	Each Total	240,000	
	89900013	Dep. Case 24 x 0,2 ltr € 3,00			Each	0,000	Each Total	10,000	

Here the system will not display any detail figures as there is no manual count for the deposit articles. When closing the store the system will calculate the details and take the calculated figures as closing stock.

## Scenario 2:

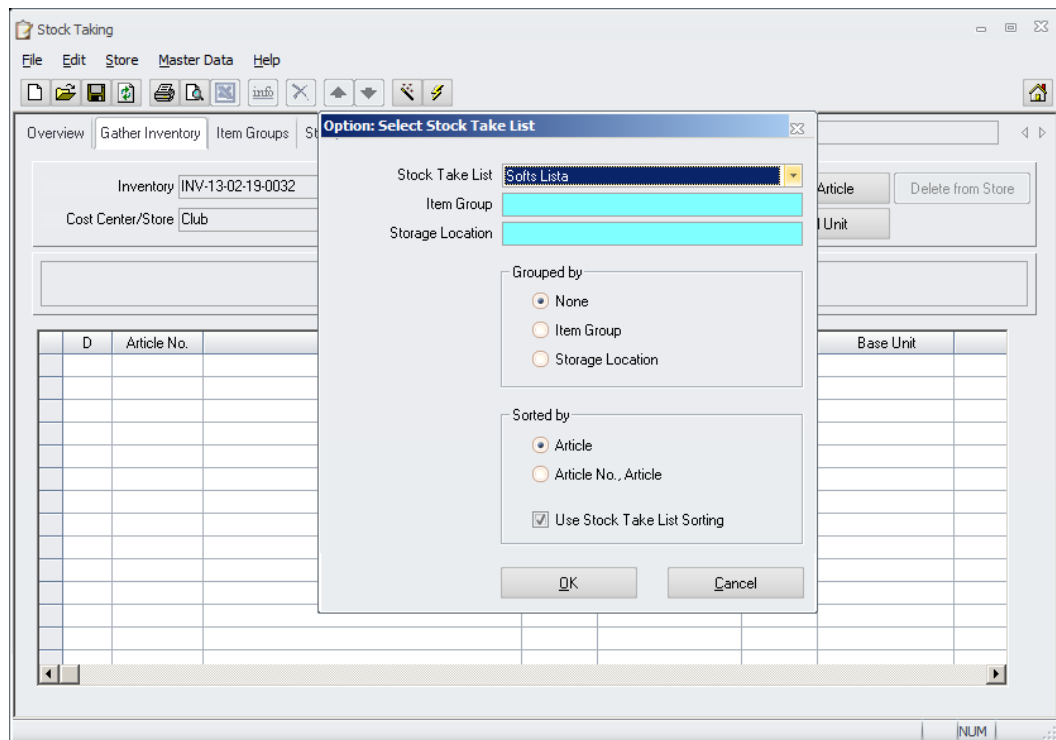
The following section describes the handling when using the module “Stock Taking” to enter the quantities.

Go to Store > Manage Store > select the store in the dialog > switch to the tab “Stock Taking Lists”:

Use/define the stock take lists as usual.

The “Systemlist” always contains all articles and should not be changed.

Go to Store > Stock Taking > select the inventory task with a double click >



The system will now ask for the stock take list to use. Select the list.

The user has entered the quantity of 10 for “Dep.Cases 24x0,2l”:

The screenshot shows the 'Stock Taking' application window. The 'Systemlist' tab is active, displaying a table of inventory items. A red box highlights the following rows:

D	Article No.	Article	ACT SOH	Unit	ACT/BU	Base Unit	AVE
<input type="checkbox"/>	16100002	Mika Sanka Claus		Each	0,000	Each Total	0,00000
<input type="checkbox"/>	31000033	Mineral Water 0,2ltr	10,000	Dep. Case 24x0,2l 3,-€	48,000	Liter	
<input type="checkbox"/>				Dep. Bottle 0,2l 0,15 €	0,000	Liter	
<input type="checkbox"/>				Bottle 0,2l	0,000	Liter	
<input type="checkbox"/>				Liter	48,000	Liter Total	0,99174
<input type="checkbox"/>	33400001	Moet & Chandon 0,75l		Bottle 0,7l	0,000	Liter	
<input type="checkbox"/>				Liter	0,000	Liter Total	25,33333
<input type="checkbox"/>	32100004	Murphys Stout		Bottle 0,33l	0,000	Liter	
<input type="checkbox"/>				Liter	0,000	Liter Total	1,55682
<input type="checkbox"/>	16900001	Mushrooms / Can 220gr		Each	0,000	Each Total	0,99000
<input type="checkbox"/>	31300016	Orange Juice Bavaria 0,2ltr		Each	0,000	Each Total	1,20000
<input type="checkbox"/>	16500002	Peanuts 50g Pack		Each	0,000	Each Total	0,00000
<input type="checkbox"/>	35000002	Remy Martin Louis XIII		Bottle 0,7l	0,000	Liter	
<input type="checkbox"/>				Liter	0,000	Liter Total	806,86207
<input type="checkbox"/>	10300001	Schumi V.G.		Kilogram	0,000	Kilogram Total	0,00000

This will return as:  
 48 liters (in BU) of Evian in this store  
 240 Deposit Bottles in this store (calculated!)  
 10 Deposit Cases in this store (calculated!)

Do a refresh for this inventory in the module “Manage Inventory”.

Go back to the module “Stock Taking > double click the inventory > confirm the list dialog for using the “Systemlist” with OK > switch to the tab “Item Groups”.

The system will show here the calculated value for the deposits (through the entry for the article before). But as there was no manual entry for the article on this list, the value is not calculated.

If the user selects the before used stock take lists he would see the values for the counted articles.  
 When closing the store the system will calculate the details and take the calculated figures as closing stock.

In the view of the module “Manage Inventory” the system displays the value of the counted stock article and the value of the calculated deposits.

If the user enters the quantity in other units, only the quantities for the main article will be calculated. Deposits will not be considered!

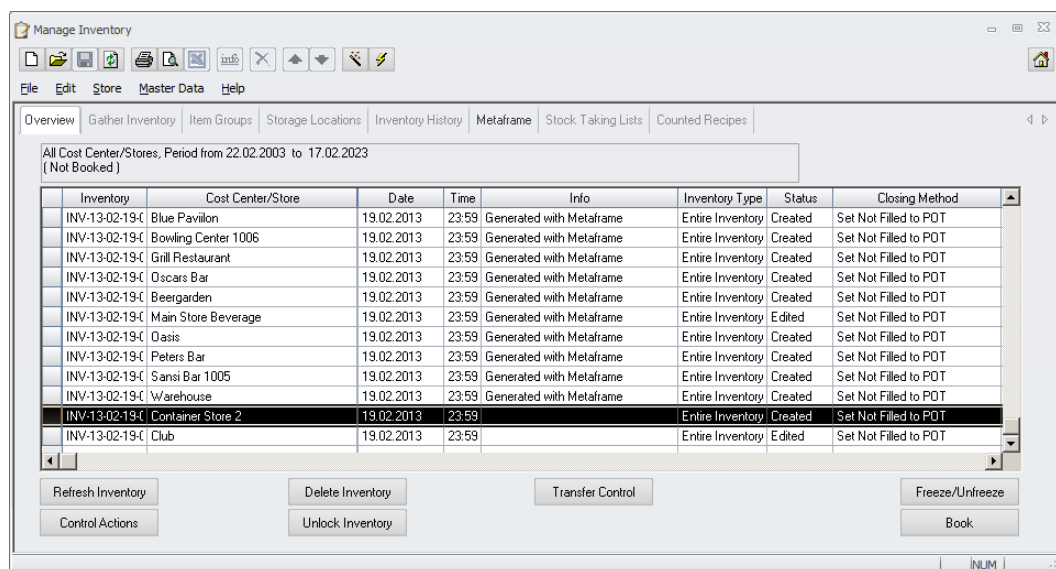
### c) Deposit Stores:

After counting all assigned stores the deposit store(s) can be evaluated.

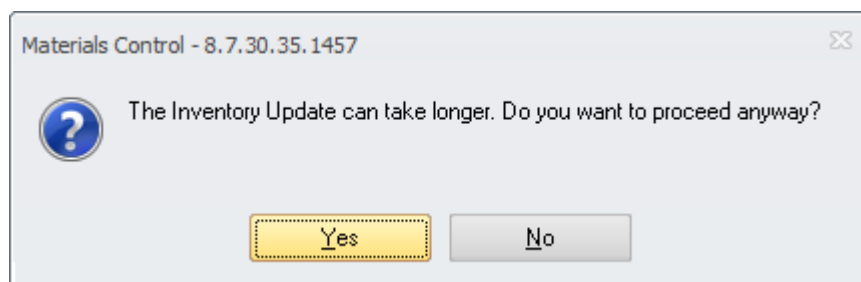
This will be done in the module “Manage Inventory”.

It is recommended to freeze all stores using the deposit store in order to ensure that the calculated figures are not changed anymore.

Mark the deposit store and click on “Refresh”:



The system will now refresh/count all calculated figures from the stores using this deposit store.



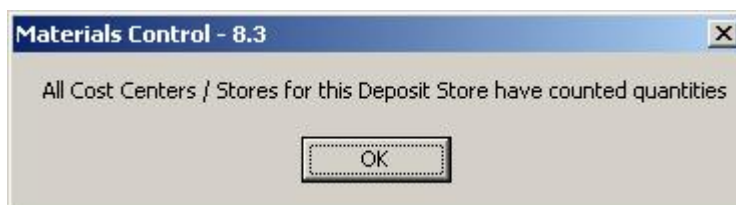
Confirm with “Yes” to proceed.

If the system finds at least one article in the stores using this deposit store which has no entry for the quantity for any unit it will return the following message:



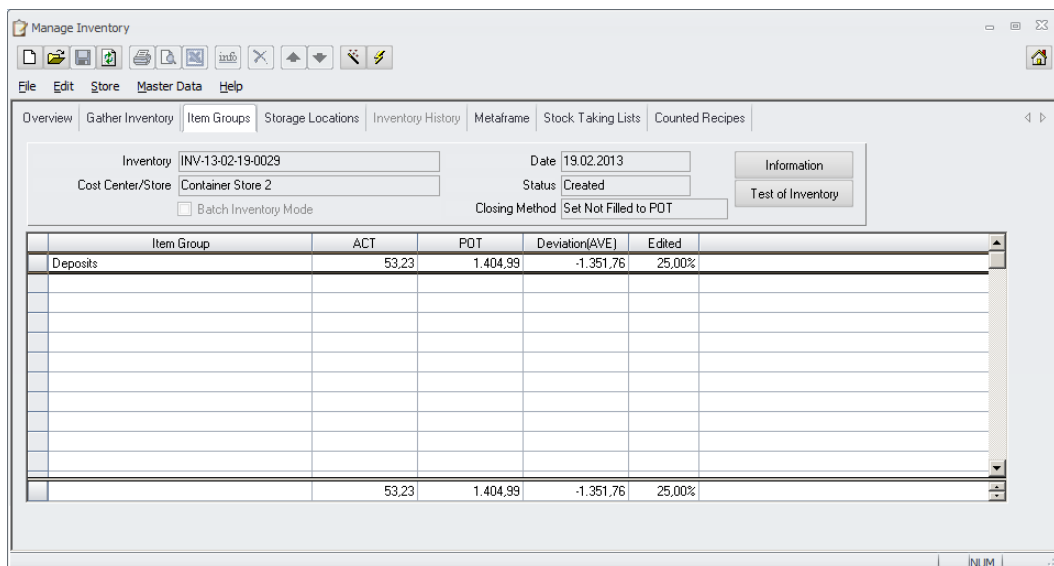
Confirm with "OK" to proceed.

If all articles have at least one quantity filled with a value (0,00 or higher) the following message will come up.



Confirm with "OK" to proceed.

Double click the deposit inventory to check the item group overview:



Double click the item group to see the deposit article details:

Manage Inventory

File Edit Store Master Data Help

Overview Gather Inventory Item Groups Storage Locations Inventory History Metaframe Stock Taking Lists Counted Recipes

Inventory INV-13-02-19-0029 Date 19.02.2013  
 Cost Center/Store Container Store 2 Status Created  
☐ Batch Inventory Mode Closing Method Set Not Filled to POT

Storage Location  ☐ Not assigned Add Article  
 Item Group Deposits Add Unit Delete from Store  
 Sorted by Article Name Count Recipes

D	Article No.	Article	SOH Total	ACT SOH	Unit	ACT/BU	Base Unit	POT SOH	AV
<input type="checkbox"/>	89900001	Dep. Bottle 0,2 ltr € 0,15	264,000		Each	0,000	Each Total	3192,000	
<input type="checkbox"/>	89900003	Dep. Bottle 0,33 ltr € 0,15			Each	0,000	Each Total	1.848,000	
<input type="checkbox"/>	89900006	Dep. Bottle 1,0l €0,30			Each	0,000	Each Total	264,000	
<input type="checkbox"/>	89900007	Dep. Bottle 1,5ltr € 0,3			Each	0,000	Each Total	138,000	
<input type="checkbox"/>	89900009	Dep. Case 12 x 1,0 ltr € 3,00			Each	0,000	Each Total	22,000	
<input type="checkbox"/>	89900013	Dep. Case 24 x 0,2 ltr € 3,00	10,000		Each	0,000	Each Total	133,000	
<input type="checkbox"/>	89900014	Dep. Case 24 x 0,33 € 3,0			Each	0,000	Each Total	55,000	
<input type="checkbox"/>	89900015	Dep. Case 6 x 1,5 ltr € 3,00			Each	0,000	Each Total	35,000	

NUM

The column "SOH TOTAL" shows the calculated figures from all other stores using this deposit store.

The column ACT SOH can now be used to enter the counted figures of the deposit store itself.

After the next screen refresh the system will now the accumulated figures in the column "SOH Total"

## Inventory Closing:

### Cost Center / Stores using Deposit Stores:

The inventories for these stores can be closed as usual.

- through scheduler
- through Metaframe
- manual

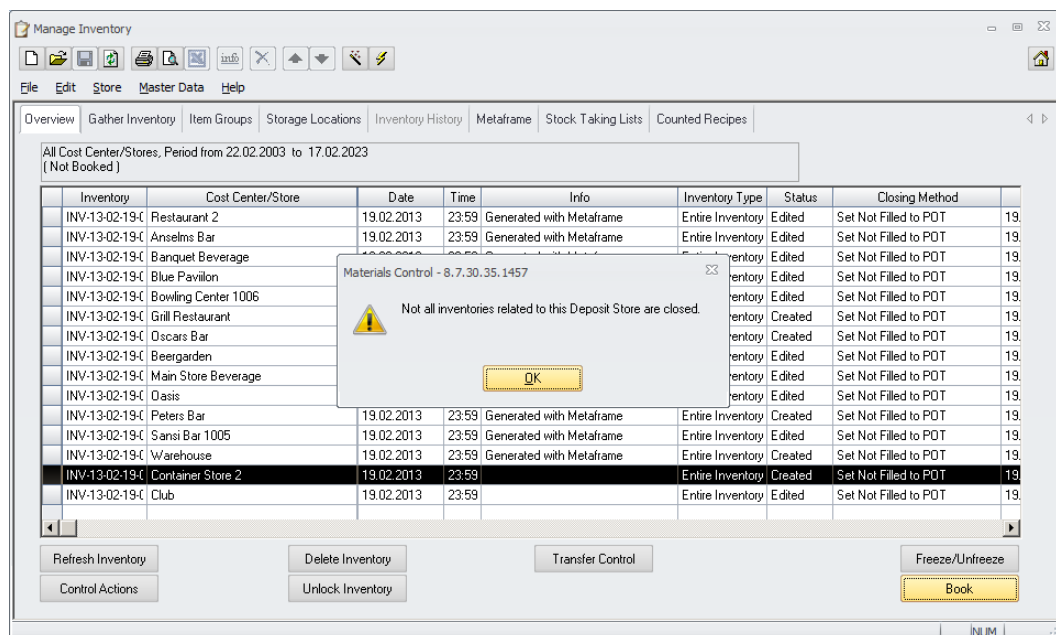
Please make sure that the deposit inventories are created before closing the inventories for the related stores!

### Cost Center / Stores not using Deposit Stores:

The inventories for these stores can be handled independently. They can be closed through the same scheduler job as the other stores or through Metaframe or manually. There is no need to check for other stores or the deposit store inventories.

### Deposit Stores:

When closing the deposit inventory all inventories of stores using this deposit store must be closed before. Otherwise the system will not allow closing this deposit inventory.



If all related stores have closed inventories already the system will show a message for this and asks for confirmation to proceed as usual and will book the inventory.



