MICROS Materials Control

Virtual Transit Stores (VTS)

Product Version **8.7.20.36.1421**

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Author:	Joerg Trommeschlaeger
Department:	Materials Control
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Introduction:

The Virtual Transit Store (VTS) functionality was implemented to cover the requirements when sending goods into “Transit”, meaning the goods leave the source store, but have not yet arrived in the target store.

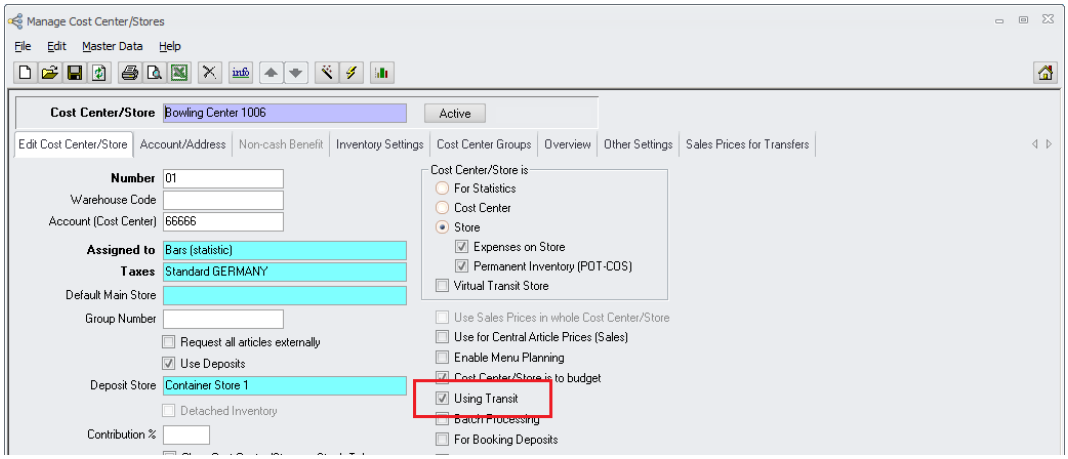
A similar feature was already available in Materials Control in versions before 8.6.6.30, but there the goods were not booked out of the source store. Just the document was declared with the status “delivered” showing that the goods have physically left the source store, but were not yet booked into the target store.

The VTS handling now allows to move the goods out of the source store (automatically) without booking into the target store.

This allows to evaluate the real SOH in the source store (e.g. Warehouse) when processing further documents.

Configuration:

To use this feature the target store for Transfers and Issue Requests must be defined as “Using Transit”:



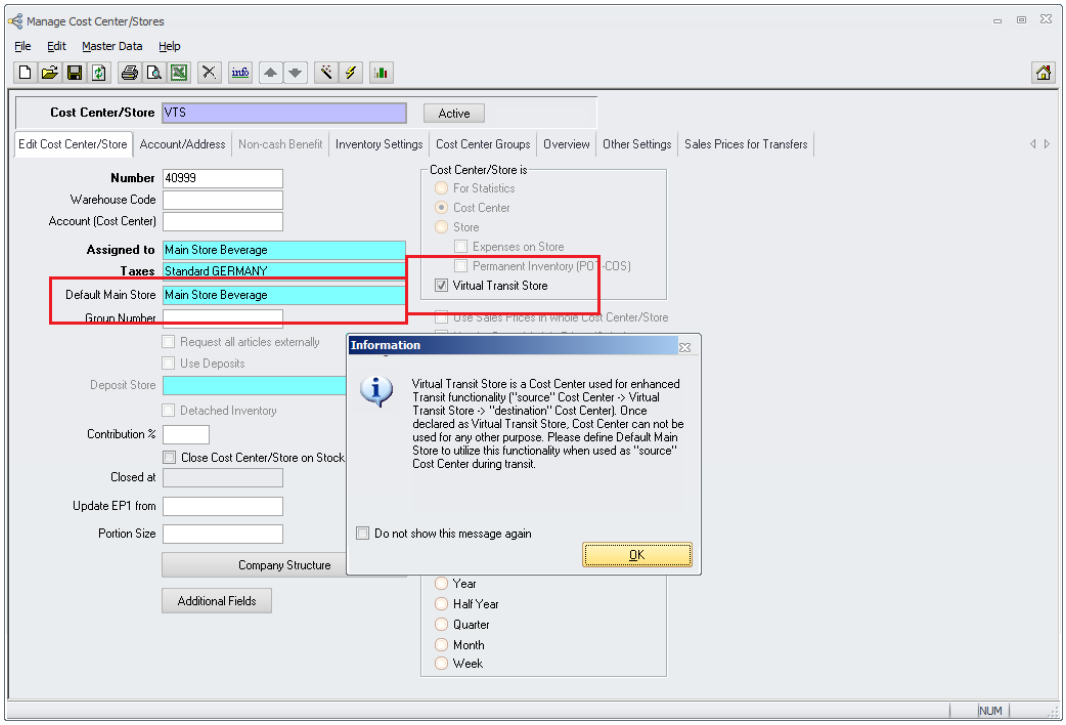
If now a Transfer is booked into this store, the transaction is not completed until it was accepted in the target store.

If VTS is not activated: The SOH remains in the source store.
If VTS is activated: The SOH will be booked automatically into the VTS

With version 8.6.6.30 the application offers the possibility to reduce the SOH in the source store without updating the SOH in the target store. The goods will be kept in a virtual location linked to the source store named internally VTS.

First the Virtual Transit Store (VTS) must be created and assigned to the source store.

In the Cost Center setup screen the new option “Virtual Transit Store” was added.



Once this is activated…

- … the information message dialog will be shown.
- … all options like e.g. “For Booking Deposits”, “Using Transit”, etc. are disabled.
- … a Default Main Store must be assigned. This should be e.g. the warehouse from which the goods are transferred to the requesting locations.

  Each cost center can have only one VTS assigned. If a user tries to link a VTS to a cost center which has already such an assignment, the following message is shown:

- **NOTE:** it is recommended to connect the VTS to its Default Main Store also in the section “Assigned to”!

Leave Transfer Open

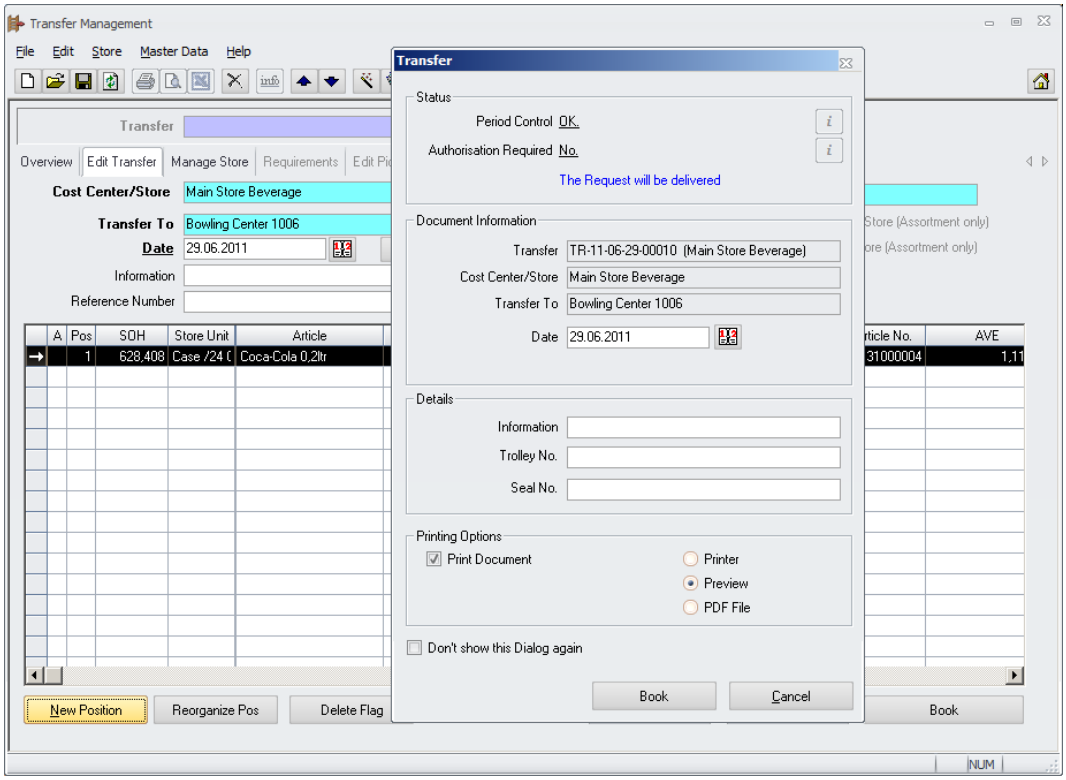
The functionality “Leave Transfer Open” will be disabled will be disabled when using a source store defined to use a VTS.

Example:

- The user right “Leave Transfer Open” for the store keeper is set.
- Create as any user an Issue Request for the “Restaurant” for goods to be delivered from the “Main Store Beverage”
- The “Main Store Beverage” is defined to use a Virtual Transit Store
- The store keeper picks up the document and changes the quantities from e.g. 5 to 2.
- At booking the system will **not** offer to leave the transfer open.

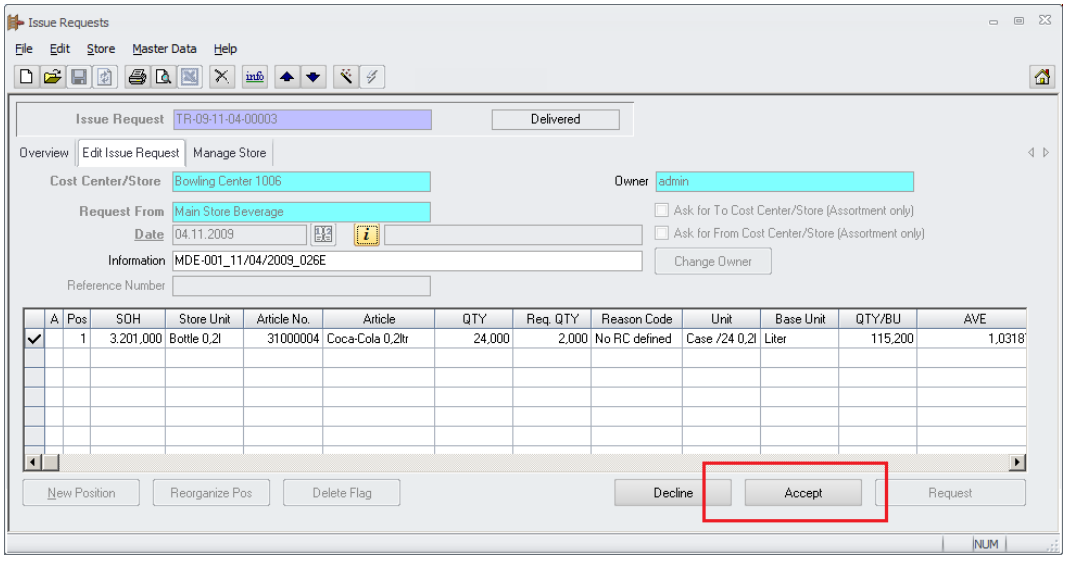
Document Processing:

Now when booking a Transfer or an Issue Request from this Default Main Store to a cost center defined as “Using Transit” the following happens:



- Document will get the status “Delivered”
- SOH in source store (here “Main Store Beverage”) is reduced
- SOH in target store (here “Bowling Center 1006”) is not updated!
- The VTS will be updated with positions from document

As next step in the target store the user will accept or decline the document:



When accepting the transaction the SOH is moved into the target store.

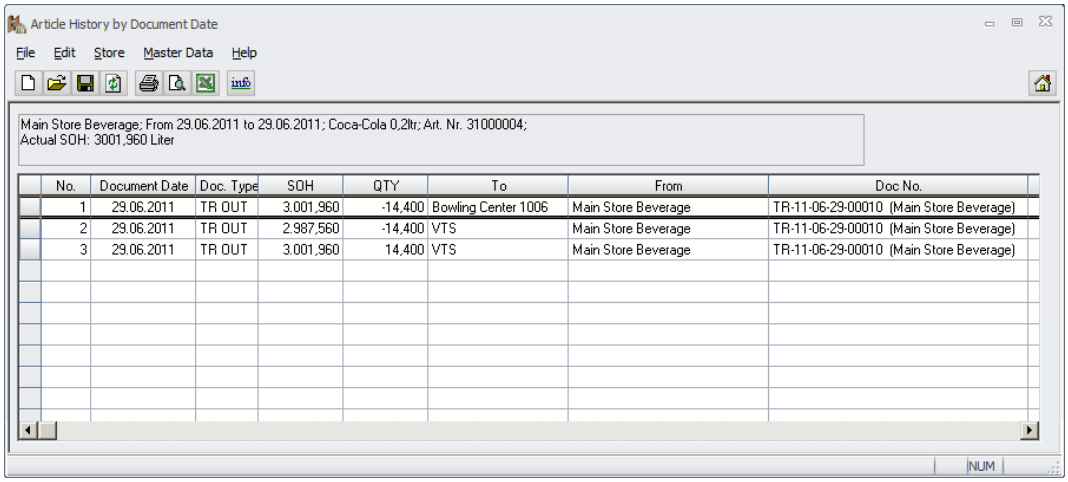
If the document is declined…

- Document will be booked from VTS back to the source store
- Document will get the status “Delivered”

If the document is accepted…

- Document will be booked from VTS back to the source store and then to target store
- Document will get the status “booked”

The transactions are clearly visible in the Article History:



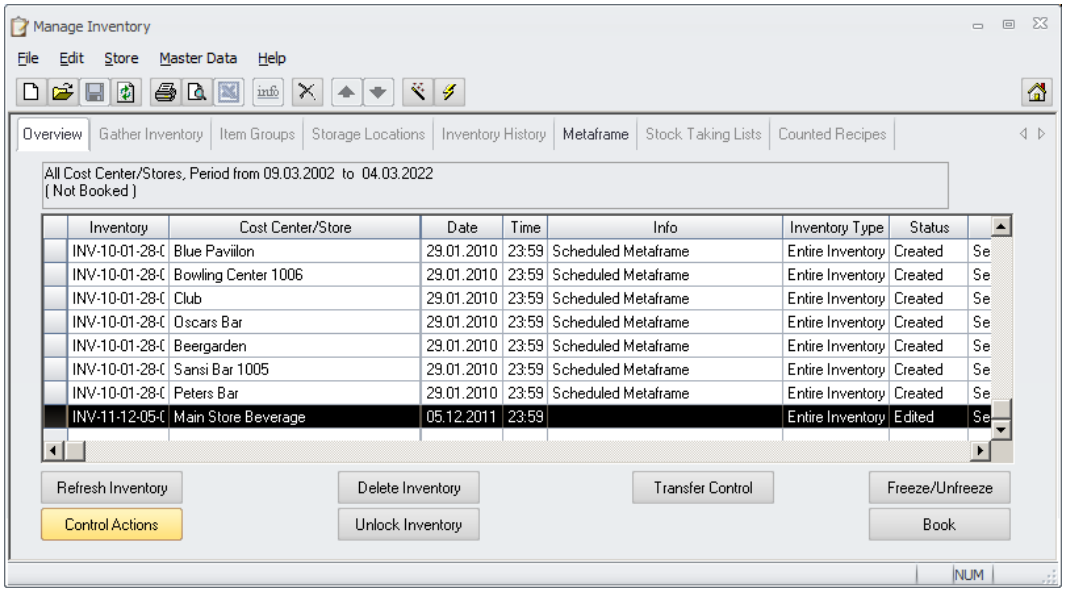
- The first record shows the main transaction from the “Main Store Beverage” to the “Bowling Center 1006”
- Records 2 & 3 are showing the VTS transactions

Inventories & VTS:

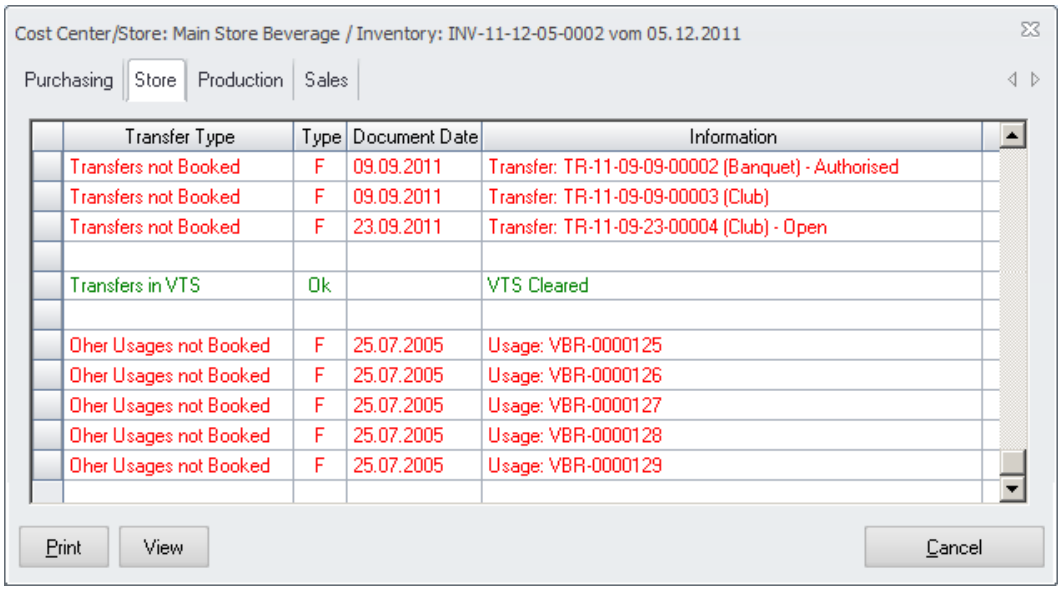
VTS in Control Actions

Since MC version 8.7.10.xx the Virtual Transit Store (VTS) handling is also supported in the Inventory Control Actions.

The remaining documents, which should be cleared before closing, are shown in the Inventory Control Actions as well.



In this dialog now switch to the tab “Store” and scroll down to the bottom of the list:



The application now checks if there is a VTS linked to the selected store and if there are any documents remaining in the VTS of this store.

If no documents can be found the following will be shown in green:
Transfer Type: Transfers in VTS
Type: OK
Document Date: Blank
Information: VTS cleared

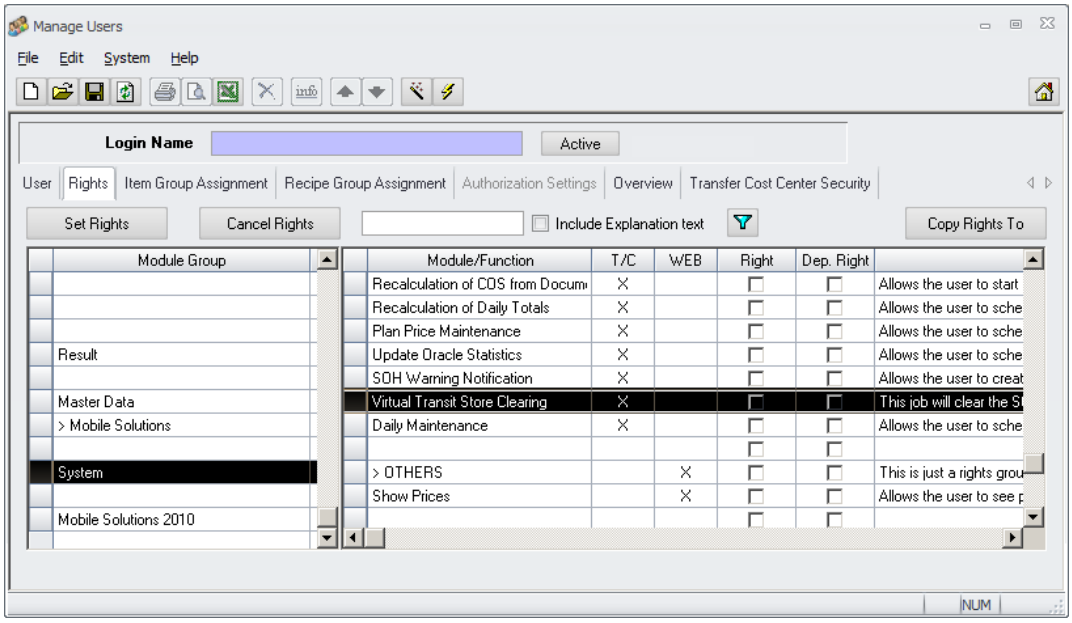
If documents can be found the system will show per document in red:
Transfer Type: Transfers in VTS
Type: F
Document Date: Transfer Date
Information: Transfer Document Name

Automated VTS Clearing:

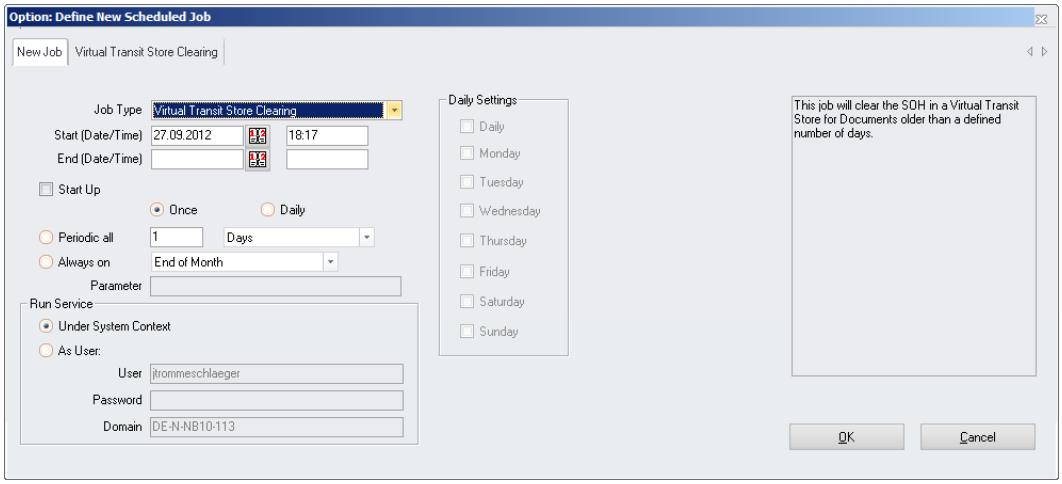
Until version 8.7.10.xx it was required to do the clearing manually before doing inventory closing.

Since version 8.7.20.xx this can be automated by using the scheduler job “Virtual Transit Store Clearing”

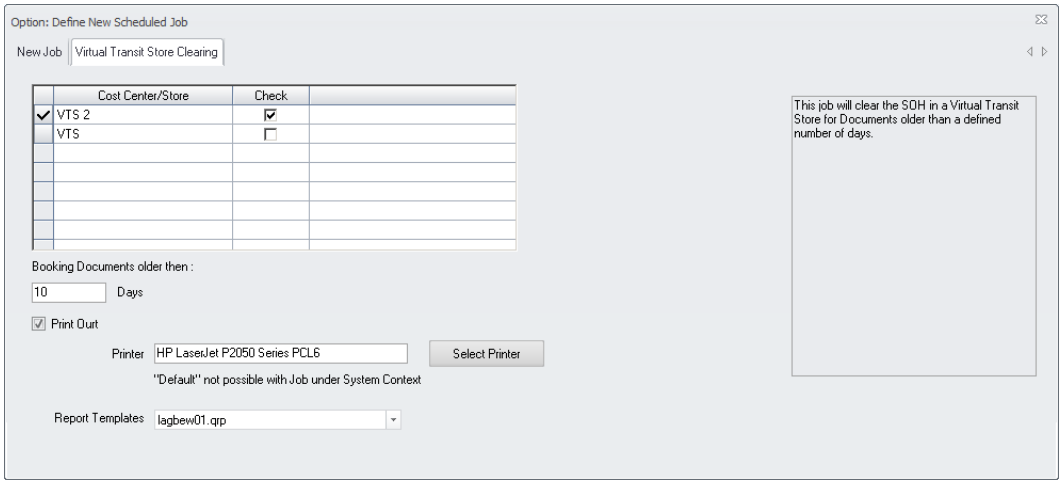
This job is secured by a user right:



- Go to System > Scheduler and create a new job.
- Select the job type “Virtual Transit Store Clearing”



- Switch to the detail tab to configure the job:



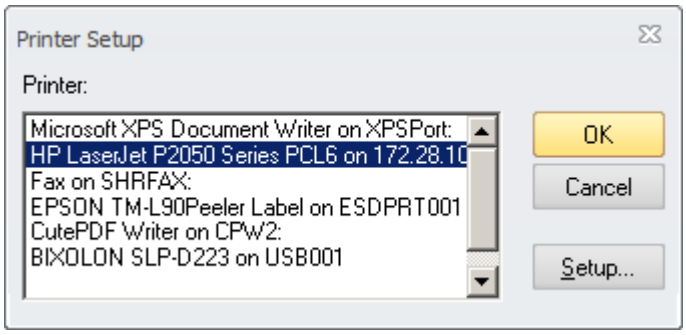
- In the table the VTS can be selected. All cost centers defined as VTS are listed here.
  Mark the check box to include the VTS into this job.

- Book Documents older than _____ Days:
  Just defined the number of days to filter the documents to be booked.
  Calculation: SysDate – (Book Documents older than _____ Days)
  Assume:
  - Marked Cost Center: VTS2
  - SysDate: 27.09.2012
  - Defined value: 2

  The system now will check for all documents currently in VTS2 having a transaction date <=24.09.2012.
  - All matching transfers will be booked via automated “Accept”.

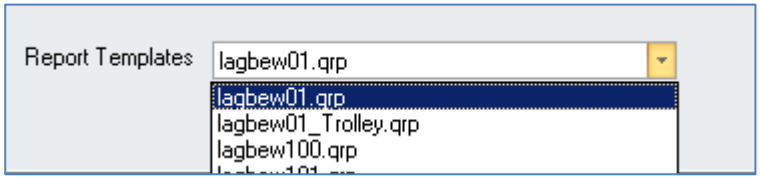
- Check Box Print Out:

  Once activated the required options can be selected:
  - Printer for transaction documents
    Please keep in mind that the system will show the printers configured for the current user on the current PC only.



Make sure that the printer is also available in the system context when executing the job!

- Report Template
  These are the standard report templates available for this job.



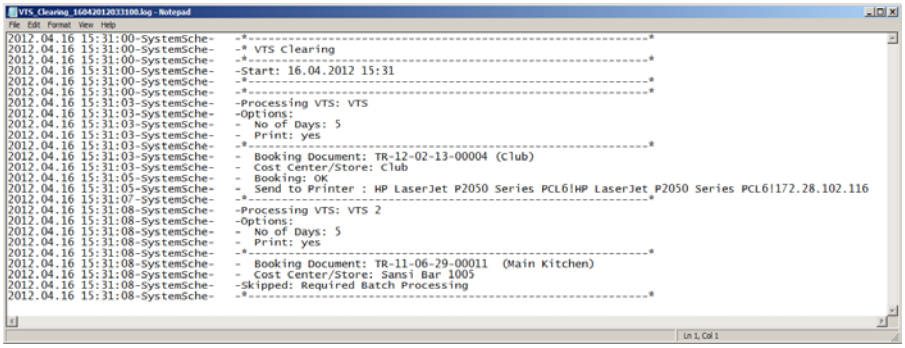
The print process is separated from the booking process.
The print process could fail (e.g. printer out of paper) without any impact on the booking process.

Unfortunately we cannot check if the print out was successfully since we cannot expect to get such a message from all used printers.

The generation of the issue requests will also not be stopped if the printer cannot be accessed!

➢ Log File

The application will generate a log file in the standard log folder:



Here all events are documented:

Header Section & Start Date and Time

2012.04.16 15:31:00-SystemSche- -*----------
2012.04.16 15:31:00-SystemSche- -* VTS Clearing
2012.04.16 15:31:00-SystemSche- -*----------*
2012.04.16 15:31:00-SystemSche- -Start: 16.04.2012 15:31
2012.04.16 15:31:00-SystemSche- -*----------*

First VTS:
- Definitions & Details
2012.04.16 15:31:00-SystemSche- -*----------*
2012.04.16 15:31:03-SystemSche- -Processing VTS: VTS
2012.04.16 15:31:03-SystemSche- -Options:
2012.04.16 15:31:03-SystemSche- - No of Days: 5
2012.04.16 15:31:03-SystemSche- - Print: yes
2012.04.16 15:31:03-SystemSche- -*----------*

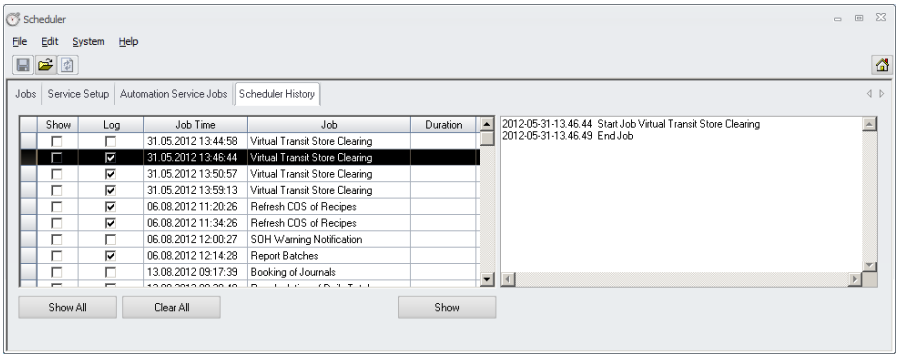
- Document Processing
2012.04.16 15:31:03-SystemSche- - Booking Document: TR-12-02-13-00004 (Club)
2012.04.16 15:31:03-SystemSche- - Cost Center/Store: Club
2012.04.16 15:31:05-SystemSche- - Booking: OK
2012.04.16 15:31:05-SystemSche- - Send to Printer : HP LaserJet P2050 Series PCL6! LaserJet P2050 Series PCL6!172.28.102.116
-> Transfer created and sent to printer.

Second VTS:
- Definions & Details
2012.04.16 15:31:07-SystemSche- -*----------*
2012.04.16 15:31:08-SystemSche- -Processing VTS: VTS 2
2012.04.16 15:31:08-SystemSche- -Options:
2012.04.16 15:31:08-SystemSche- - No of Days: 5
2012.04.16 15:31:08-SystemSche- - Print: yes
2012.04.16 15:31:08-SystemSche- -*----------

- Document Processing
2012.04.16 15:31:08-SystemSche- - Booking Document: TR-11-06-29-00011 (Main Kitchen)
2012.04.16 15:31:08-SystemSche- - Cost Center/Store: Sansi Bar 1005
2012.04.16 15:31:08-SystemSche- -Skipped: Required Batch Processing
2012.04.16 15:31:08-SystemSche- -*----------*
-> Processing failed since batch processing is included. Such documents must be managed manually since the scheduler cannot decide which batch to use.

- Scheduler History:

The automated clearing also is visible in the Scheduler History:



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