

mei-pay STS

User Guide

For MEI reader generation 6

Version 3.2.1-740



mei-pay STS

Checking database files ...

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Author: D. Garz, 02/02/2010
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| 22.09.2014 | 2.11.0-640 | Version update Page 13 applications typ „Deposit“, updating screenshot |
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Table of Contents

| | | |
|----------|--|----|
| 1. | Introduction..... | 6 |
| 2. | Download and Installation..... | 7 |
| 2.1. | Download from NFCgate | 7 |
| 2.2. | Install Licence | 9 |
| 3. | Mei-pay STS Main Menu “Options”..... | 10 |
| 3.1. | Language | 10 |
| 3.2. | General Settings | 10 |
| 4. | MDSmanger Menu “View”..... | 11 |
| 5. | Mei-pay STS Main Menu “Tools” | 11 |
| 5.1. | Log File | 11 |
| 5.2. | Test-Firmware | 11 |
| 6. | Mei-pay STS Main Menu “?”..... | 13 |
| 6.1. | Check for Updates | 13 |
| 6.2. | Registration / Licences | 13 |
| 6.3. | About | 13 |
| 7. | Overview of Main Functions..... | 14 |
| 7.1. | Connected Devices | 14 |
| 7.2. | Configuration | 15 |
| 7.3. | Management | 15 |
| 7.4. | Download Media Builder | 16 |
| 7.4.1. | File Download Medium for Reader Configuration (system function 9/2)..... | 16 |
| 7.4.2. | Set AutoConfig WAIT Medium (system function 9/3) | 20 |
| 7.4.2.1. | AutoConfig Level with Own AutoConfig Code | 21 |
| 7.4.2.2. | AutoConfig Level with AutoConfig Code of Sub Client | 22 |
| 8. | Main Function: Connected Devices | 24 |
| 8.1. | Import Firmware | 24 |
| 8.2. | Select Connected Reader | 26 |
| 8.3. | No Reader Access | 27 |
| 8.4. | Reader Application (Firmware / Configuration) | 28 |
| 8.4.1. | Update Bootloader..... | 29 |
| 8.4.2. | Update Application | 29 |
| 8.4.3. | Update Application with Fixed Default Version | 29 |
| 8.4.4. | Update Reader Configuration | 30 |
| 8.4.5. | Changes in Linked Configuration..... | 32 |
| 8.4.6. | Configuration Is Not Linked to Mei-pay STS Database | 32 |
| 8.4.7. | Application in Reader Is Unknown | 33 |
| 8.5. | Auto Configuration | 34 |
| 8.5.1. | Reader in AutoConfig State DONE..... | 34 |
| 8.5.2. | Reader in AutoConfig State WAIT | 35 |
| 8.5.3. | Reset Reader from AutoConfig State DONE → WAIT | 36 |
| 8.5.3.1. | AutoConfig Level with own AutoConfig Code..... | 36 |
| 8.5.3.2. | AutoConfig Level with inferior AutoConfig Code..... | 38 |
| 8.6. | Reader Identification | 40 |
| 8.7. | Reader Maintenance | 41 |
| 8.7.1. | Set Date / Time | 41 |
| 8.7.2. | Create Support Package | 41 |
| 8.8. | Direct Reader Access | 43 |

| | | |
|---------|---|----|
| 9. | Main Function: Configuration | 44 |
| 9.1. | Creating a New Configuration | 44 |
| 9.2. | Import a Configuration from File | 47 |
| 9.2.1. | Select fitting location..... | 48 |
| 9.2.2. | Choose another existing location..... | 49 |
| 9.2.3. | Create new location..... | 50 |
| 9.3. | Open a Configuration from File | 52 |
| 9.4. | Open a Configuration to Edit | 53 |
| 9.5. | Rename a Configuration | 53 |
| 9.6. | Making a Copy of an Existing Configuration | 54 |
| 9.7. | Load a Configuration to a Device | 55 |
| 9.8. | Export a Configuration to a File | 57 |
| 9.9. | Create Download Medium | 58 |
| 9.9.1. | Create Download Medium direct..... | 58 |
| 9.9.2. | Save download data to file..... | 59 |
| 9.10. | Delete a Configuration | 60 |
| 9.11. | Migrate a Configuration Version | 60 |
| 9.12. | Search Configurations by Filter | 61 |
| 9.13. | Sorting Configurations | 61 |
| 9.14. | Configuration Symbols | 61 |
| 9.15. | Filter by selected settings | 62 |
| 9.16. | Symbol Description | 63 |
| 10. | Main Function: Management | 65 |
| 10.1. | Managing Customers | 65 |
| 10.2. | Managing Locations | 66 |
| 10.2.1. | General Location Data..... | 67 |
| 10.2.2. | Attachment | 67 |
| 10.2.3. | Reader Texts..... | 67 |
| 10.2.4. | Managing List of Blocked / Allowed Users | 68 |
| 10.2.5. | Create Download Medium with List of Blocked / Allowed Users..... | 69 |
| 10.2.6. | Location Products..... | 72 |
| 10.2.7. | Happy Meals | 73 |
| 10.3. | Managing Products | 75 |
| 10.3.1. | Basic Products Database | 75 |
| 10.3.2. | Product Categories..... | 76 |
| 10.4. | Managing Currencies | 77 |
| 10.5. | Create MDD6 Profile | 79 |
| 10.5.1. | Add Reader Configurations to MDD6 Profile..... | 80 |
| 10.5.2. | Modify Reader Download Mode of MDD6 Profile..... | 81 |
| 10.5.3. | The terms of destination can be selected/combined individually: | 83 |
| 10.5.4. | Synchronise MDD6 Profile with connected MDD6 handheld..... | 84 |
| 10.6. | Export Data / Import Data | 86 |
| 10.6.1. | Exporting Data..... | 86 |
| 11. | Using MDD6 Handheld in the Field..... | 89 |
| 11.1. | Prerequisites to Use MDD6 with G6 Readers | 89 |
| 11.2. | Read out Universal EVA-DTS Data | 91 |
| 11.3. | Read out Various G6 Reader Data | 91 |
| 11.4. | Program G6 Readers (only over cable) | 91 |
| 11.5. | Transfer Collected Data from MDD6 | 92 |

1. Introduction

This document describes

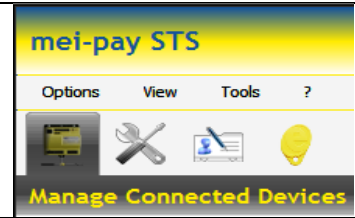
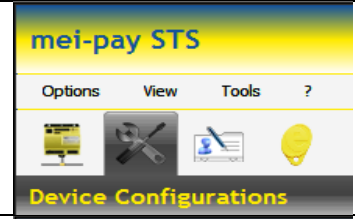


- how to install the mei-pay STS software;
- how to install a valid mei-pay STS licence;
- how to use the mei-pay STS software;
- how to use MDD6 handheld.

All technical details

- how to configure specific reader functions;
- how to configure MDD6 devices;
- how to use specific system features

are described in the separate document **G6_TechDoc**.

The mei-pay STS Windows software has been developed to program and to configure the mei-pay generation 6 readers. mei-pay STS provides **3 main functions** with a separate symbol that can be found in the main menu bar.

| | |
|---|--|
|  | <p>Connected Reader Maintenance / analysis of one or several readers which are connected to the USB port(s) of the computer.</p> |
|  | <p>Configuration Management of configurations that contain all major reader settings. No reader must be connected to the computer when this Mei-pay STS function is used.</p> |
|  | <p>Management Managing basic data: customers, locations, products, currencies which are used in configurations.</p> |
|  | <p>Download Media Builder Creating and saving system media 9/2 and 9/3 directly to connected TML6 or TML6 Full.</p> |

A valid licence must be installed to use mei-pay STS. A licence includes corresponding **Country code** and **Company code** range(s). A generation 6 reader can only be programmed and accessed within the authorised **Country code** and **Company code** range(s).

The new term **Configuration** replaces the earlier term **Resources**. A configuration contains all major reader settings with self explaining parameter names instead of parameter numbers. A configuration always depends on a specific reader hardware type because the reader settings are different for every hardware type. Mei-pay STS automatically prevents to download a configuration to incompatible reader. Incorrect reader settings are no longer possible.

2. Download and Installation

2.1. Download from NFCgate

Download Mei-pay STS Software from NFCgate:
<https://mic.nfcgate.com/>

Enter „**Login name**“ / „**Password**“ and confirm with „**Validate**“:

A login form with a grey background. At the top, it says 'Enter your login name and password'. There are two input fields: 'Login name' containing 'James Bond' and 'Password' containing seven dots. A 'Validate' button is located at the bottom right. Red circles highlight the input fields and the button.

Please click on function „**Windows Software**“ in section „**Downloads**“:



Start the setup-program „**Install_Mei-pay STS.exe**“. You must be logged in as system administrator to install software. Mei-pay STS will be installed in the standard program directory of Windows:

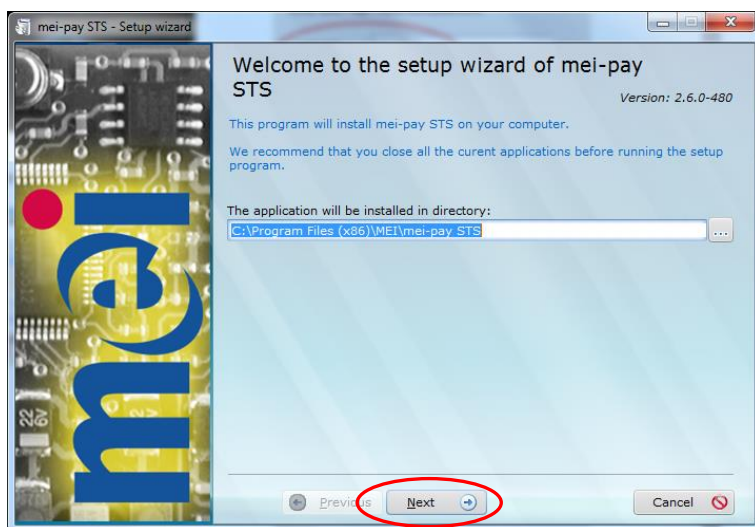
... \Program Files\MEI

All Mei-pay STS data will be installed in the standard application data directory which is provided by Windows:

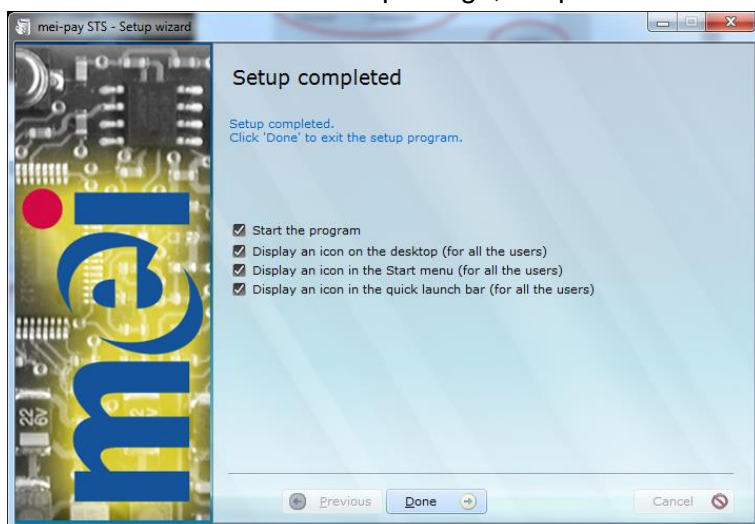
C:\Documents and Settings\All Users\Application Data\MEI

-> **This directory is only visible and accessible with administrator privileges.**

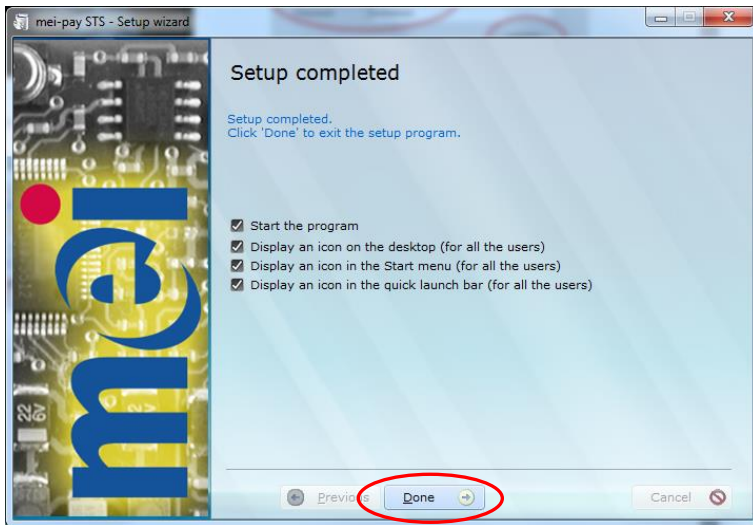
Choose the requested path and confirm with „**Next**“.



The installation will be started and depending on the Windows components that might be installed in addition with this software package, the procedure can take several minutes.



After finishing you can choose various display options. Then press „**Done**“.



At the desktop you will find the Mei-pay STS symbol.



The installation window will close and the application will start.

The next step will be to install a license before you can use Mei-pay STS.

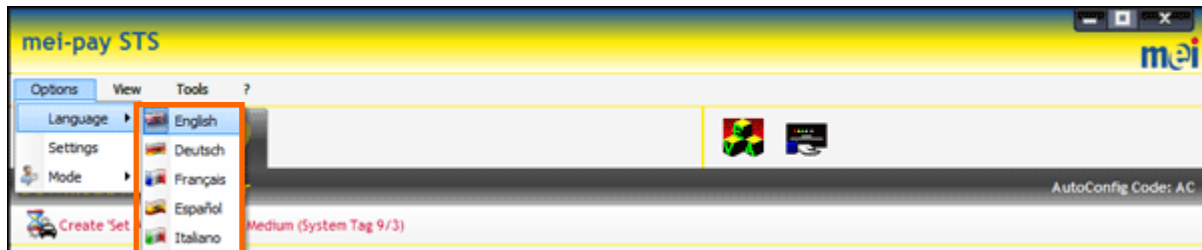
2.2. Install Licence

License registration is described in the separate document "G6_NFCgate.

3. Mei-pay STS Main Menu “Options”

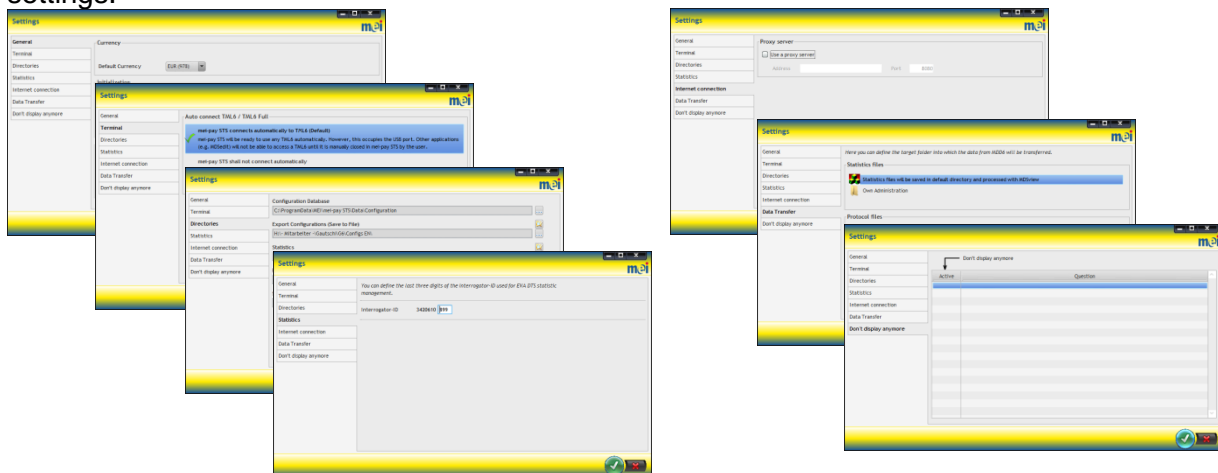
3.1. Language

Choose the language of Mei-pay STS with menu “*Options/Language*”.



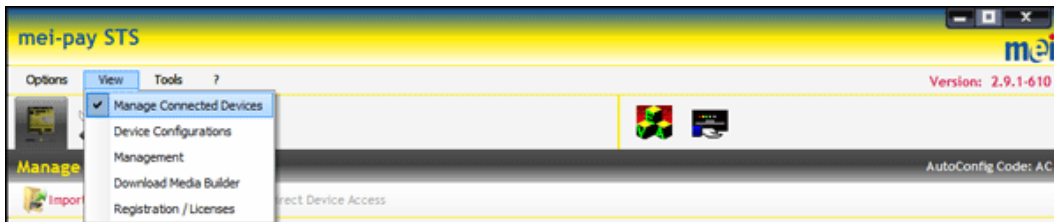
3.2. General Settings

With menu “*Options/Settings*” there are 7 additional windows to control the main Mei-pay STS settings.



- **General**
to set default currency and to change automatic reader initialisation
- **Terminal**
Automatically connecting to TML6 / TML6 Full
- **Directories**
to configure various directories to store Mei-pay STS data
- **IMPORTANT ADVICE !!!**
Never change Mei-pay STS data manually!
- **Statistics**
to define the last three digits of the interrogator-ID used for EVA-DTS statistics management
- **Internet connection**
Settings for proxy server
- **Data Transfer**
to set the target folders in which the data should be transferred from MDD6
- **Don't display anymore**
Settings to disable warnings and advices

4. MDSmanger Menu “View”



5. Mei-pay STS Main Menu “Tools”

5.1. Log File

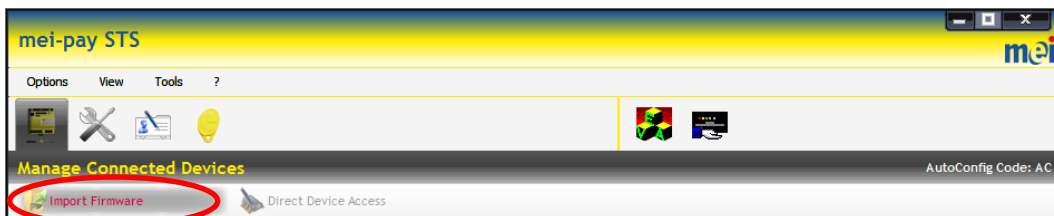
Mei-pay STS automatically stores whole history of events and actions. This log file can be saved to a separate file with **Save file as** or it can be sent directly to MEI for inspection with the function **Send to MEI**.



5.2. Test-Firmware

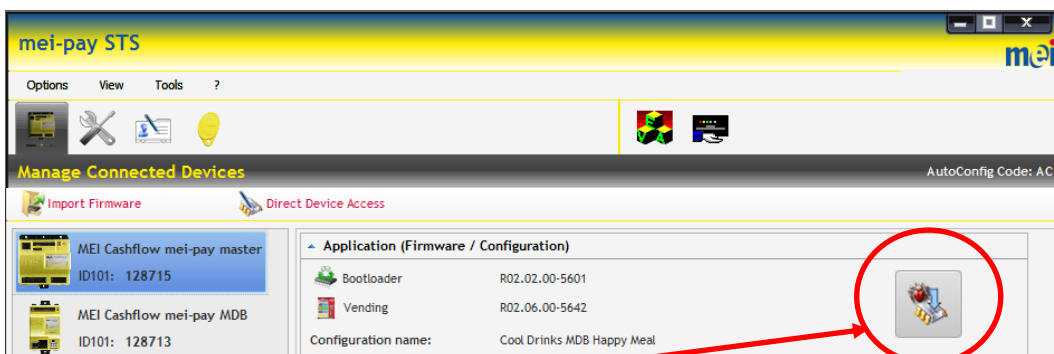
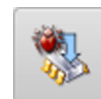
A test firmware is a beta version, which is published in advance of a final firmware release. Import the test-firmware with function **Import Firmware**:

A test firmware always has a version number ≥ 50 e.g. R02.04.50-3693.



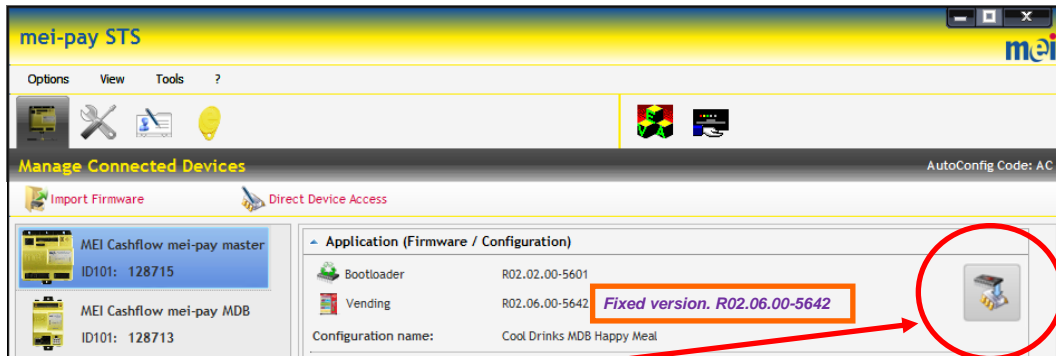
An imported Test-firmware can only be loaded to the reader, if the reader’s firmware version has the same Major/Minor version Rxx.xx.

Exmample: firmware of reader R01.05 00.5642
 imported Test-firmware R01.05 50.6666



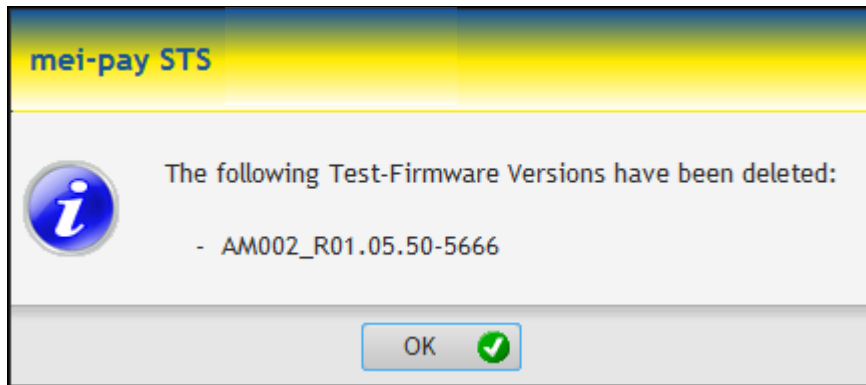
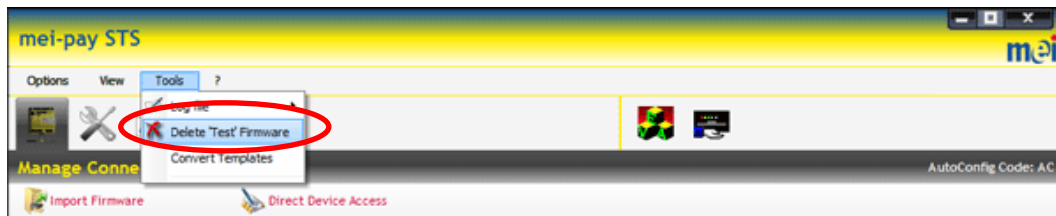
load Test-firmware to reader

As soon as there is a Test-firmware in the reader, the actual released firmware version will be displayed in blue; this firmware can be reloaded to the reader with the function **Update firmware:**



reload released firmware to reader

A Test-firmware which is no longer used can be removed with function **Tools / Delete Test Firmware.**



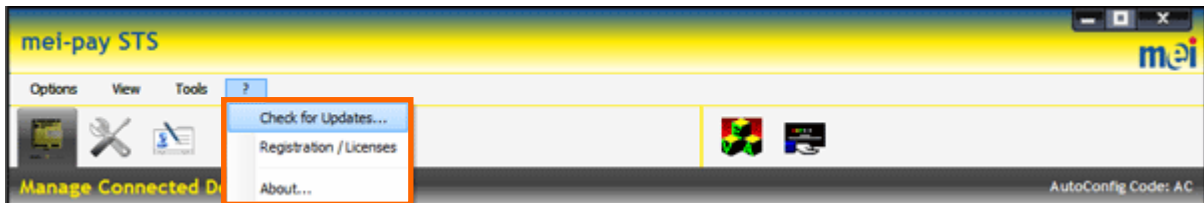
NOTE:

In case of an Mei-pay STS update all Test-firmware will automatically be deleted!

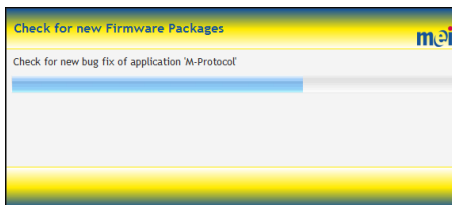
6. Mei-pay STS Main Menu “?”

6.1. Check for Updates

„?“ menu provides general Mei-pay STS information.

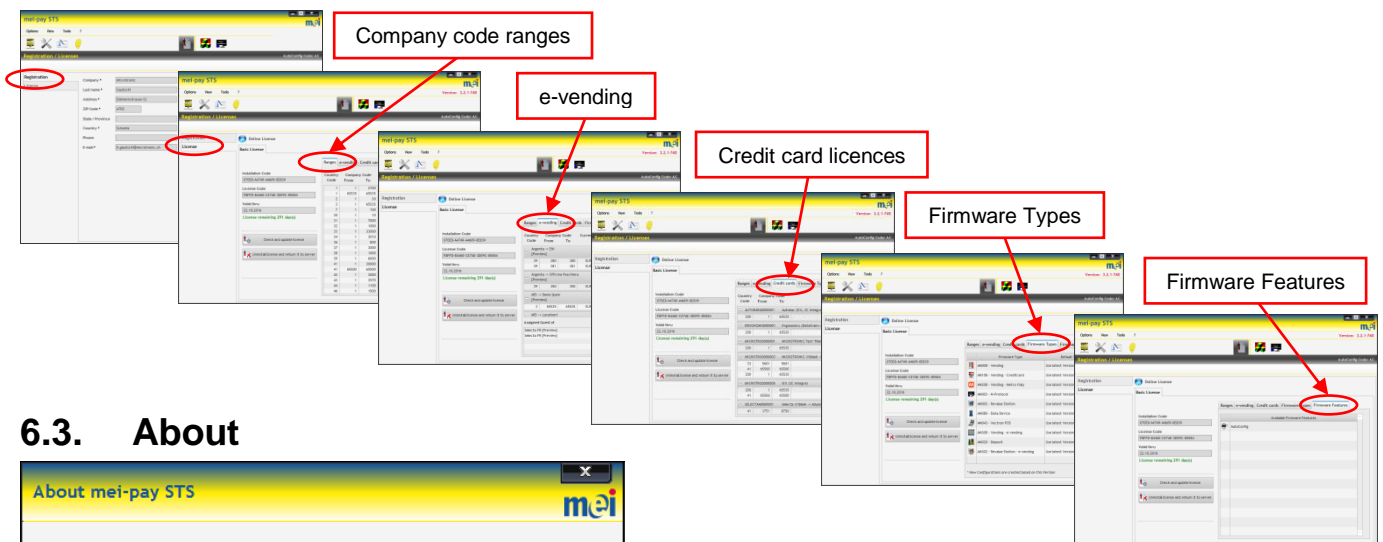


Check for updates is a manual online check for updates. When starting Mei-pay STS this is automatically performed whenever an Internet connection is established:

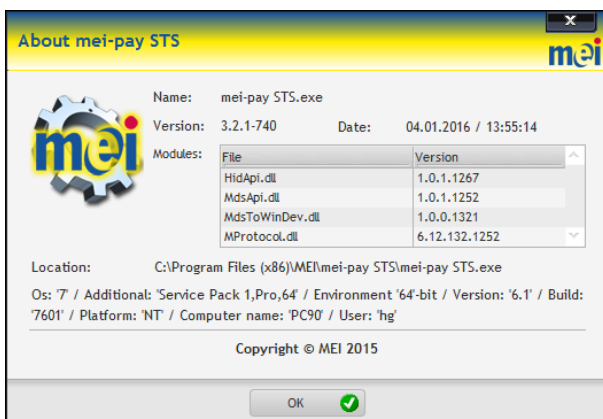


6.2. Registration / Licences

Registration / Licences displays the registration information and the allocated licenses:



6.3. About



7. Overview of Main Functions

7.1. Connected Devices

This main menu is used to set up reader attributes and for technical maintenance of one or several readers which are connected to the USB ports of the computer.

The screenshot shows the 'mei-pay STS' application window. The interface includes a menu bar (Options, View, Tools, ?), a toolbar with icons for Import Firmware, Direct Device Access, and other functions. The main area is titled 'Manage Connected Devices' and displays a list of connected devices on the left and detailed configuration information on the right.

Callouts and Annotations:

- Launching MDSview / MDSedit:** Points to the toolbar icons.
- AutoConfig is activated:** Points to the 'AutoConfig Code: AC' label.
- MDSmanager version:** Points to the 'Version: 2.9.1-610' label.
- Firmware information:** Points to the 'Bootloader' and 'Vending' sections.
- Setting device attributes:** Points to the 'Identification' section.
- AutoConfig is activated in the connected reader (DONE):** Points to the 'AutoConfig State: DONE' field.
- Maintenance:** Points to the 'Maintenance' section.
- Showing all connected devices with symbol and identification number:** Points to the device list on the left.

Maintenance:

- device statistics
- read internal protocols
- set date / time
- initialise device
- create and send support package

7.2. Configuration

Managing the configurations that contain all major reader settings. No reader must be connected to the computer to use this function.

The screenshot shows the 'mei-pay STS' application interface. The 'Device Configurations' section is highlighted with a green oval and a callout box stating 'Main functions to handle configurations'. The interface displays a list of configurations for two companies: BMW and MERCEDES. Each company's configurations are grouped under a 'Headquarter' header. The 'AC Code' field is highlighted with a purple box and a callout box stating 'AutoConfig code is displayed on location level'. A red box highlights the entire list of configurations, with a callout box stating 'List of all configurations related to locations with country / company code'.

| Company | Location | CNC/CC | AC Code | Country | Language |
|------------------------------|---|---------|----------|-----------|----------|
| BMW | Headquarter | 200/13 | AC-3-4-1 | EUR (978) | English |
| | Canteen Headquarter | 01.02 | | | |
| | Cool Drinks EXE with MDB Periphery (Happy Meal) | 02.09 | | | |
| | Food Happy Meal Reader Pricing | 02.06 * | | | |
| | Hot Drinks MDB Happy Meal Reader Pricing | 02.09 | | | |
| Technician Mode with updates | 01.04 | | | | |
| MERCEDES | Headquarter | 200/16 | AC-3-4-2 | EUR (978) | English |
| | Canteen Headquarter | 01.02 | | | |
| | Cool Drinks EXE with MDB Periphery (Happy Meal) | 02.09 | | | |
| | Food Happy Meal Reader Pricing | 02.06 * | | | |
| | Hot Drinks MDB Happy Meal Reader Pricing | 02.09 | | | |
| Technician Mode with updates | 01.04 | | | | |

7.3. Management

Managing basic database: **customers, locations, products, currencies, MDD6 profiles** which are used in configurations.

Data import / export features.

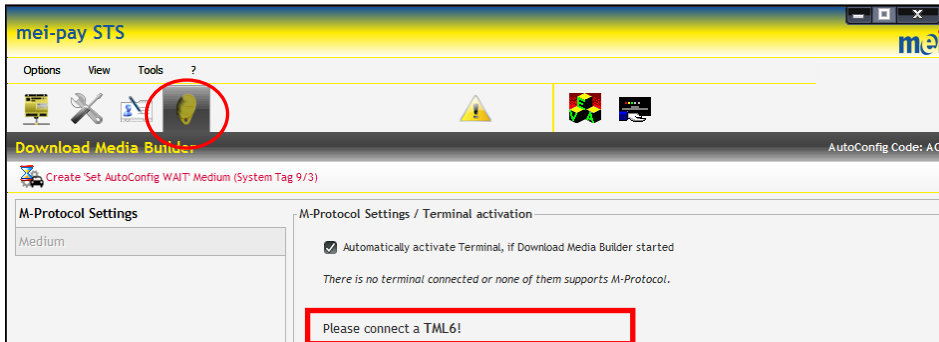
The screenshot shows the 'mei-pay STS' application interface in the 'Management' section. The 'Customers' tab is selected, and a table of customers is displayed. The table has columns for Customer, Customer Number, ZIP Code, City, State, and Country. The 'Customers' tab is selected, and the table lists Audi, BMW, Demo Company 1, MERCEDES, MIC my Terminal, and Templates. The 'AutoConfig Code: AC' is displayed in the top right corner.

| Customer | Customer Number | ZIP Code | City | State | Country |
|-----------------|-----------------|----------|-----------|-----------|-------------|
| Audi | 8888 | 5116 | Schznzach | Aargau | Schweiz |
| BMW | 3333 | 8157 | Dielsdorf | Zürich | Schweiz |
| Demo Company 1 | 3 | 4703 | Oensingen | Solothurn | Switzerland |
| MERCEDES | 5555 | 8952 | Schlieren | Zürich | Schweiz |
| MIC my Terminal | | | | | |
| Templates | | | | | |

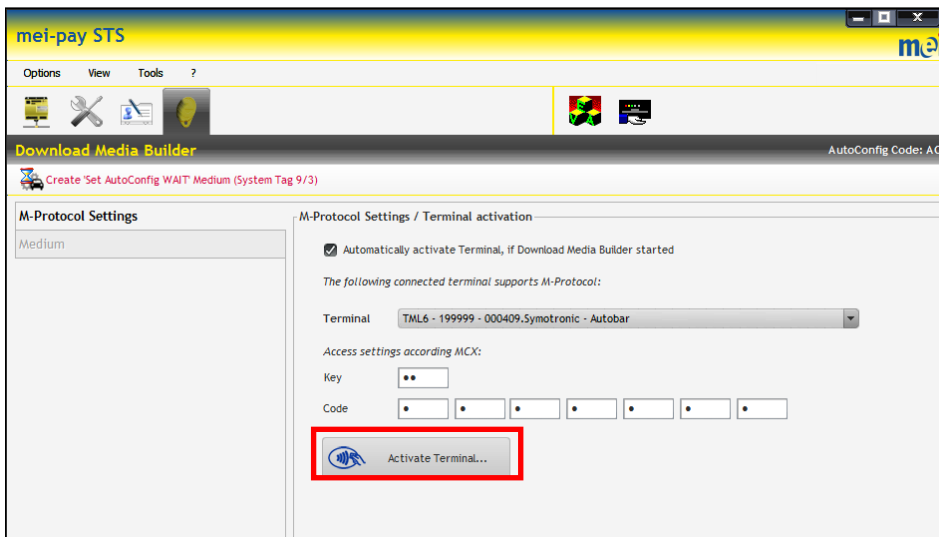
7.4. Download Media Builder

7.4.1. File Download Medium for Reader Configuration (system function 9/2)

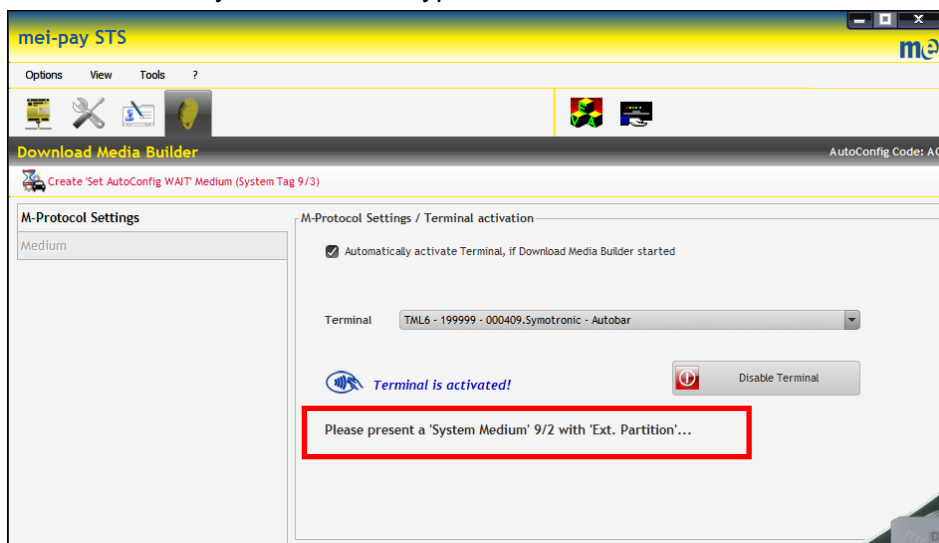
Create directly a File Download medium from MDSmanager:



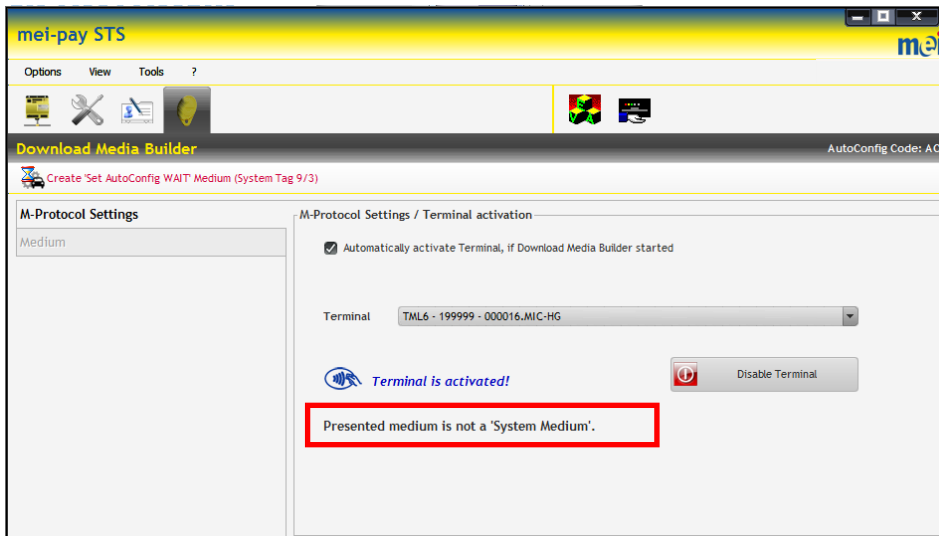
Connect and activate TML6 Full or TML6:



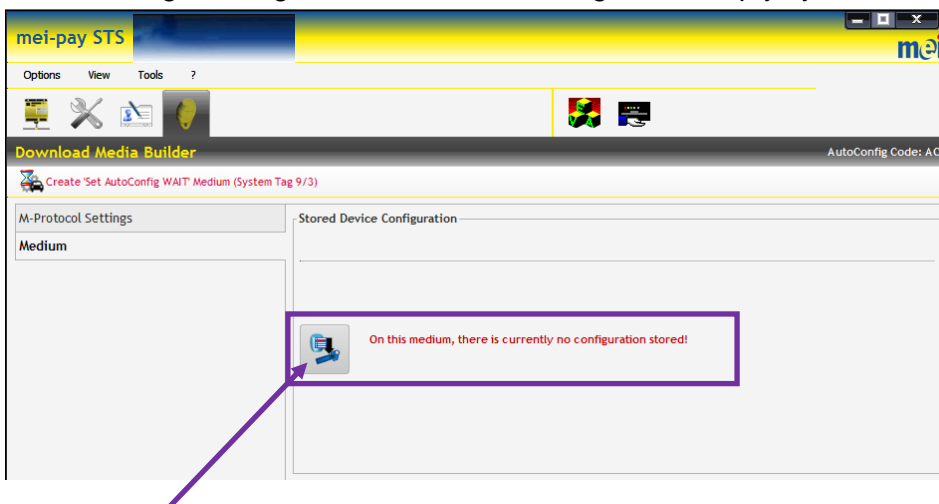
Hold formatted system medium type 9/2 to activated terminal:



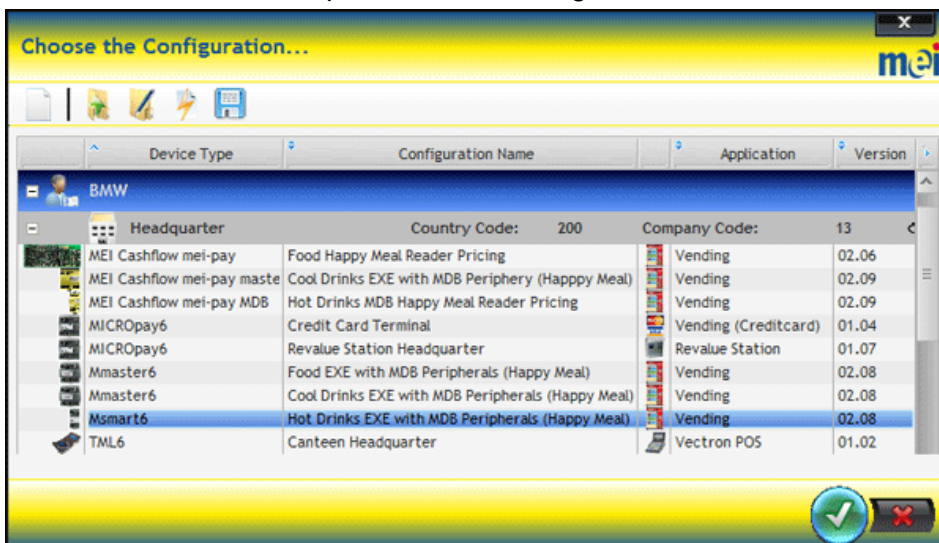
Only system media type 9/2 will be accepted, other media will be rejected:



The following message is shown when holding on an empty system medium 9/2:



Click on the function to open the list of configurations:



ATTENTION !

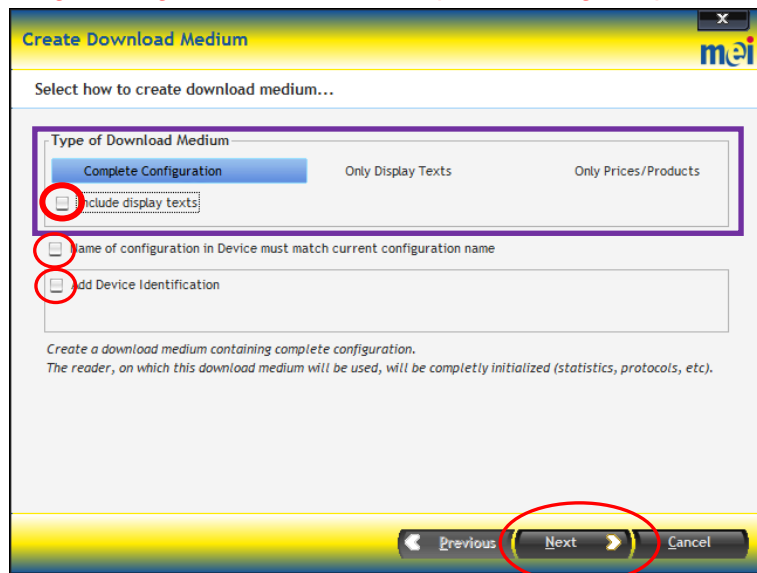
All configurations will be displayed with actual release (no filter options).

Select Download Medium options and click on **Next** to continue.

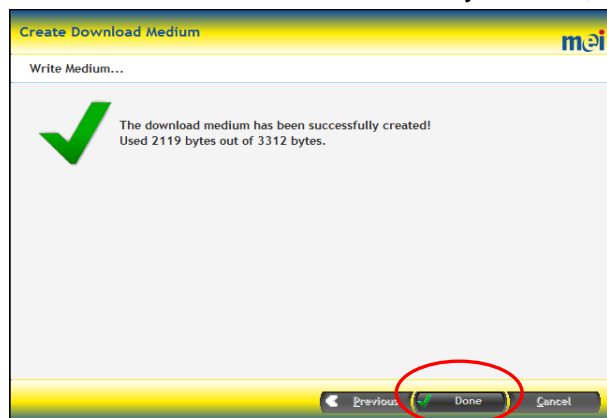
IMPORTANT:

Do not **Include Display Texts** in order to save memory space.

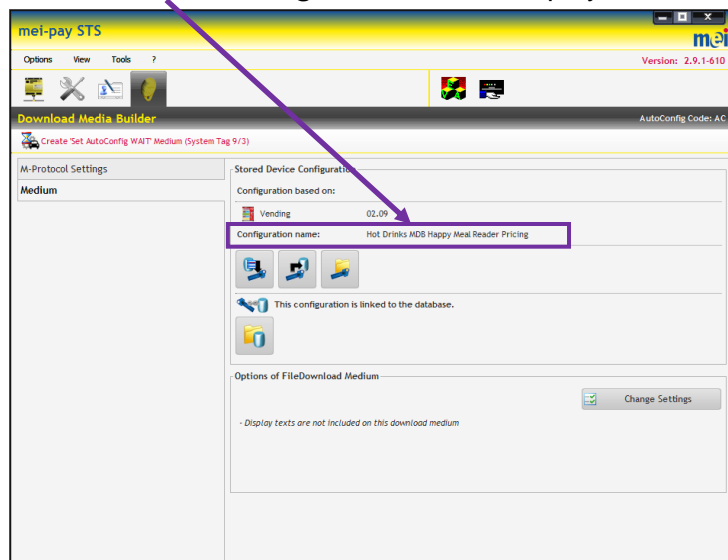
Large configurations with reader price settings require an 8K medium (DESFire)!



Download medium was successfully created, click **Done** to finish process:



Name of saved configuration will be displayed:



With MDSedit software all configuration details are visible:

Formatted 22.11.13 1+207 blocks Non-unique identifier (NUID) E7A7985C (10983516)

Header

Function: Diagnose, Attributes: -, Country code: 200, Reseller: 1, User #: 107

Diagnose 9/2 File download

Transfer/g6

Block: [], R/O: [], Detail level: 0 Base, Attributes: -, Company: 13, Function: 2 File download

File Transfer

Prod >> Directory Open Save Empty

Information

Config type: Complete confia without textfile

Condition

Expected AutoConfig in reader: Code AC-3-4-1, State 00

Location

Country code: not modified

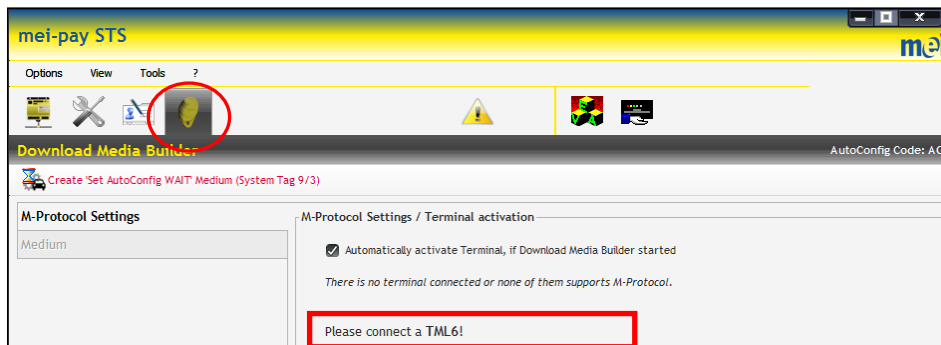
Company: 13

| Pos | Product name | Attributes | Selections | Debit | Debit K1 | Debit K2 | Debit K3 | Debit K4 |
|-----|-----------------|------------|------------|-------|----------|----------|----------|----------|
| 1 | Espresso | - | 1 | 100 | 100 | 100 | 100 | 100 |
| 2 | Caffé latte | - | 3,5 | 120 | 120 | 120 | 120 | 120 |
| 3 | Latte macchiato | - | 4 | 150 | 150 | 150 | 150 | 150 |
| 4 | Ristretto | - | 2 | 110 | 110 | 110 | 110 | 110 |
| 5 | Tea Water | - | 6 | 80 | 80 | 80 | 80 | 80 |

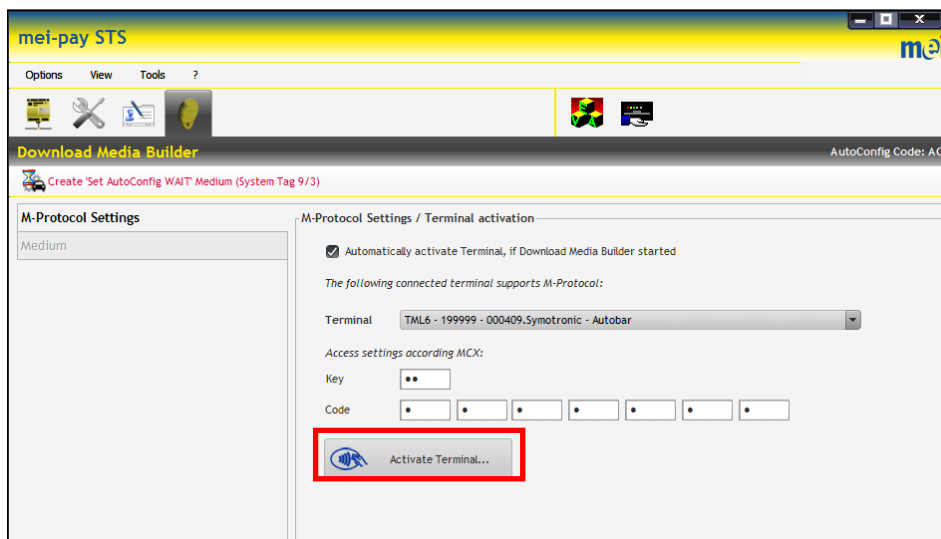
MIC-HG 000016 M-Protocol R01.07.00-6040 (132)

7.4.2. Set AutoConfig WAIT Medium (system function 9/3)

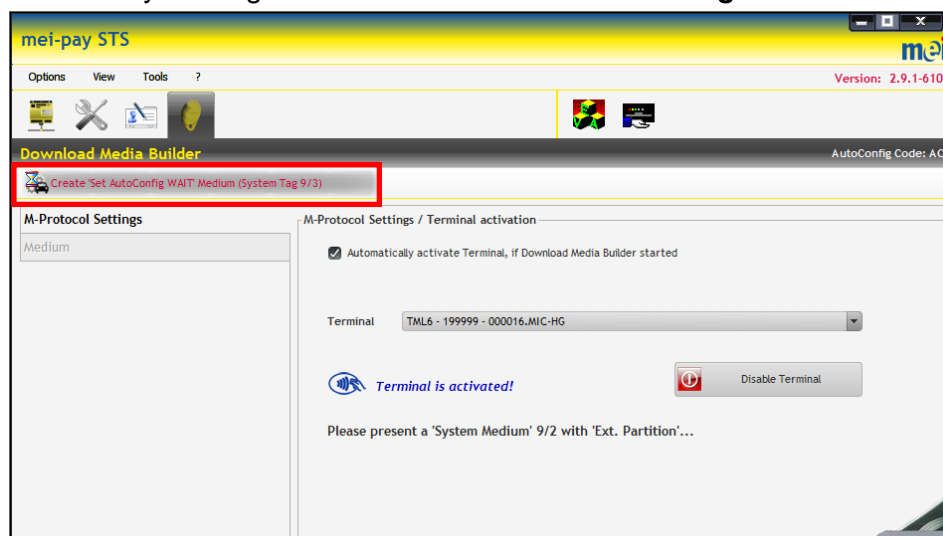
Create directly a Set AutoConfig WAIT medium from MDSmanager:



Connect and activate TML6 Full or TML6:



Continue by clicking on function **Create Set AutoConfig WAIT medium**:

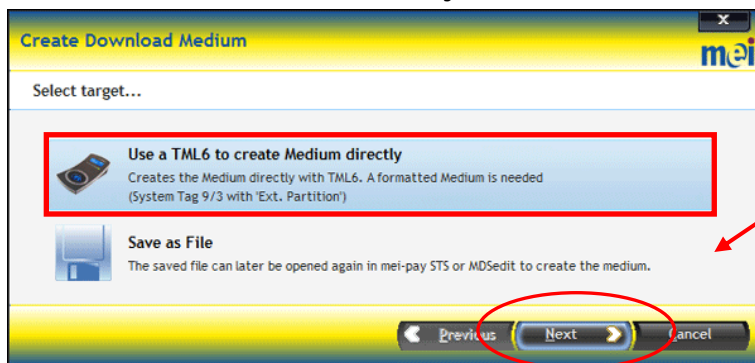


7.4.2.1. AutoConfig Level with Own AutoConfig Code

Select **Use Own AutoConfig Code** and click on **Next**.



Select ... **Create Medium Directly** and click on **Next**.

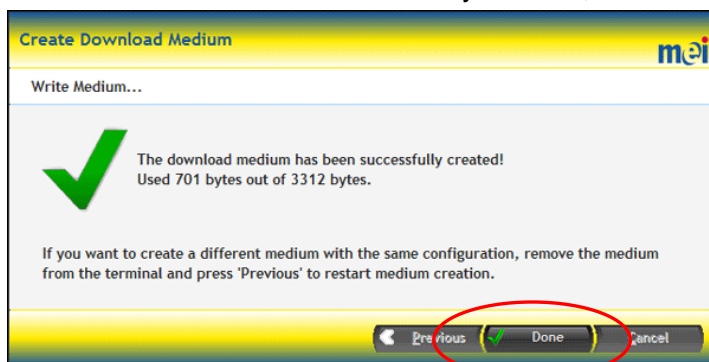


as an alternativ the configuration can also be saved as a file for future management by MDSmanager / MDSedit

Hold system medium type 9/3 to terminal, write procedure will start immediately:



Download medium was successfully created, click **Done** to finish process:

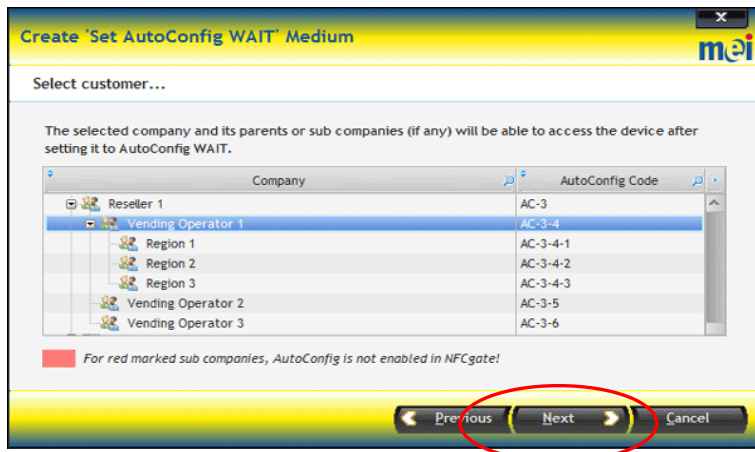


7.4.2.2. AutoConfig Level with AutoConfig Code of Sub Client

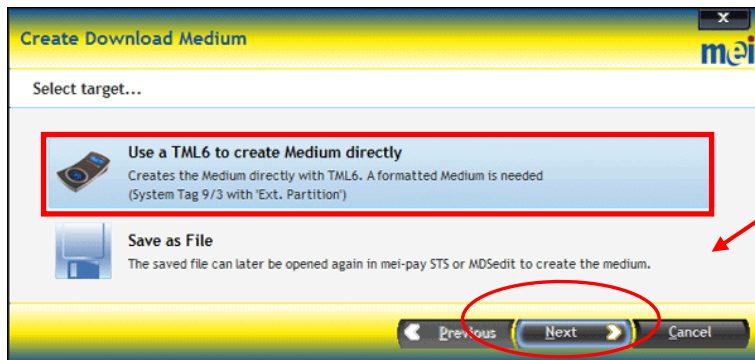
Select **Sub Company** and click on **Next**:



Select a company and click on **Next**:

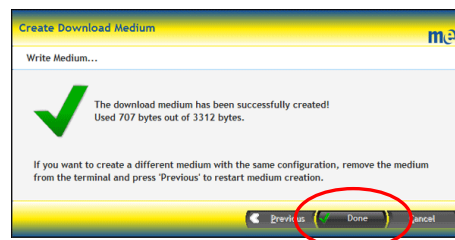


Select ... **Create Medium Directly** and click on **Next**:



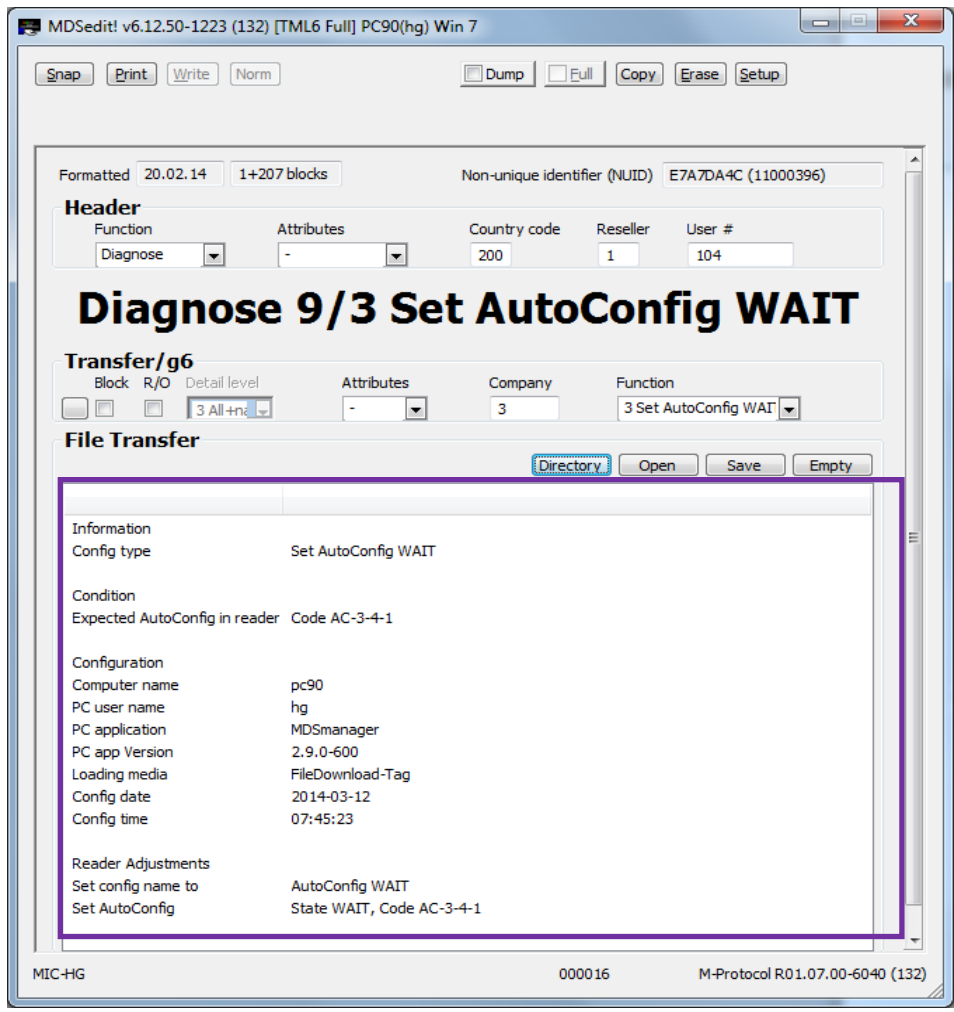
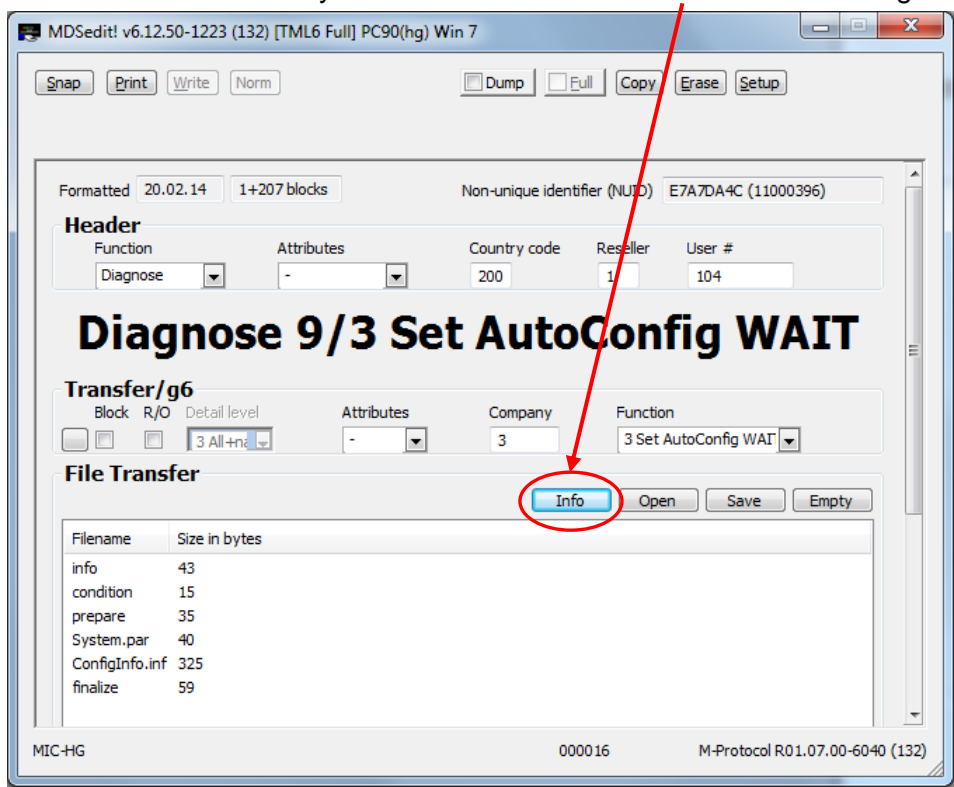
as an alternativ the configuration can also be saved as a file for future management by MDSmanager / MDSedit

Hold system medium type 9/3 to terminal, write procedure will start immediately:



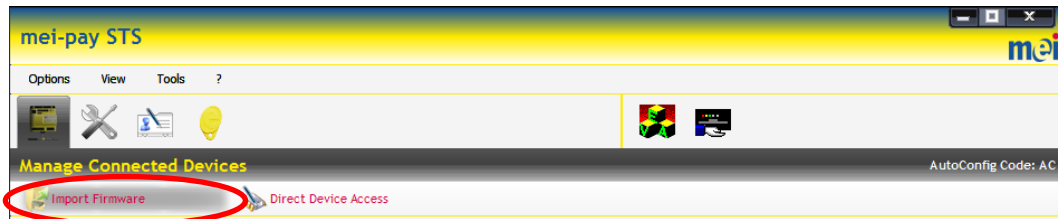
Download medium was successfully created, click **Done** to finish process:

With **MDSedit** software you can click on function **Info** to see all configuration details:



8. Main Function: Connected Devices

8.1. Import Firmware

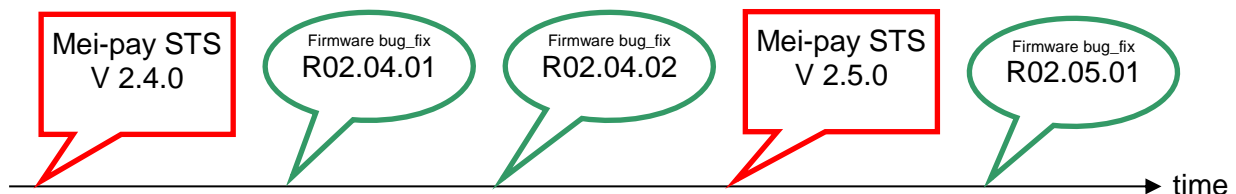


The function „**Import Firmware**“ can be used to import a new reader firmware or a test firmware into the Mei-pay STS. Every Mei-pay STS package contains the latest released firmware versions. Between consecutive Mei-pay STS package releases there might be new firmware bug_fix versions containing enhancements with a new and higher bug_fix version number eg. R03.01.**xx**. As soon as new functions will be introduced, the Major/Minor version of the firmware e.g. R**xx.xx**.00 will be incremented and also Mei-pay STS will need an update. A firmware is small in size (< 1MB) and easy to download and to import in contrast to the whole Mei-pay STS package (> 80MB).

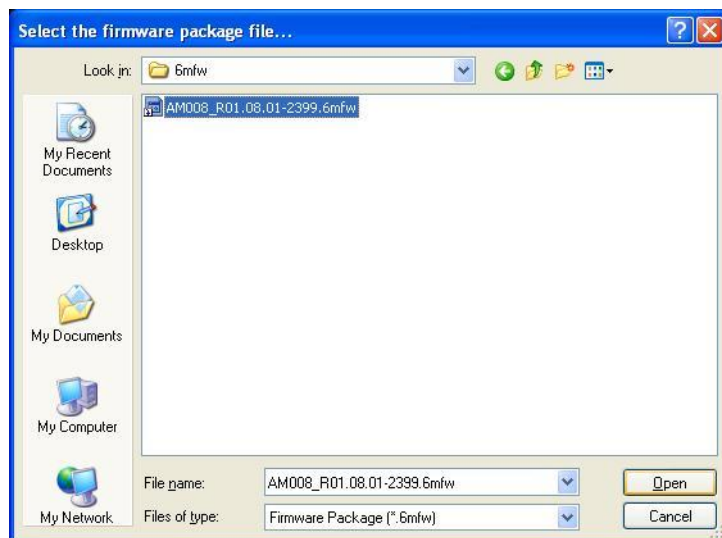
Note:

If you have an online connection from your computer then Mei-pay STS is regularly looking for updates on NFCgate and new firmware / bug_fixes will automatically be downloaded. There is no need to manually “Import Firmware” except for a Test-firmware.

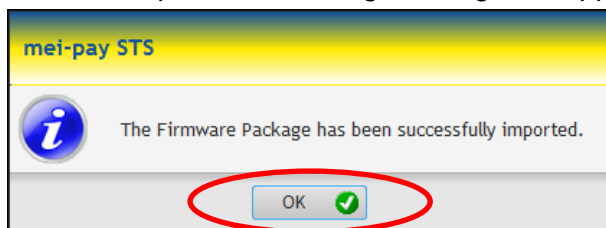
Mei-pay STS release management example:



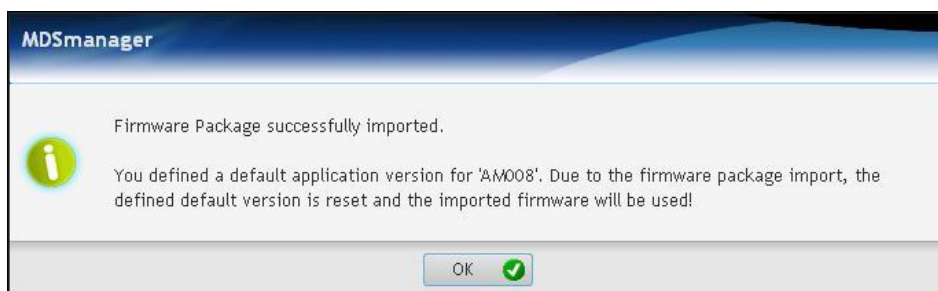
Select the new firmware with extension “**.6mfw**” to be imported to Mei-pay STS:



After the import the following message will appear. Confirm with „OK“.



If a „**Default firmware version**“ was fixed with menu “**Options/Settings/Application Version**”, then the following message will appear:



NOTE:

Importing a new firmware is an active voluntary process and a fixed precedent default firmware version will be deactivated.

8.2. Select Connected Reader

As soon as one or several readers are connected to the computer, the menu "**Connected Reader**" is automatically activated and all readers are visible in the list on the lefthand side.

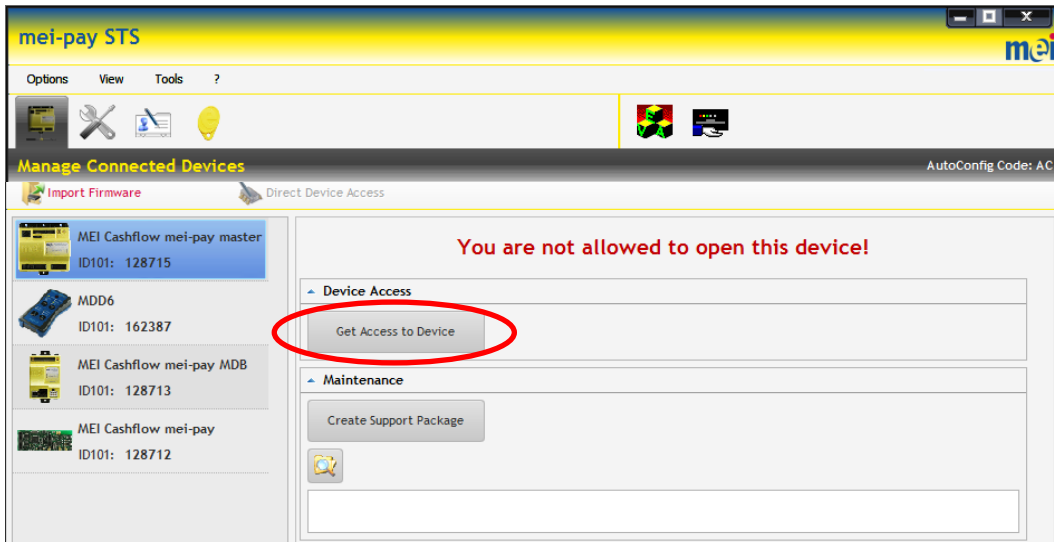
Every reader is pre-installed with the Vending application AM008 and the appropriate security settings ("Country Code" / "Company Code") within the authorized range of the customer. Only readers with authorized security settings would be visible in Mei-pay STS.

Select a reader from the list to view all reader details:

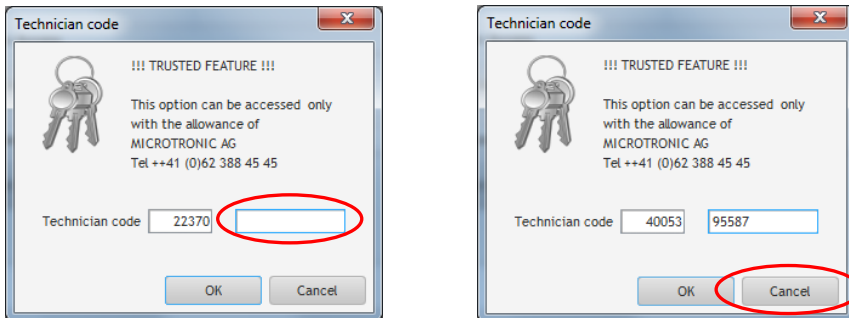
The screenshot displays the 'mei-pay STS' software interface. On the left, a list of connected devices is shown, with the first item, 'MEI Cashflow mei-pay master' (ID101: 128715), highlighted in blue. The right pane shows the configuration details for this selected device. The 'Application (Firmware / Configuration)' section lists 'Bootloader' (R02.02.00-5642) and 'Vending' (R02.09.00-6040), with a configuration name of 'Cool Drinks EXE with MDB Periphery (Happy Meal)'. Below this, it states 'This configuration is linked to the database.' The 'Auto Configuration' section is expanded to show 'Identification' details: 'Asset Number (ID106): 1027ABC' and 'Reader Name (ID104): 00128715', with a 'Modify' button. Other sections like 'Additional Hardware Features' and 'Maintenance' are also visible but collapsed.

8.3. No Reader Access

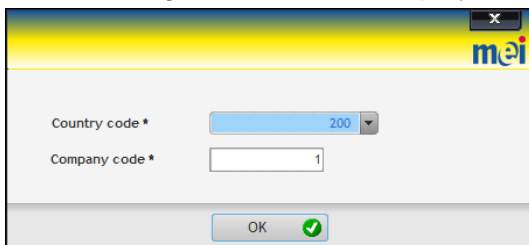
If the security settings of the connected reader (country code / company code) are outside of the current Mei-pay STS licence, there is no reader access available and the following window will be displayed:



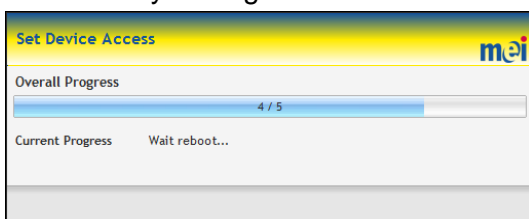
In this case an authorised reader access must be requested from MEI. Click on “**Get Reader Access**” and enter the access code received from MICROTRONIC. Then confirm with “**OK**”:



The following window will be displayed to enter own *Country - / Company Code*. Then click “**OK**”:



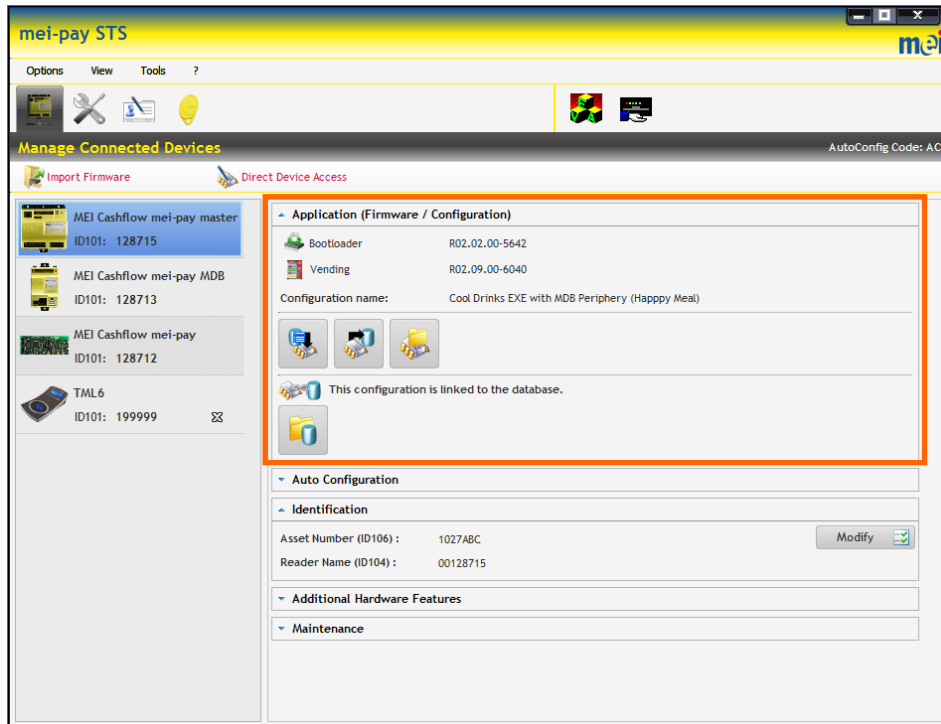
The security settings of the reader will be changed and the reader will reboot:



Then the reader will be fully accessible from Mei-pay STS.

8.4. Reader Application (Firmware / Configuration)

There are several functions to modify the firmware / configuration of the connected reader:



These functions can be selected:



Import reader configuration to database



Open configuration directly from reader



Select configuration from database and transfer to reader



Open linked configuration from database



Load linked configuration to the reader



Migrate configuration and load new configuration to reader



Load released firmware version to reader (bootloader or application)



Edit new parameters of test firmware (unknown to Mei-pay STS)

These messages are displayed:



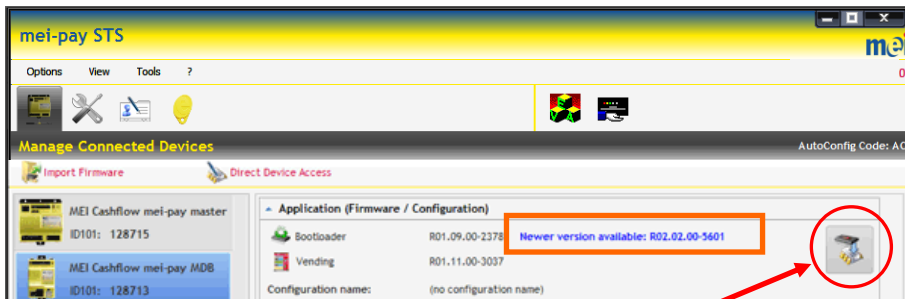
Configuration is linked to the data base



Configuration is not linked to the data base

8.4.1. Update Bootloader

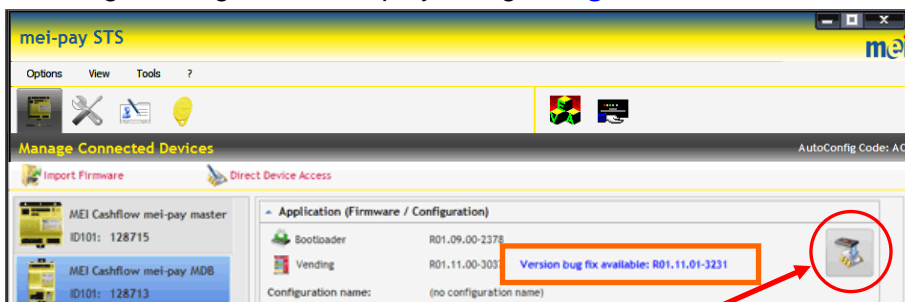
Mei-pay STS automatically detects an old Bootloader version of a connected reader and displays the following message e.g. „**Newer version available: R02.02.00-5601**“:



Click on function „**Update firmware**“:

8.4.2. Update Application

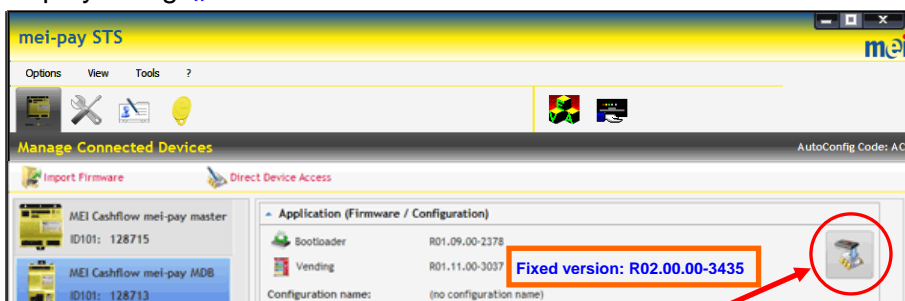
If a new bug_fix is available for the application which is running in the connected reader the following message will be displayed e.g. „**Bug-fix version available R01.11.01-3231**“:



Click on function „**Update firmware**“:

8.4.3. Update Application with Fixed Default Version

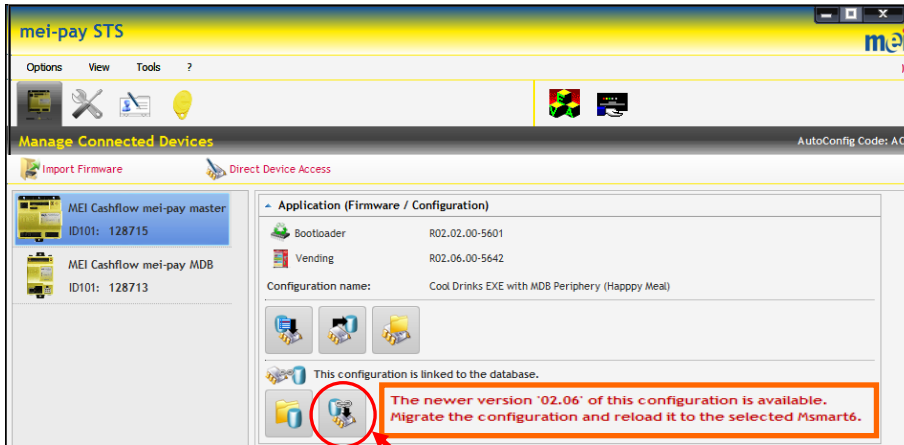
If a default application version has been fixed in menu „Options/Settings/Application versions“, which is different from the application version of the reader, the following message will be displayed e.g. „**Fixed version: R02.00.00-3435**“. With this function a **Downgrade** can be forced:



Click on function „**Update firmware**“:

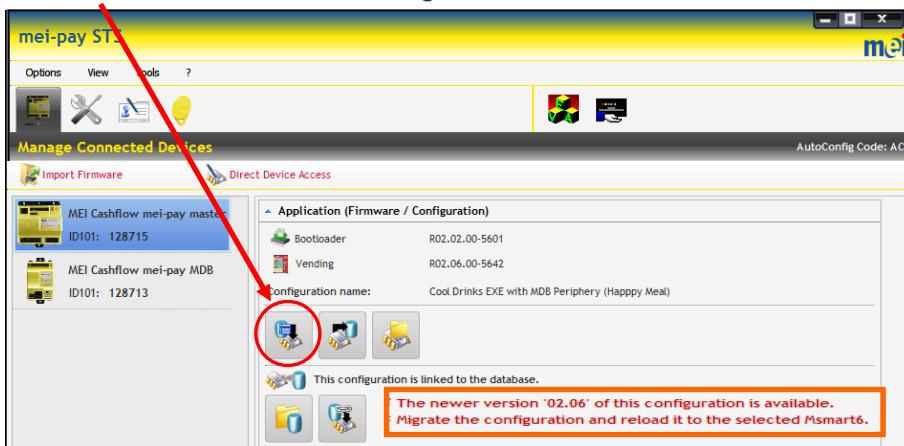
8.4.4. Update Reader Configuration

NEW: The reader firmware will always be loaded together with the configuration. This ensures compatibility and avoids version conflicts in the reader between firmware and configuration. If there is a newer application version available in Mei-pay STS, a corresponding message will appear to **migrate** the reader configuration and to reload the migrated configuration to the reader (automatically together with new application):

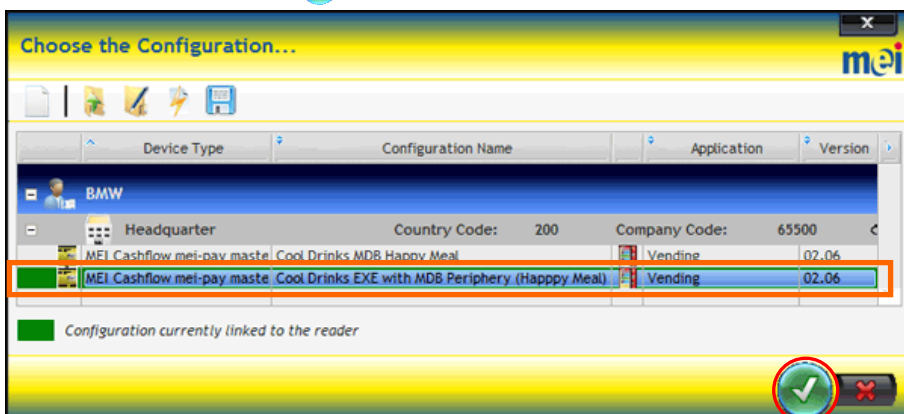


Select „**Migrate the configuration and reload it to reader**“:

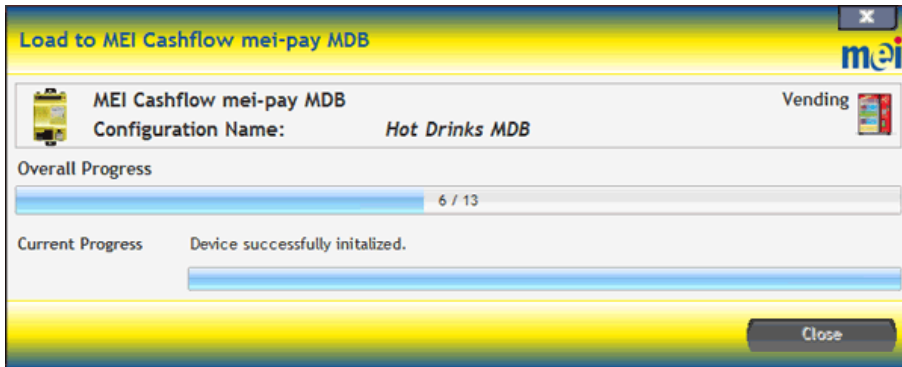
Or **choose** another reader configuration from the database,



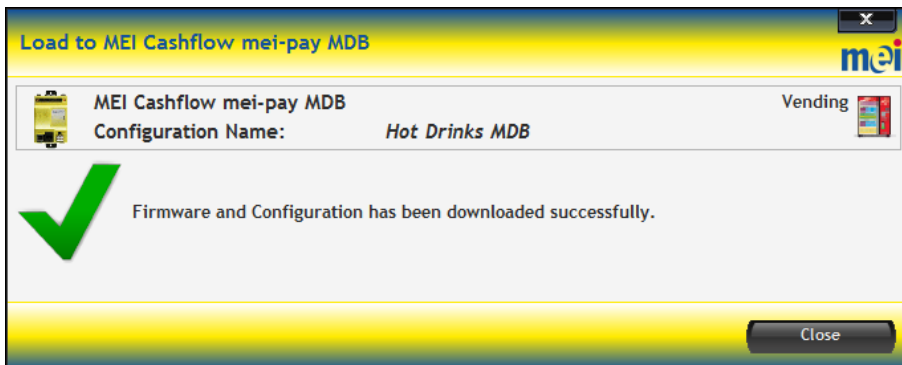
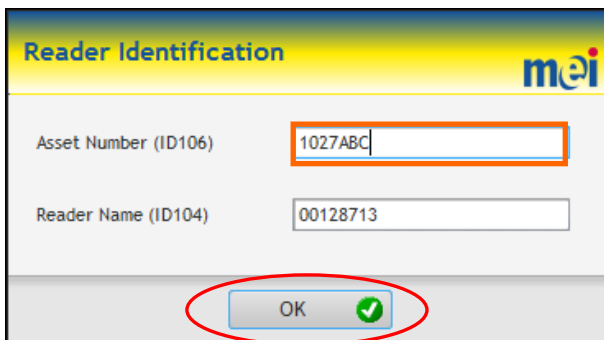
Confirm selection with 



First the firmware and then the configuration will be downloaded to the reader:

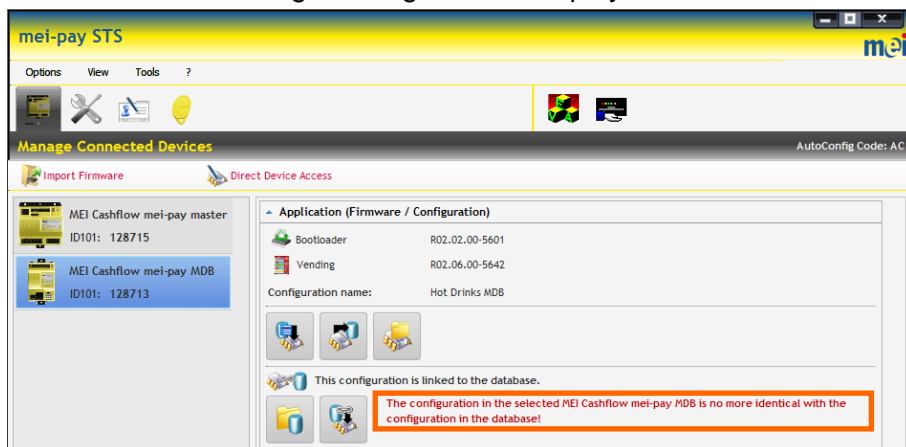


Enter reader identification and click "OK":



8.4.5. Changes in Linked Configuration

If the configuration in the reader is different from the linked configuration in the Mei-pay STS database, the following message will be displayed:




This can happen in the following situations:

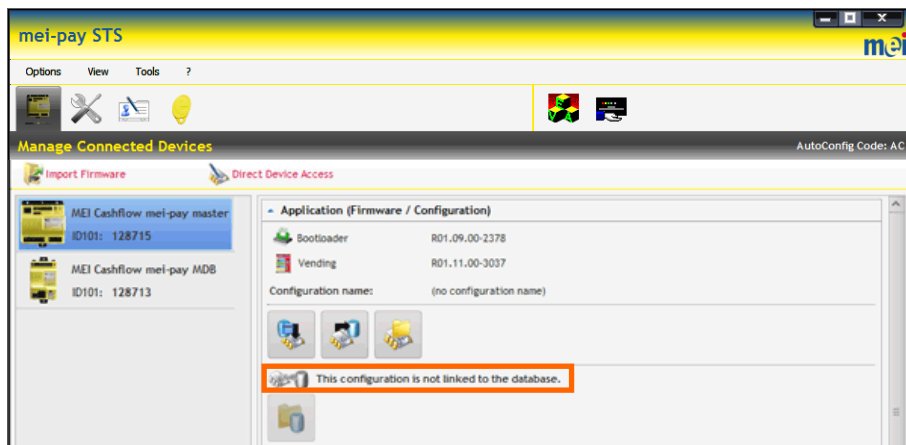
- the configuration was directly modified in the reader or only stored to Mei-pay STS database
- the configuration in the reader was changed with another Mei-pay STS
- the parameters have been changed by „**Direct Reader Access**“.

NOTE:

We recommend to only modify configurations in Mei-pay STS database.

8.4.6. Configuration Is Not Linked to Mei-pay STS Database

The linking symbol is gray  and a corresponding message will be displayed:

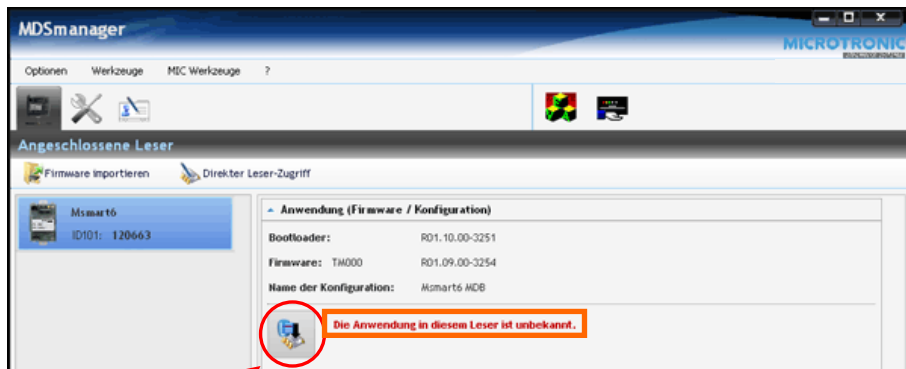


This can happen in the following situations:

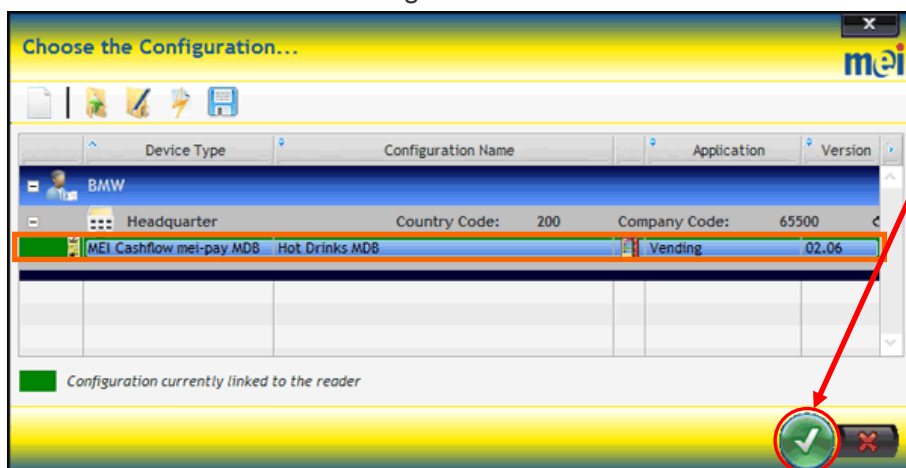
- a new reader is connected
- the configuration on the reader was not stored to the Mei-pay STS database

8.4.7. Application in Reader Is Unknown

The application of the reader is not included in Mei-pay STS. This may happen, if a very old reader is connected or if a brand new firmware version is loaded in the reader which is unknown to Mei-pay STS:



Select and load a current configuration from the database and confirm with  :

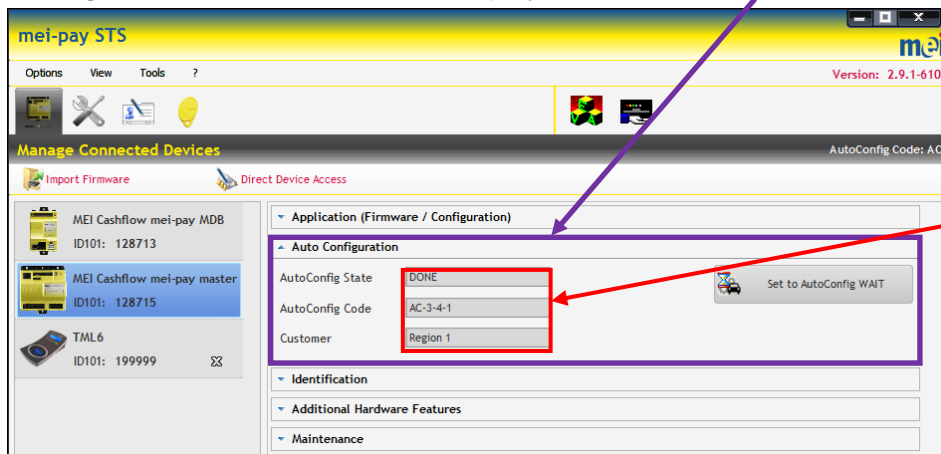


8.5. Auto Configuration

A detailed technical description of AutoConfig can be found in G6_TechDoc.

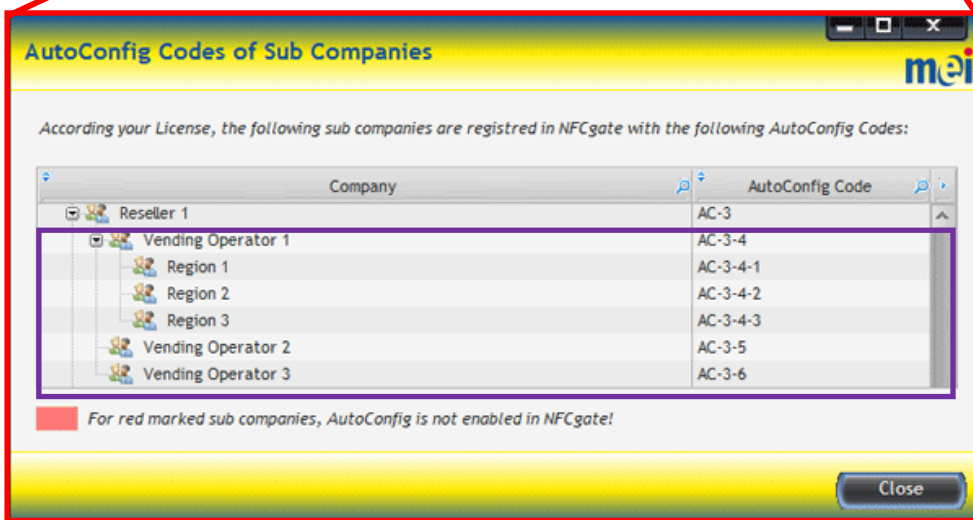
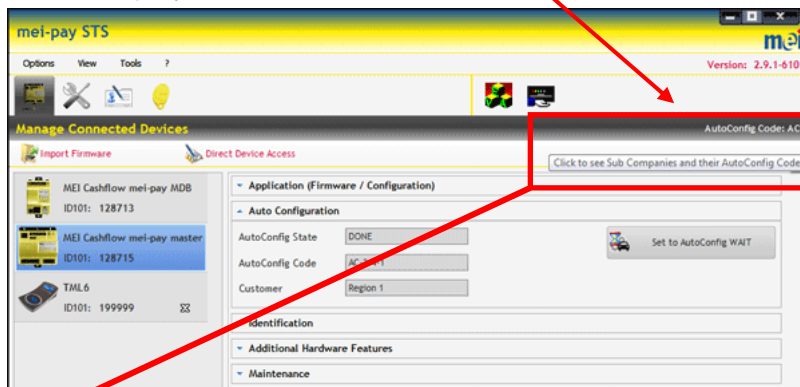
8.5.1. Reader in AutoConfig State DONE

If a compatible reader with state **AutoConfig DONE** is connected the following **Auto Configuration** information will be displayed:



Reader with AutoConfig Code **AC-3** for company **Reseller 1** is in state **DONE**.

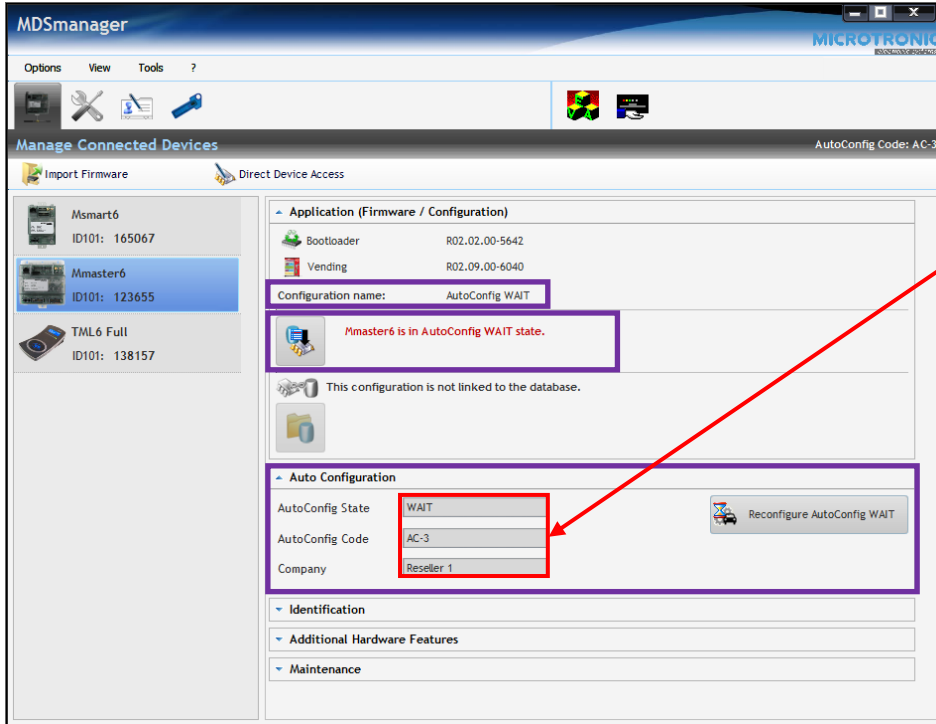
By clicking on function **AutoConfig Code AC-3** all codes of linked sub companies from NFCgate will be displayed:



All AutoConfig (AC) information is marked in purple colour on the following pages.

8.5.2. Reader in AutoConfig State WAIT

If a compatible reader with state **AutoConfig WAIT** is connected the **WAIT** state will be displayed in **Application** and **AutoConfiguration** area:



Reader with AutoConfig Code **AC-3** for company **Reseller 1** is in state **WAIT**.

If this reader is connected to a vending machine the following message will be shown on the MIC display:

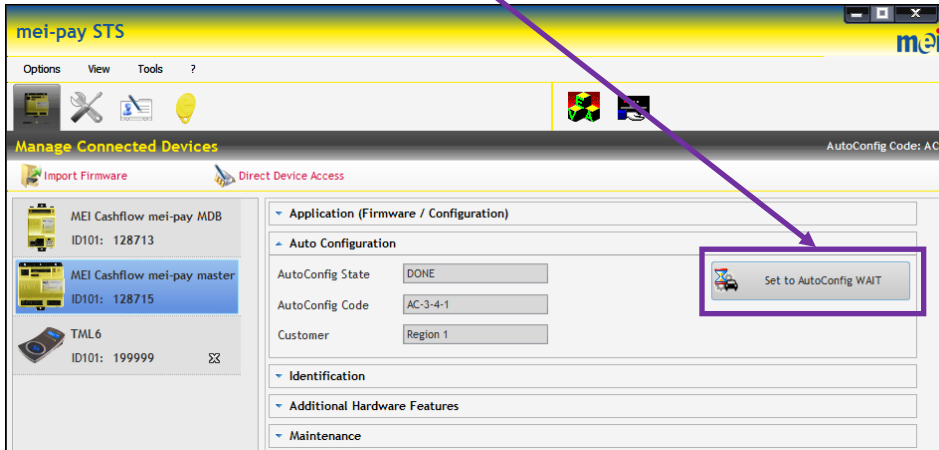


LED **rot** **grün** blinken alternierend

A reader in WAIT state only accepts system media of type 9/2 and 9/3, all other media will be rejected.

8.5.3. Reset Reader from AutoConfig State DONE → WAIT

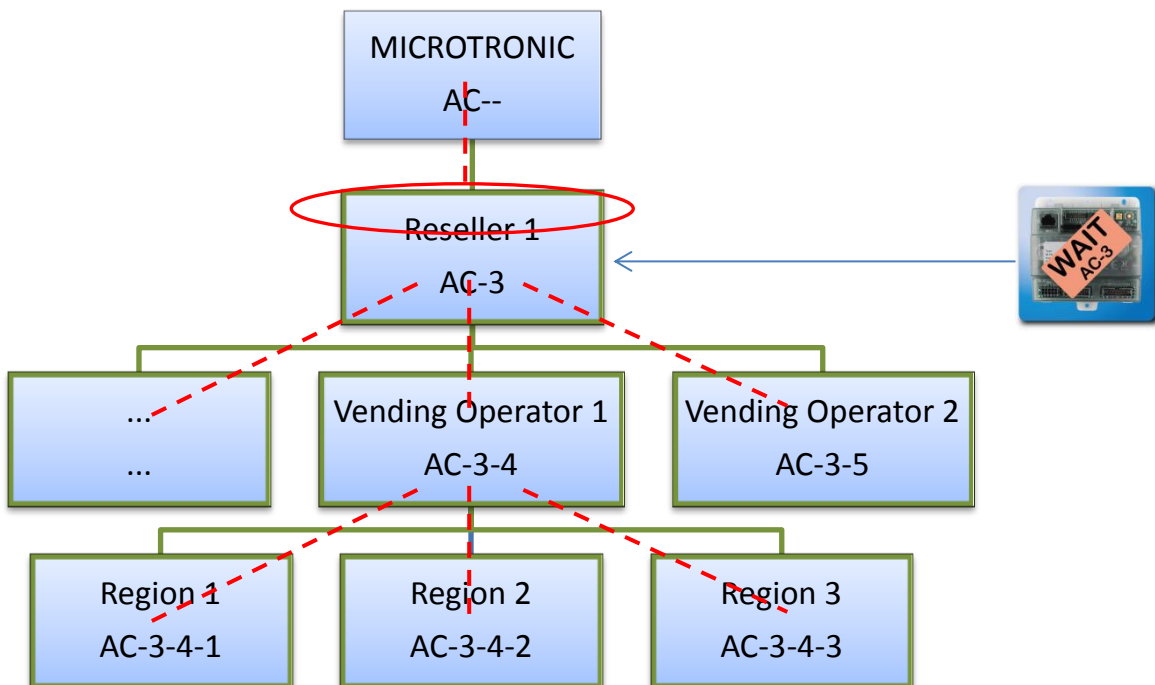
The AutoConfig state of a connected (AC compatible) reader, can be set from **DONE** to **WAIT** using the button *set to AutoConfig WAIT*:



Herewith the AutoConfig Level needs to be selected. This level has a direct influence to the operating conditions inside of the defined company/customer structure from NFCgate.

8.5.3.1. AutoConfig Level with own AutoConfig Code

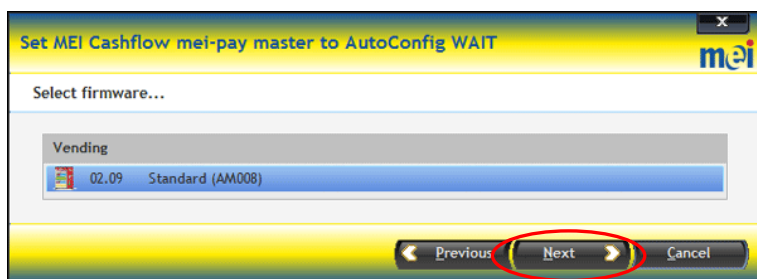
At the example below (Reseller 1, AC-3) all sub-companys/customers can access to the reader since the reader is programmed with the superior AC code:



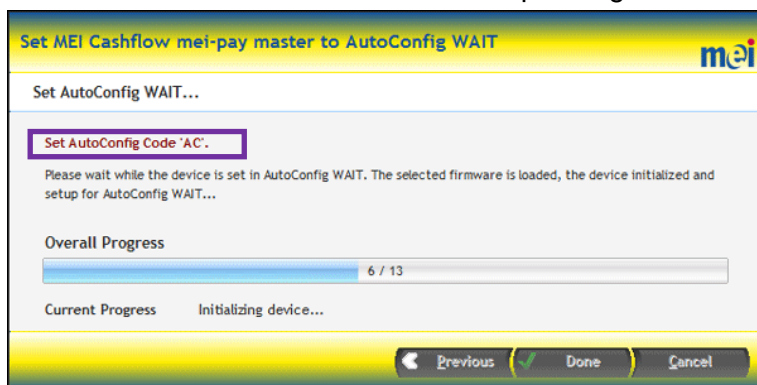
At the setup process the following window appears. Select **Use own AutoConfig Code** and confirm with **next**.



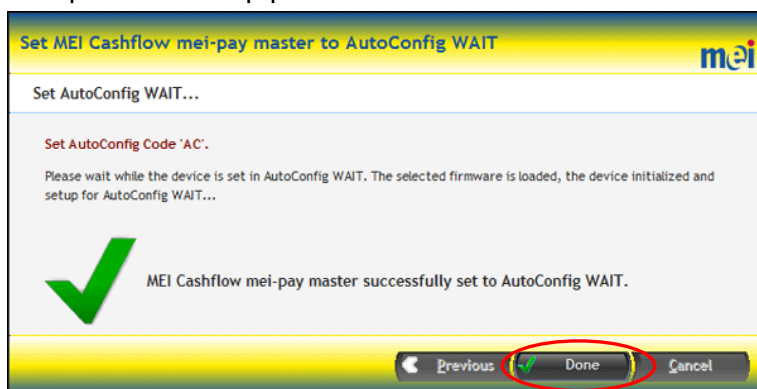
Further select Firmware and confirm with **next**.



Reader will be initialised with the corresponding AutoConfig Code "AC-3":



Complete the setup procedure with **Done**.

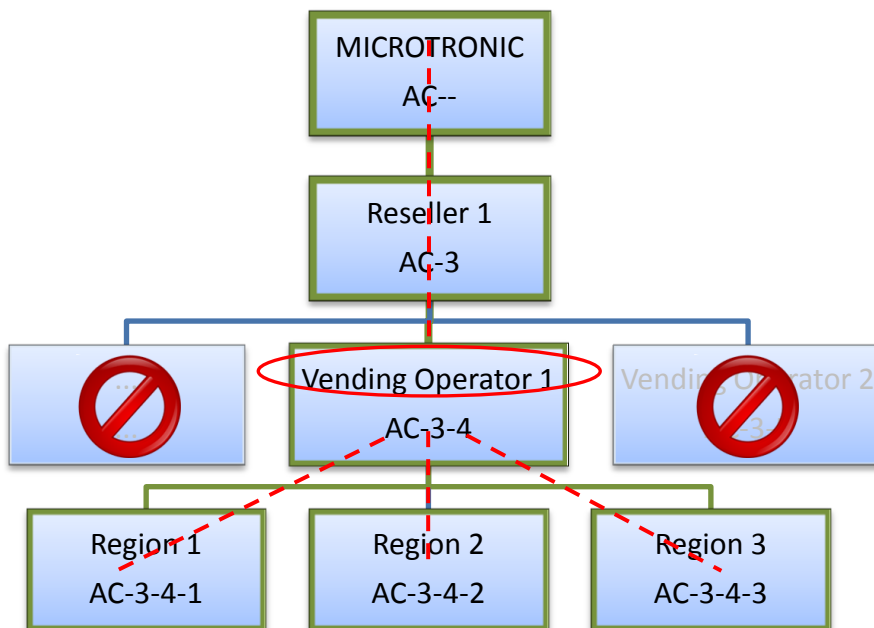


8.5.3.2. AutoConfig Level with inferior AutoConfig Code

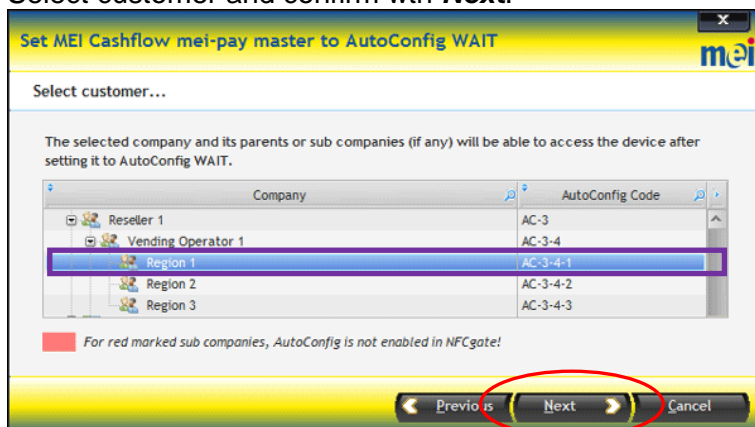
Select inferior sub company using the function “**Select sub company**” and confirm with “**Next**”:



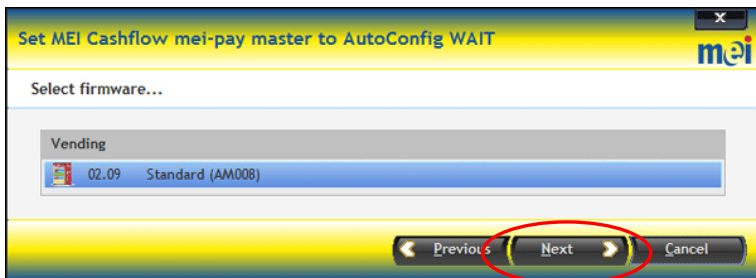
At this example (Vending Operator 1, AC-3-4) only the inferior level and the direct superior company structure can access to the reader:



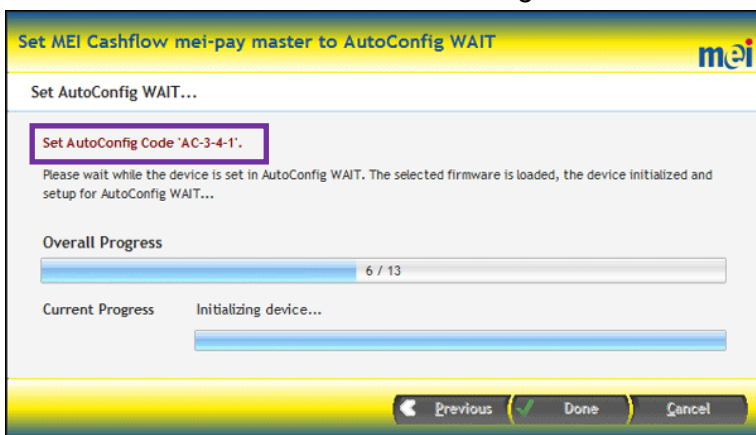
Select customer and confirm with **Next**:



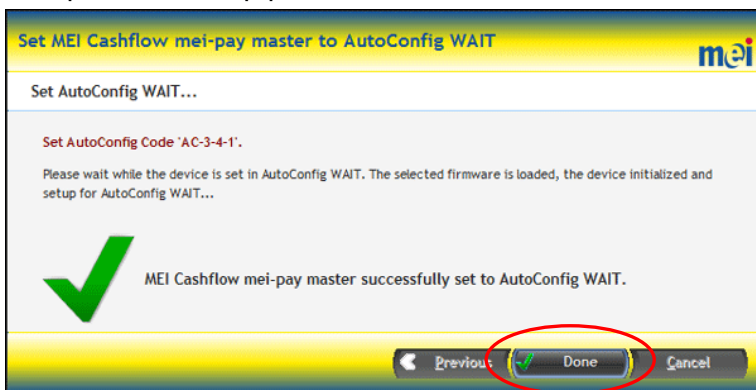
Further select Firmware and confirm with **next**:



Reader will be initialised with AutoConfig Code "AC-3-4-1":

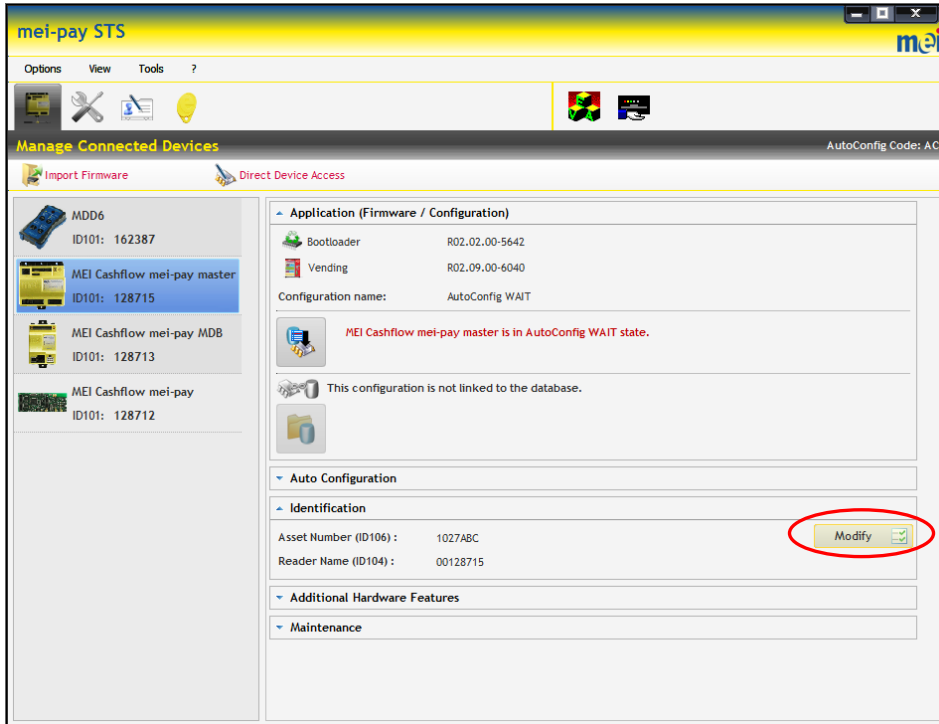


Complete the setup procedure with **Done**.

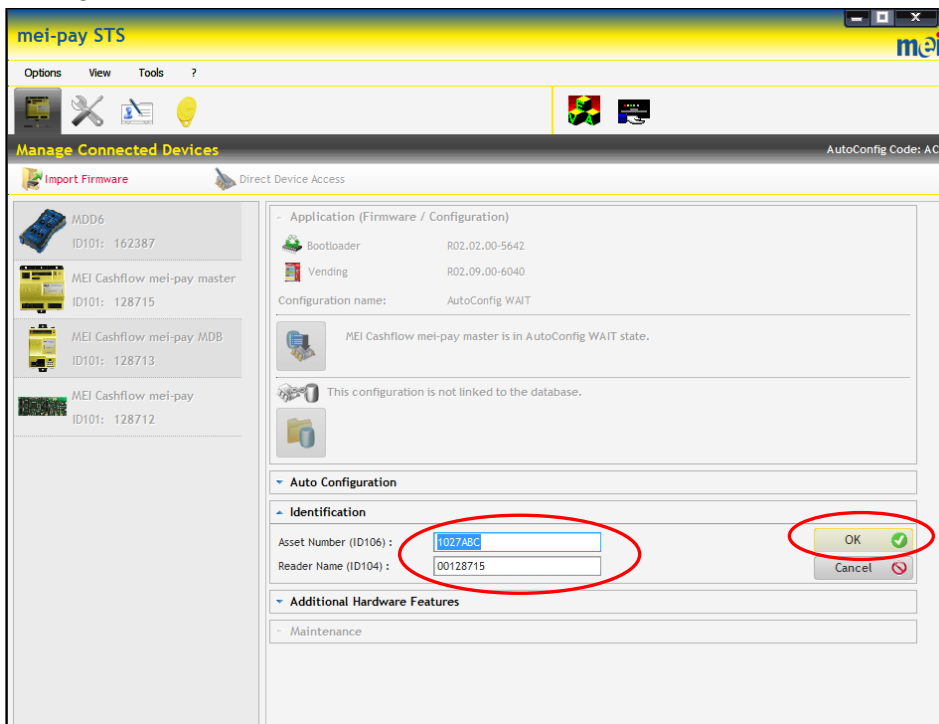


8.6. Reader Identification

The reader identification consists of Asset Number (ID106) and Reader Name (ID104) which can be assigned by the customer. First click on „**Modify**“.



Change the identification data and confirm with „**OK**“.

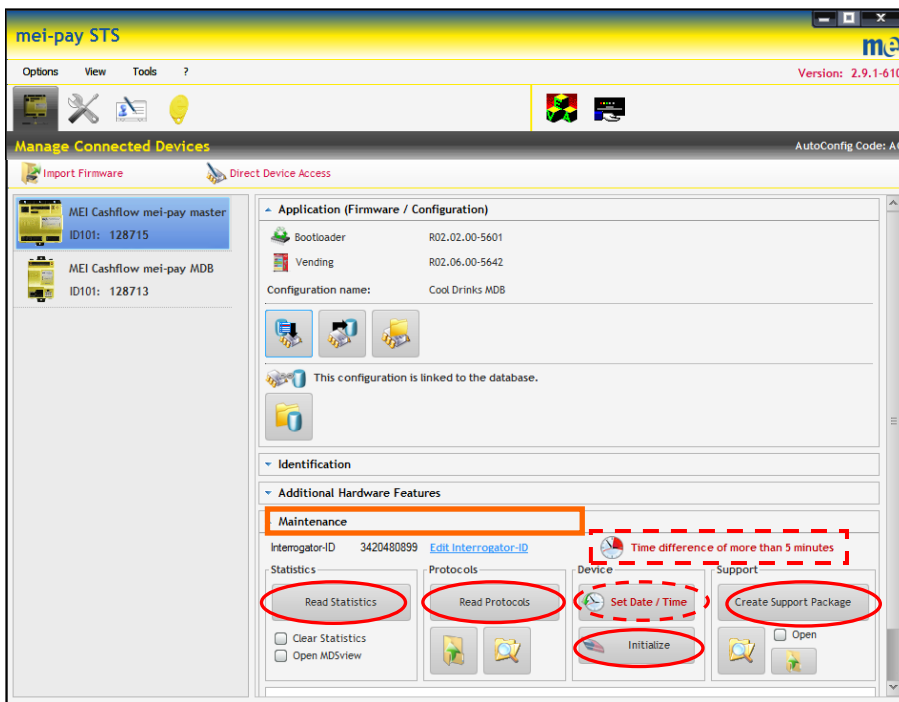


8.7. Reader Maintenance

Mei-pay STS provides powerful functions

- to collect statistics and to store raw EVA-DTS / DEX files
- to read out internal protocols (transaction log)
- to set date / time of reader using computer time
- to initialize reader (statistics, internal protocols, list of blocked users, reader tokens)
- to create / to send a support package

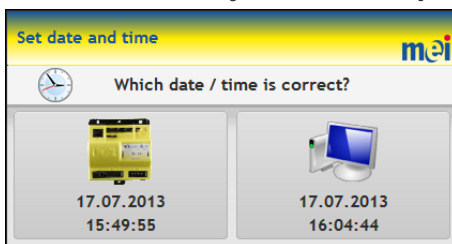
Click on corresponding function to start actions.



If the time difference between reader and PC is more than 5 minutes, a flashing alert will be displayed.

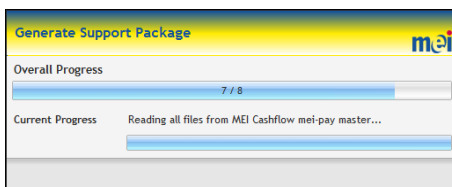
8.7.1. Set Date / Time

Choose *reader symbol* or *computer symbol* to set correct date / time for the reader.



8.7.2. Create Support Package

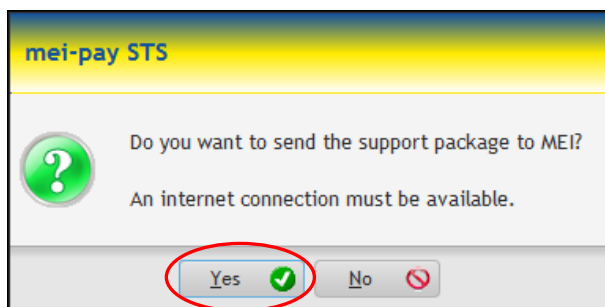
A support package would be required in order to analyse a reader system in full detail. All reader data and reader settings would be compressed to a support package which must be sent to your MEI support center.



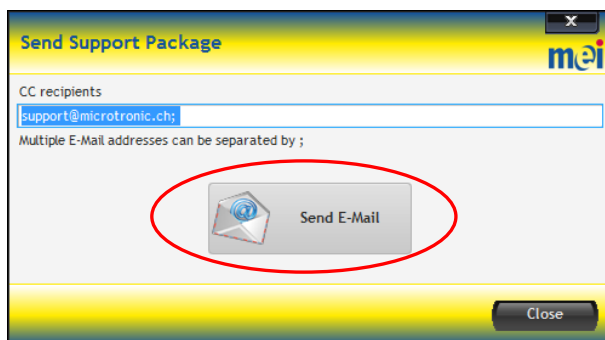
Please always include a detailed description (min. 20 characters) of the problem. Here an example.



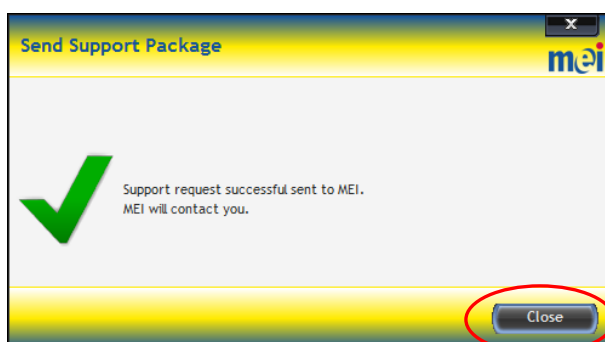
If an Internet connection is available the support package will be automatically sent to your MEI support center. Confirm with **“Yes”**.



Further Carbon Copy (CC) recipients can be added, confirm with **“Send E-Mail”**.

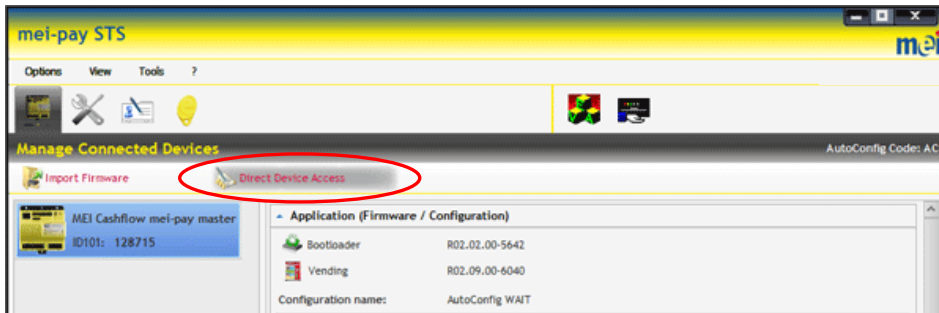


Once the **„support Package“** has been sent you will receive a confirmation.

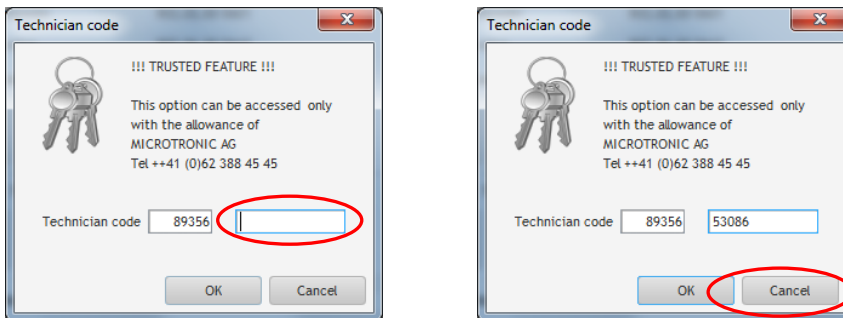


8.8. Direct Reader Access

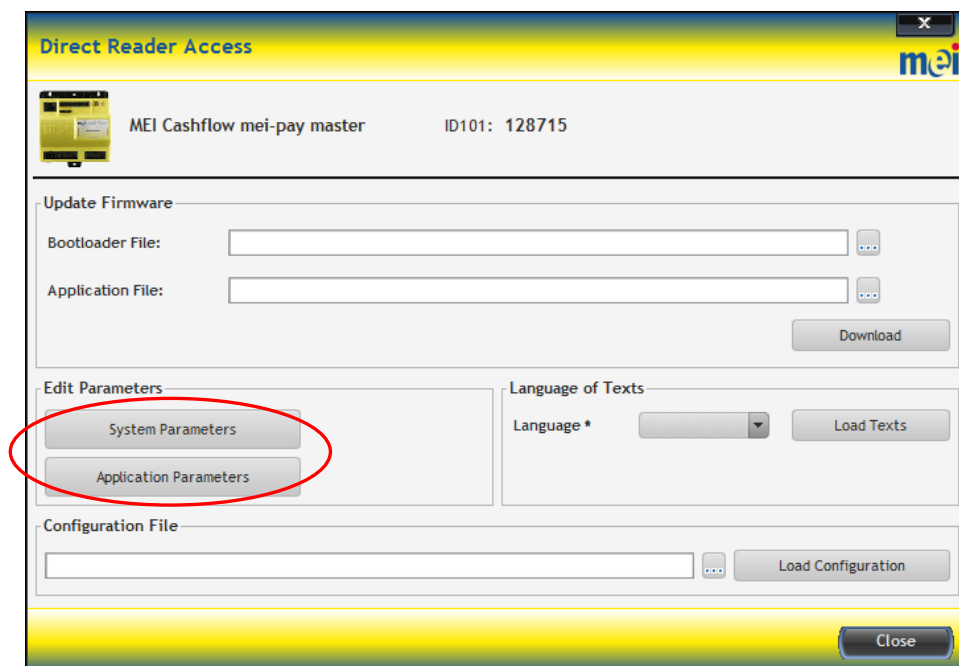
Only those readers are accessible which have a security setting inside the Mei-pay STS license. Any reader with a country code / company code outside of the license range is not accessible. However a direct reader access can be requested from MEI in exceptional cases. A technician code will be displayed for every direct reader access which must be transferred to MEI. An access key will be calculated by MEI. This access key must be entered to gain a one-time access to the reader.



Enter Access code and confirm with OK.



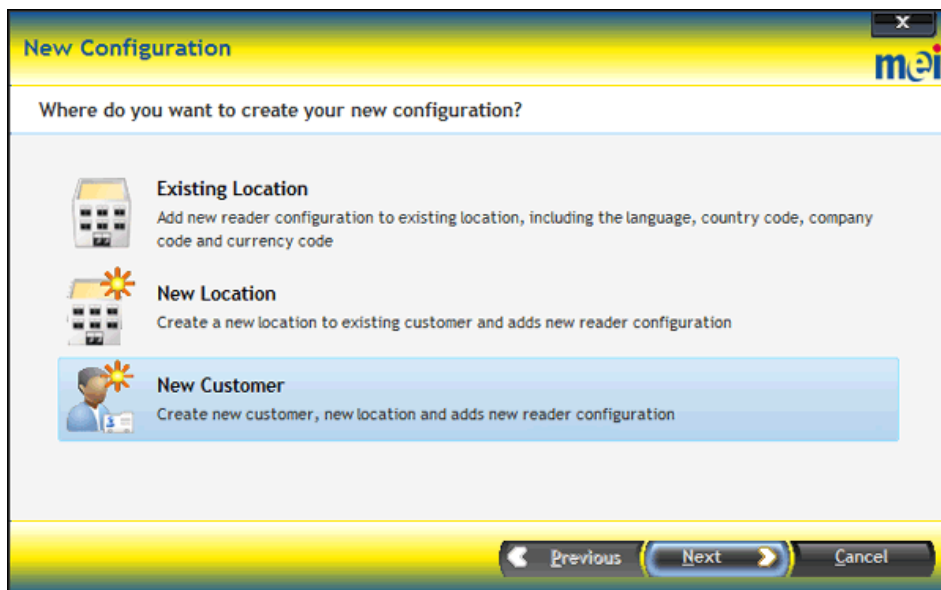
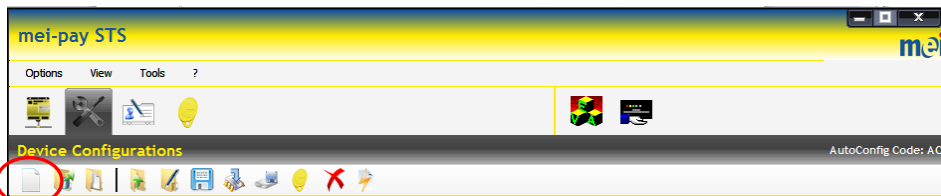
A new window will be opened to directly modify System Parameters / Application Parameters of the connected reader.



9. Main Function: Configuration

9.1. Creating a New Configuration

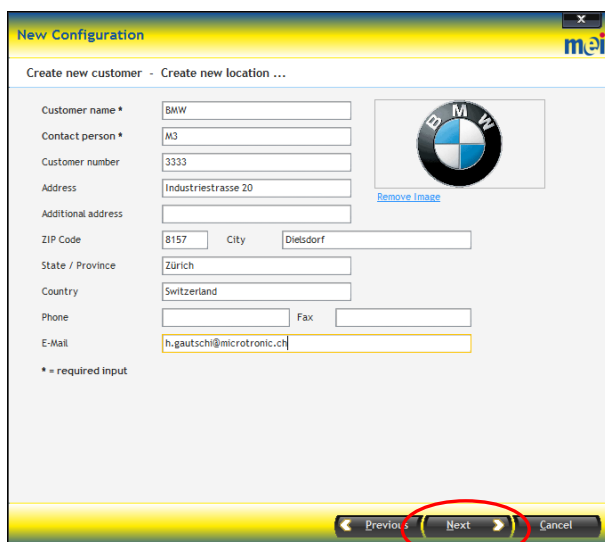
Press „**New**“ to activate the configuration procedure.



The overall process by starting from scratch is described on the following pages. If customers and locations already exist a new configuration can be created in a shorter way.

First press “**New Customer**” and fill in the customer details in the next windows. The tabulator-key can be used to easily switch to the next field.

Confirm and go ahead with “**Next**”:



Enter all fields of the new location in the following window and confirm with **“Next”**:

Customer Name: BMW

Location *: Headquarter

Country code *: 200

Currency code *: GBP (826)

Company Code *: 13

Language *: English

Time zone *: UTC+01:00

Daylight saving time rule *: Europa

Enable AutoConfig for configurations in this location

AutoConfig Code: AC-3-4-1

Customer: Region 1

* = required input

Buttons: Previous, Next, Cancel

Please select *first* the reader application then the reader type and enter a meaningful configuration name in the next window. Then click **“Next”** to continue:

Vending

02.09 Standard (AM008)

01.02 Metro Italy (AM208)

Revalue Station

01.08 (AM002)

M-Protocol

01.07 (AM003)

Data Device

Reader Type *

MEI Cashflow mei-pay

MEI Cashflow mei-pay MDB

MEI Cashflow mei-pay master

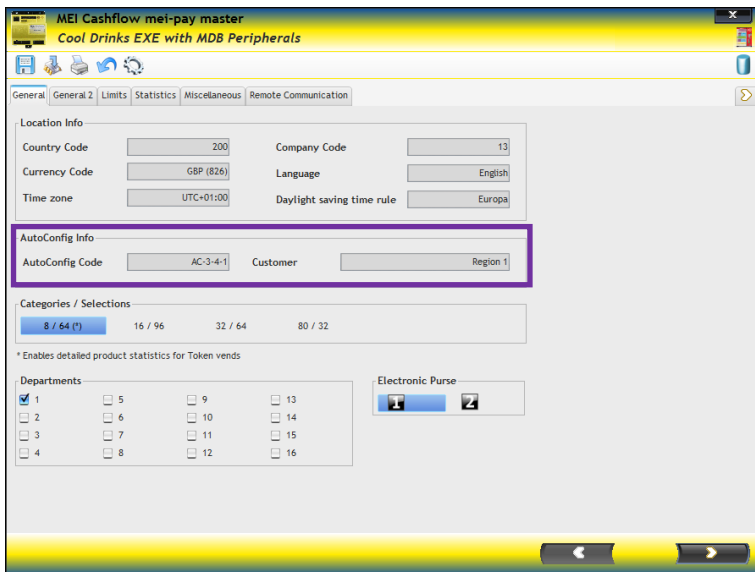
Configuration Name *

Cool Drinks EXE with MDB Peripherals

* = required input

Buttons: Previous, Next, Cancel

The configuration window will be opened showing the first folder **“General”**:



From this point you will be guided over all settings step by step in an interactive mode. Depending on the reader type different settings are available. The detailed configuration settings are described in the separate **TechDoc** document.

If you have modified one or several parameters save the configuration.

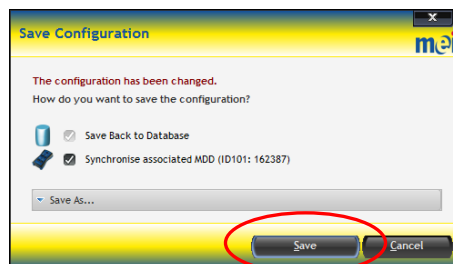
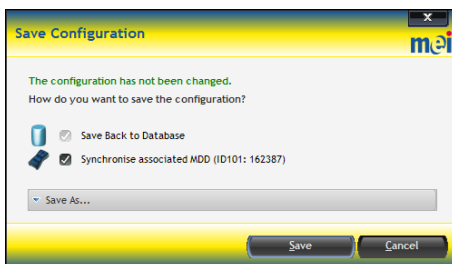


A modified configuration is automatically detected and a red message is displayed.

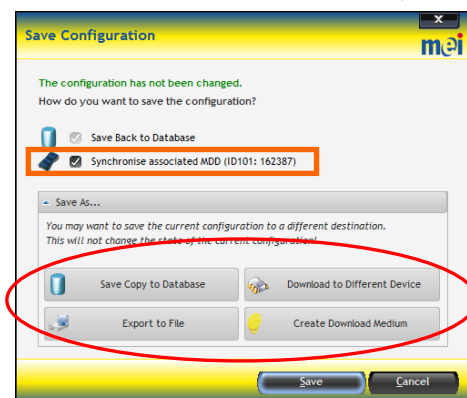
“The configuration has not been changed”

“The configuration has been changed”.

Press **„Save“**



There are four different save options with function **“Save As...”**.

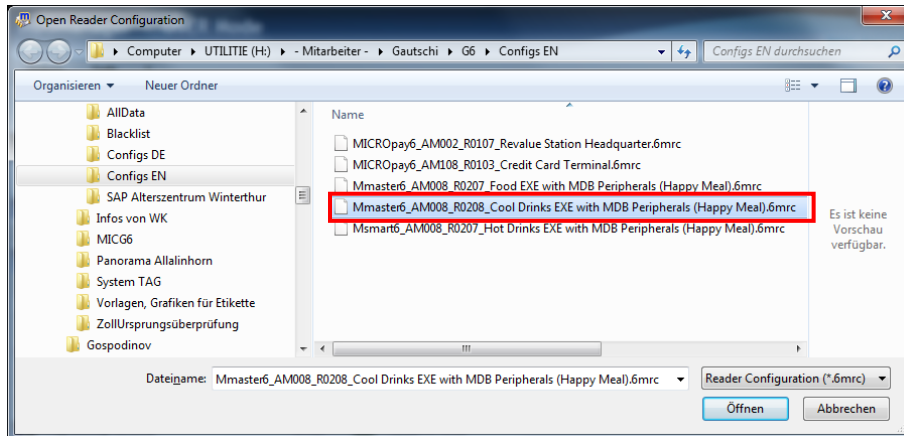


Die Funktion **„Zugehörige MDD synchronisieren“** ist standardmässig eingeschaltet.

- Save a copy to database ...
- Download to a different reader ...
- Export to a file ...
- Create a Download media

9.2. Import a Configuration from File

Press **Import configuration from file to database** in the menu bar, select a configuration from the folder and then press **Open**:

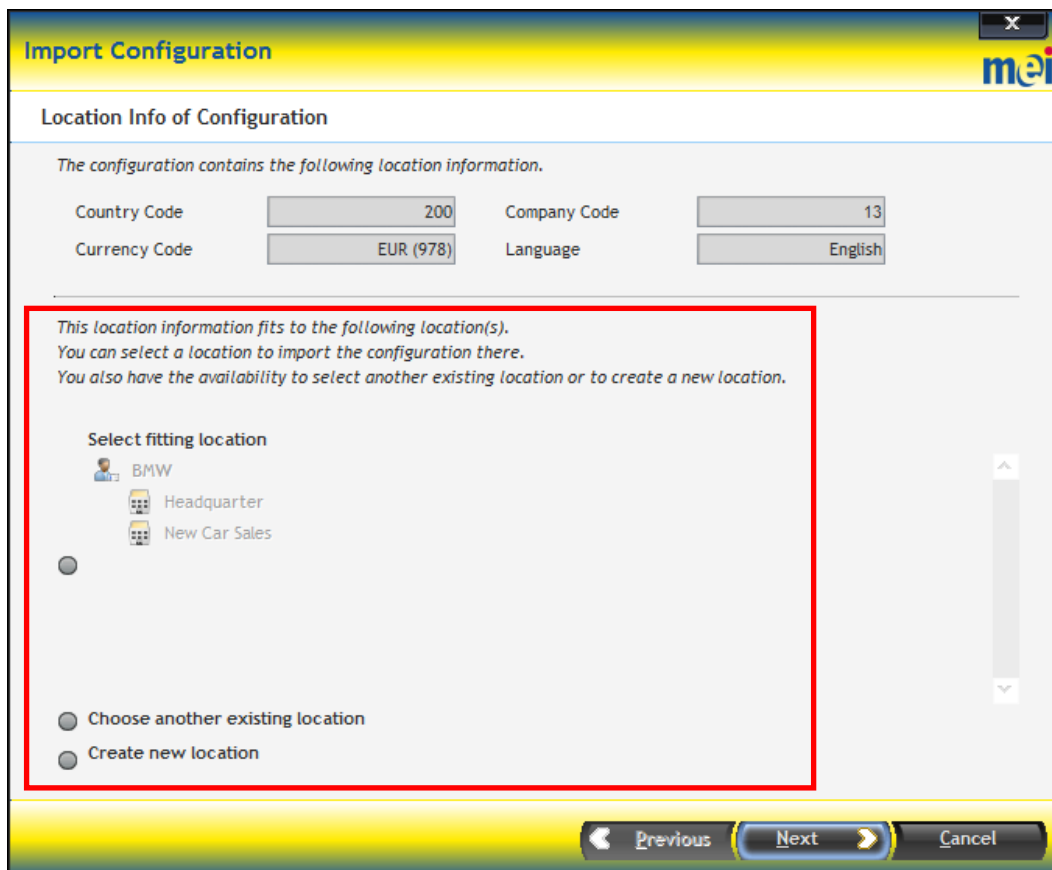


Choose the preferred import conditions:

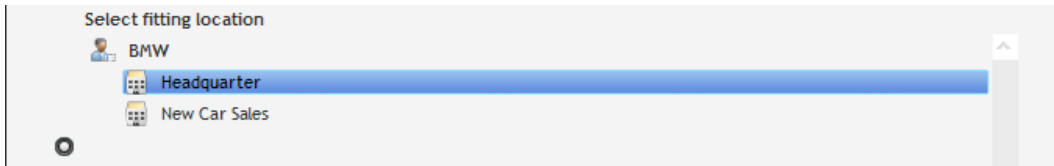
Select fitting location

Choose another existing location

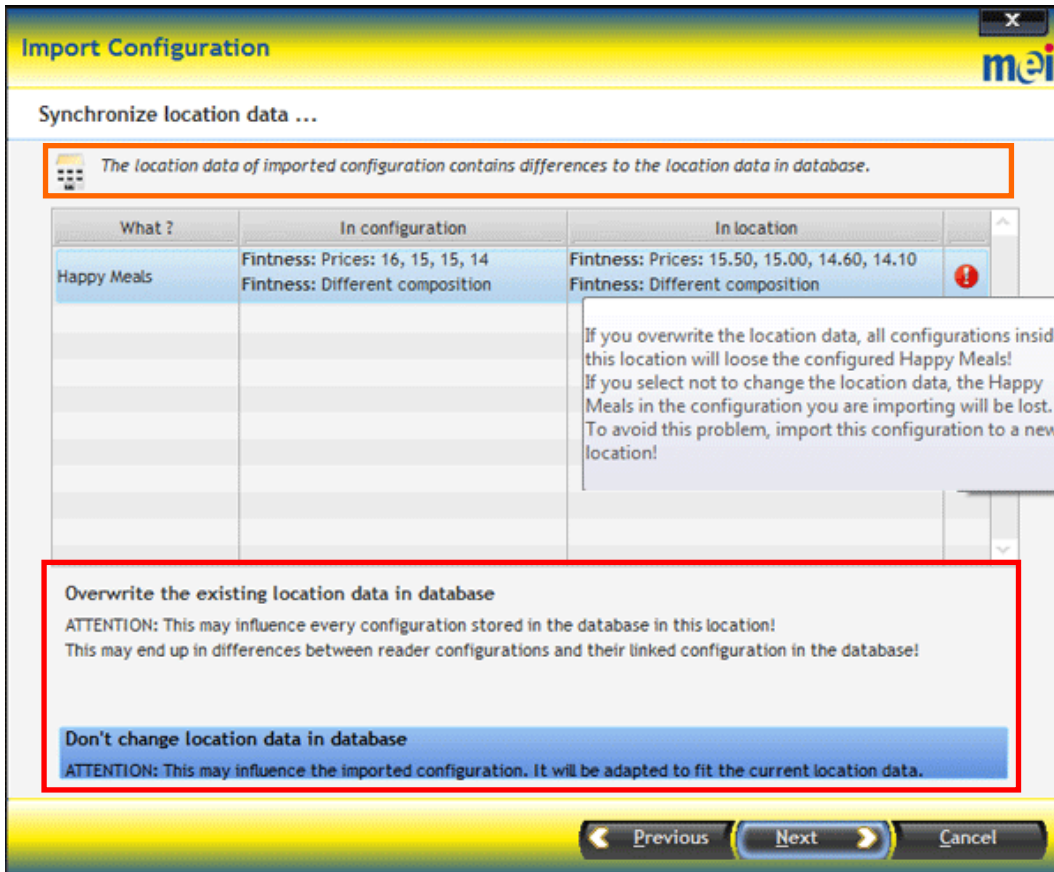
Create new location



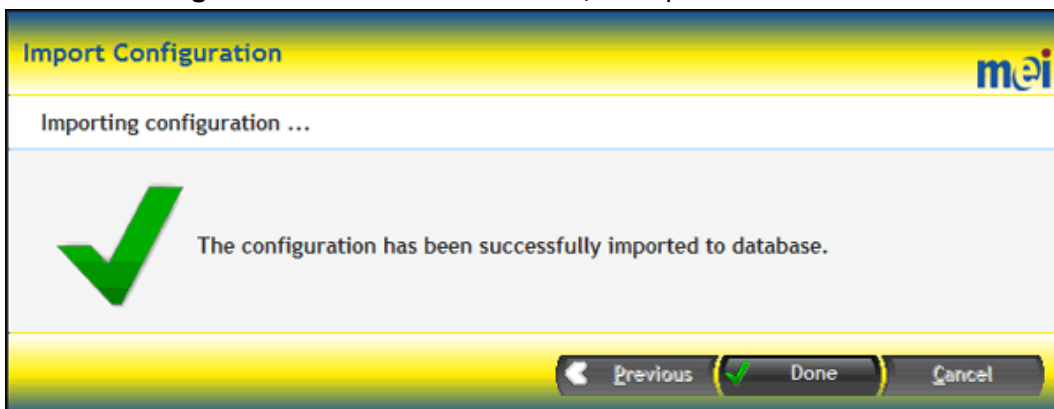
9.2.1. Select fitting location



If different location data is found between the imported data and the database, the window below is opened. You need to confirm, if you want to overwrite the existing data:

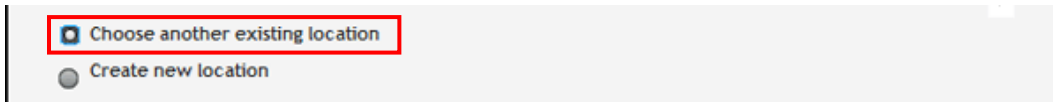


Choose the suitable conditions **Overwrite the existing location data in database** or **Don't change location data in database**, then press **Next**.

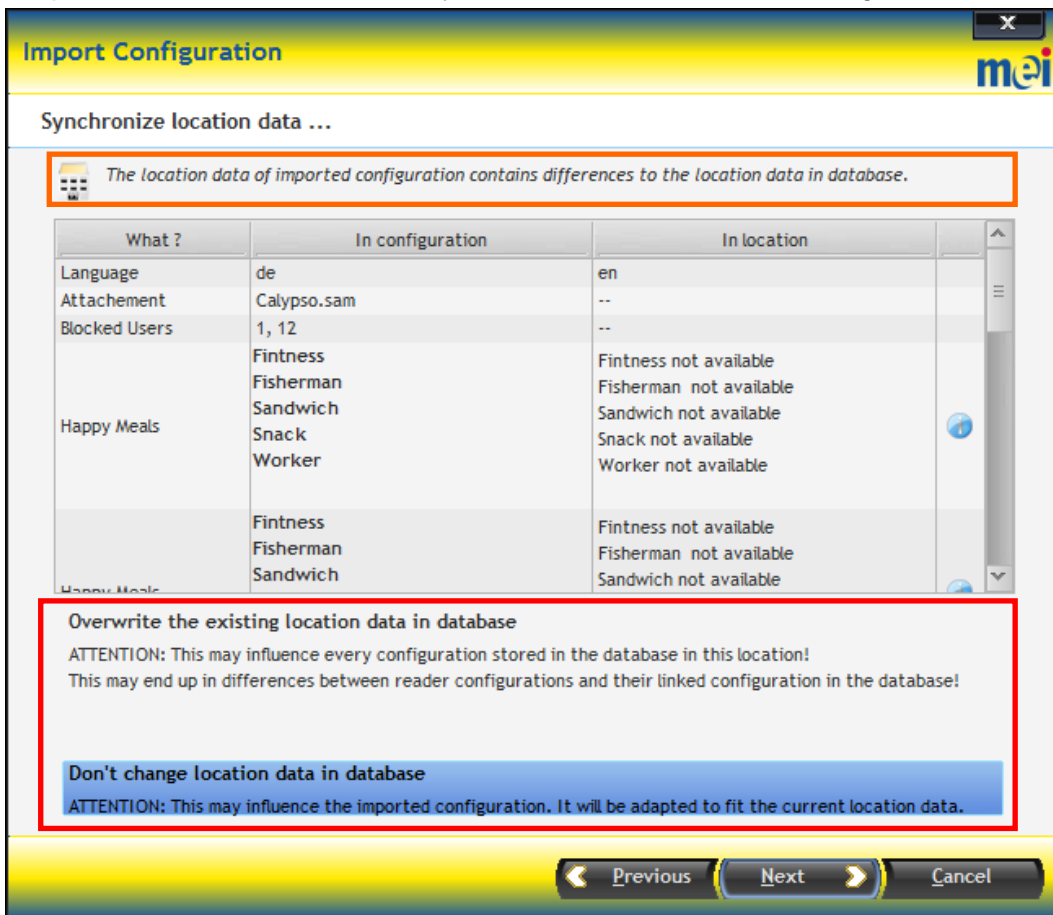


Press **Done** to finish the process.

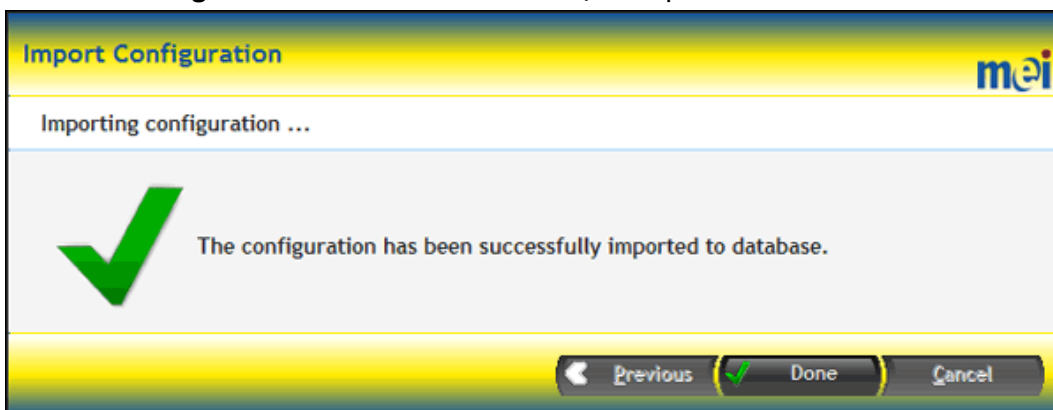
9.2.2. Choose another existing location



If different location data is found between the imported data and the database, the window below is opened. You need to confirm, if you want to overwrite the existing data:



Choose the suitable conditions **Overwrite the existing location data in database** or **Don't change location data in database**, then press **Next**.



Press **Done** to finish the process.

9.2.3. Create new location

Choose another existing location
 Create new location

Select **Existing Customer** or **New Customer** and press **Next**.

Import Configuration

Create new location ...

Where do you want to create your new location?

Existing Customer
Create a new location to existing customer

New Customer
First create a new customer and then a new location

Previous Next Cancel

Choose an existing customer and press **Next**.

Import Configuration

Choose existing customer - Create new location ...

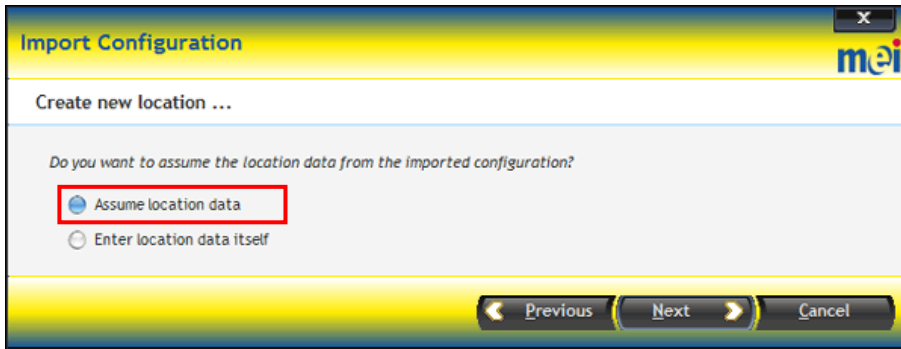
Customer Name: BMW
Address: Industriestrasse 20
ZIP Code: 8157 City: Dielsdorf
Country: Schweiz

Customer Name: Audi
Address:
ZIP Code: 5116 City: Schinznach
Country: Schweiz

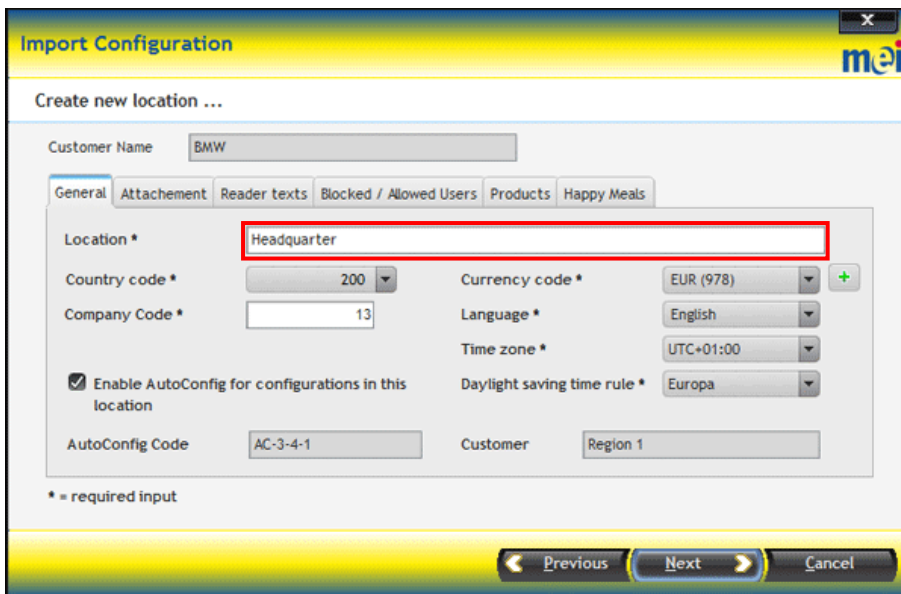
Customer Name: MERCEDES
Address:
ZIP Code: 8952 City: Schlieren
Country: Schweiz

Previous Next Cancel

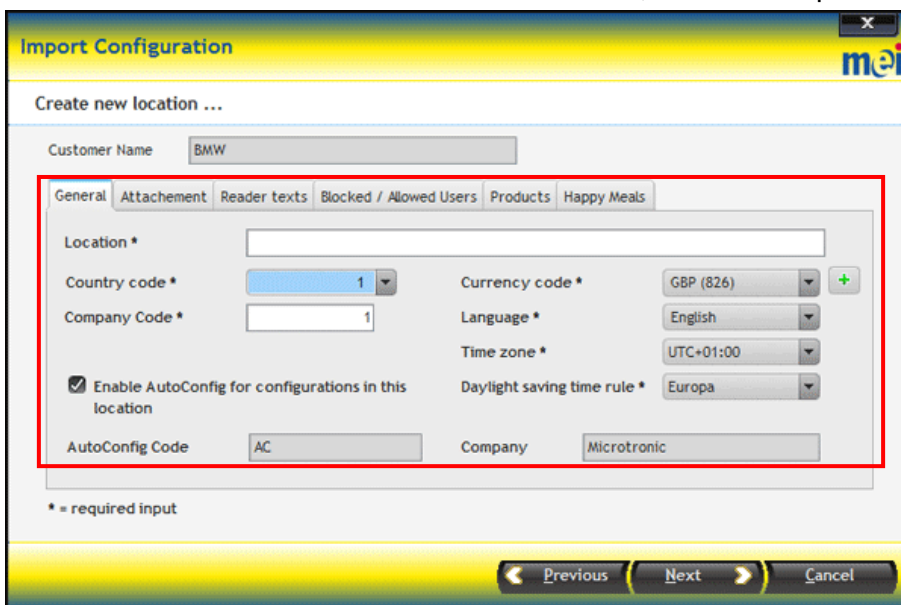
Import the location data (assume) and press **Next**.



Enter a new location name and press **Next**.

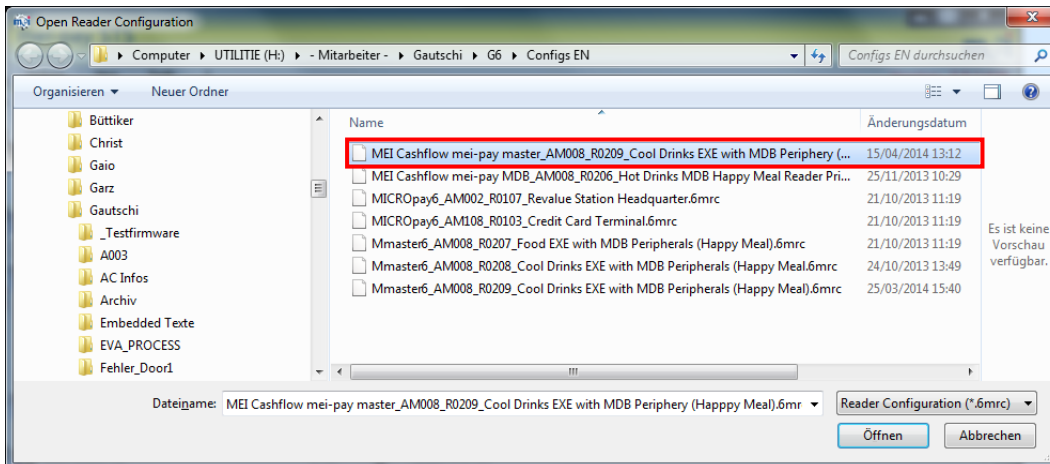


If **Enter location data itself** was selected before, enter the requested data and press **Next**.

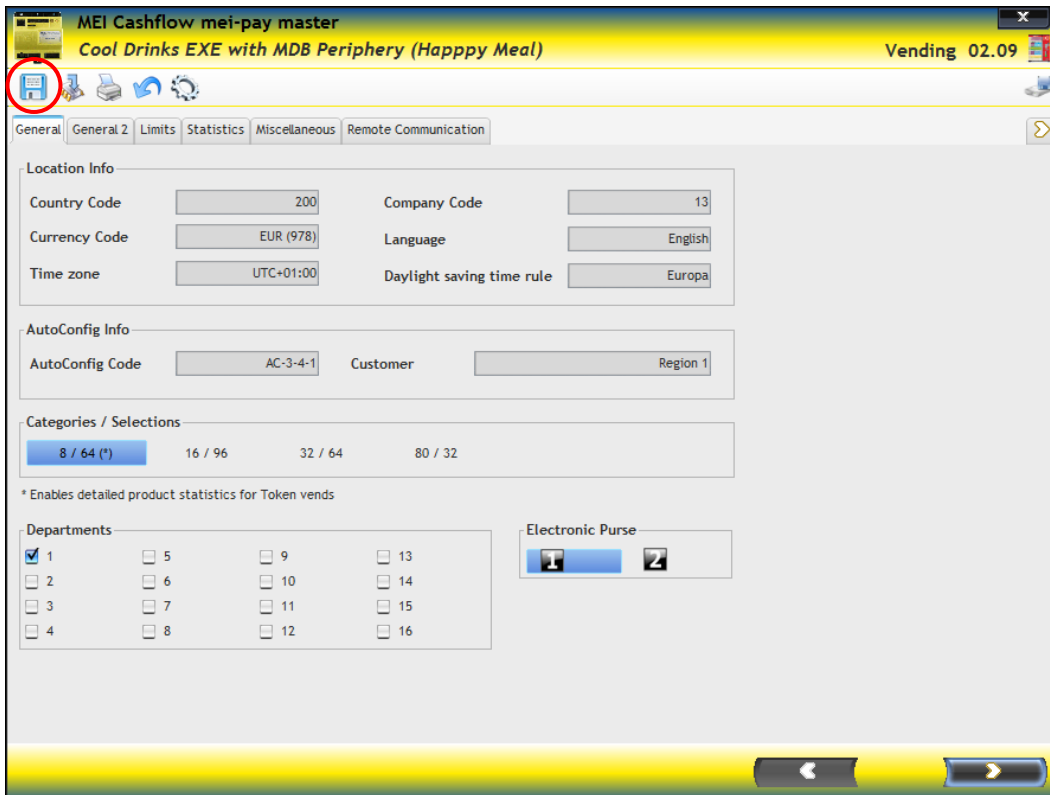


9.3. Open a Configuration from File

Press **Open Configuration from File** button in the menu bar, select a configuration from the folder and press **Open**:



Edit the settings and save it.



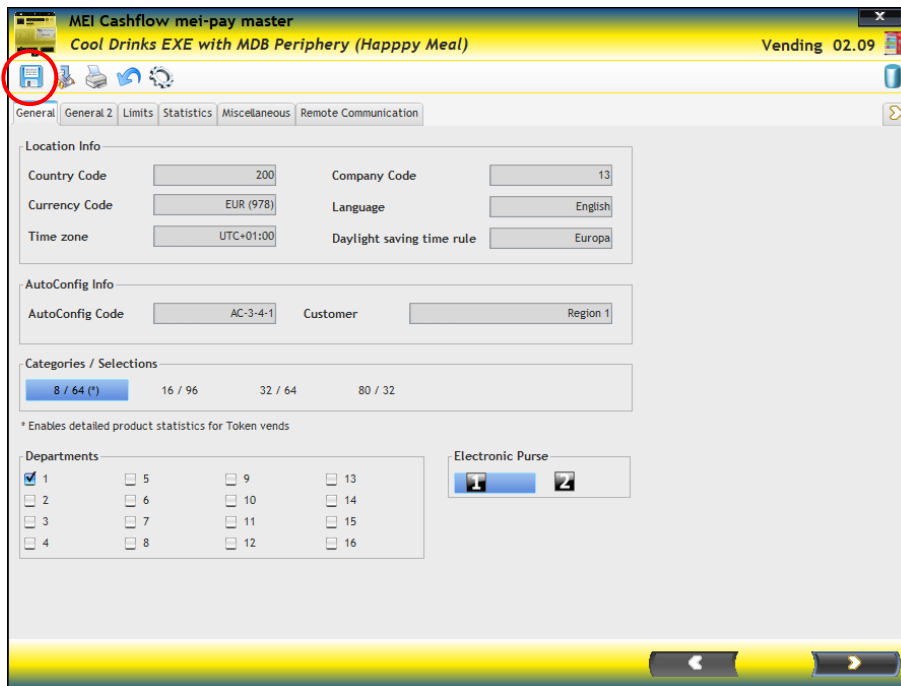
The detailed description for each tab is available in the document G6_TechDoc.

9.4. Open a Configuration to Edit

Select a configuration from the list and press the **Open** button in the menu bar, or use the right-click context menu with the mouse to open the configuration:



Edit the settings and save it.



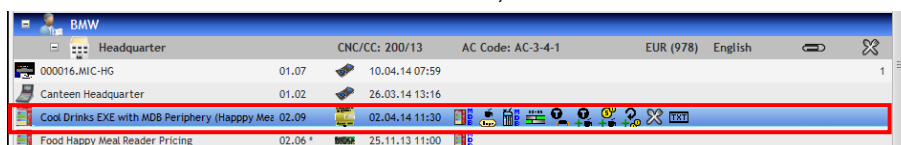
The detailed description for each tab is available in the document G6_TechDoc.

9.5. Rename a Configuration

Select a configuration from the list and press the **Rename** button in the menu bar, or use the right-click context menu with the mouse to rename the configuration:

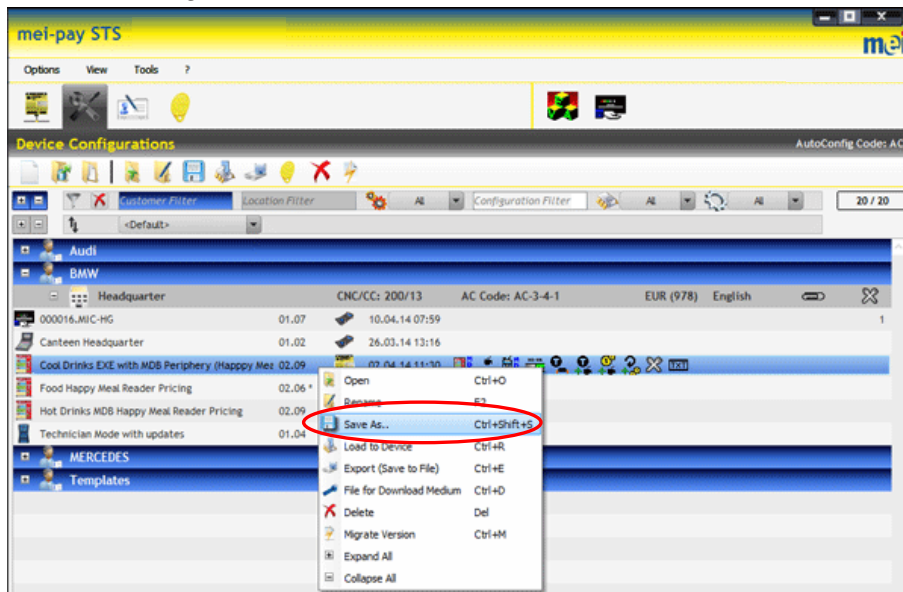


The name field is activated to rename, confirm and close with **Enter** or **Esc**.

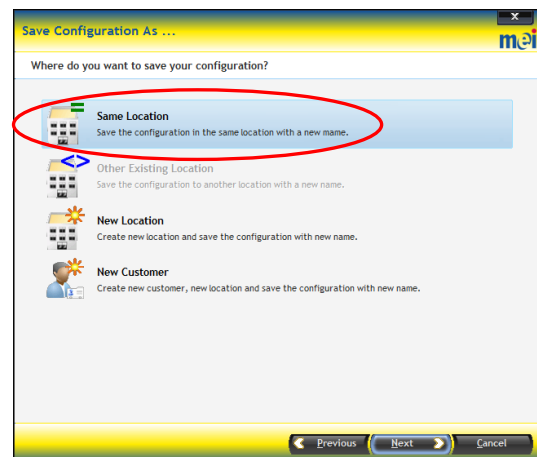
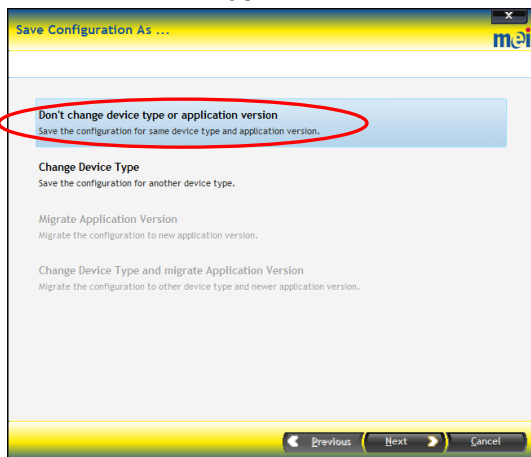


9.6. Making a Copy of an Existing Configuration

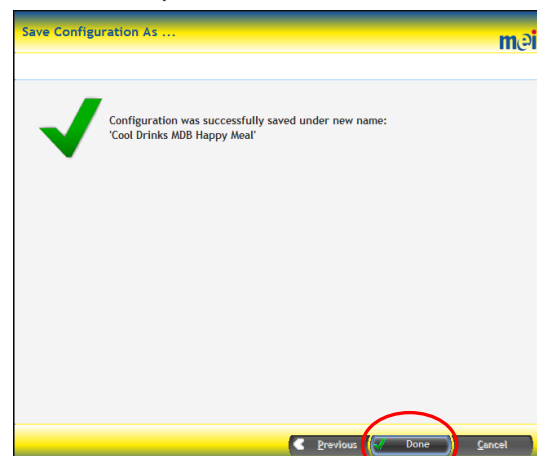
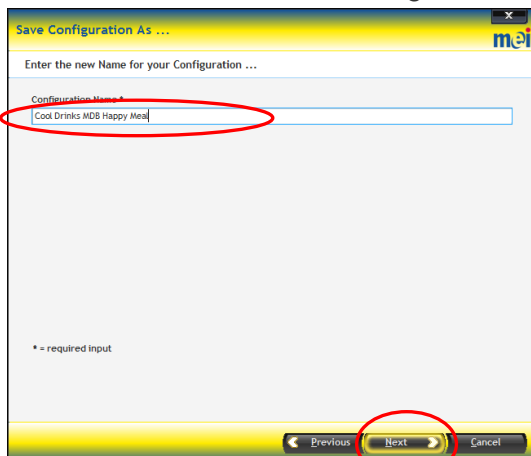
Select a configuration from the list and then click on „Save as...“



Select „Reader type“ and „Location“ ...

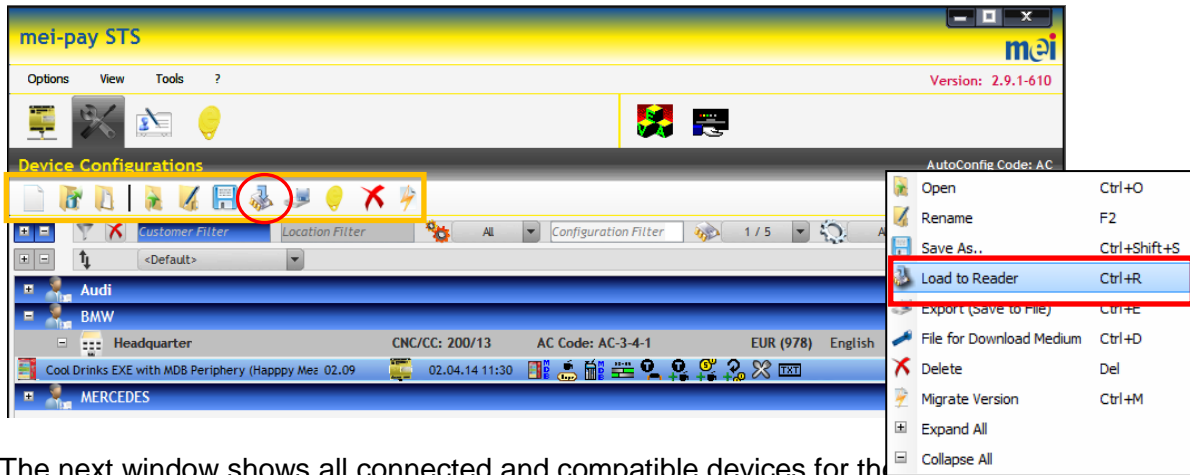


Enter a new name for the configuration, confirm and finish the process:

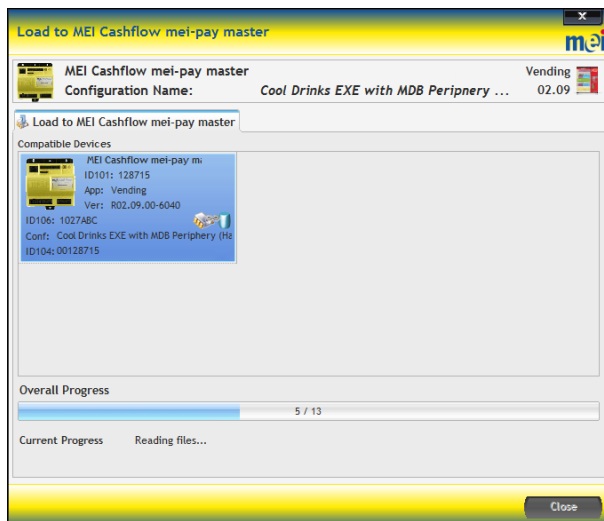
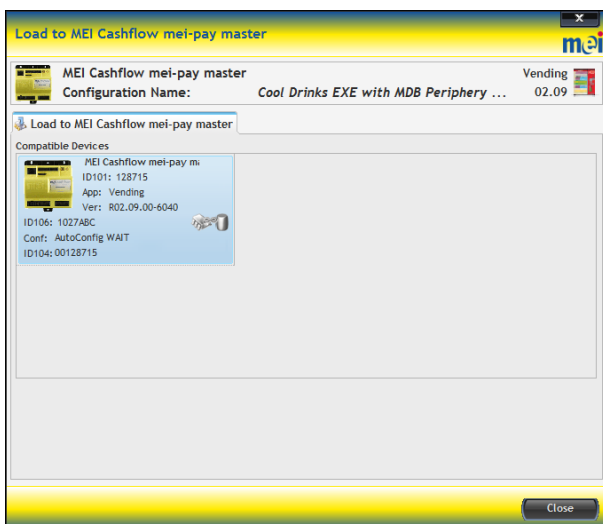


9.7. Load a Configuration to a Device

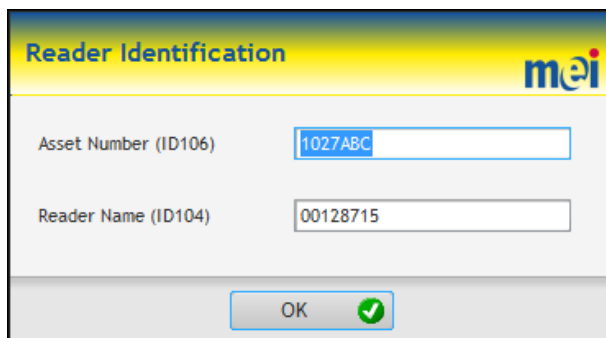
Select a configuration from the list and press the **Load to Device** button in the menu bar, or use the right-click context menu with the mouse:



The next window shows all connected and compatible devices for the selected configuration. Click on the corresponding device to start the process:

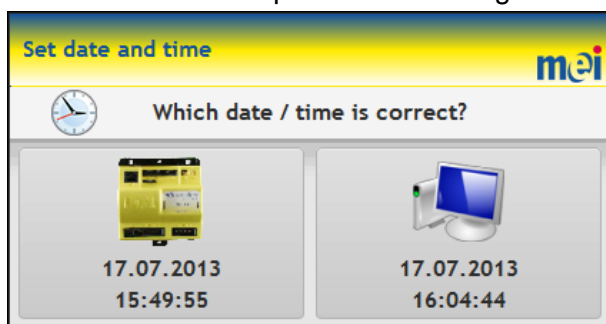


Then the device identification ID106 and ID104 can be set (or left blank).



The dialog box is titled "Reader Identification" and features the MEI logo in the top right corner. It contains two input fields: "Asset Number (ID106)" with the value "1027ABC" and "Reader Name (ID104)" with the value "00128715". At the bottom, there is an "OK" button with a green checkmark icon.

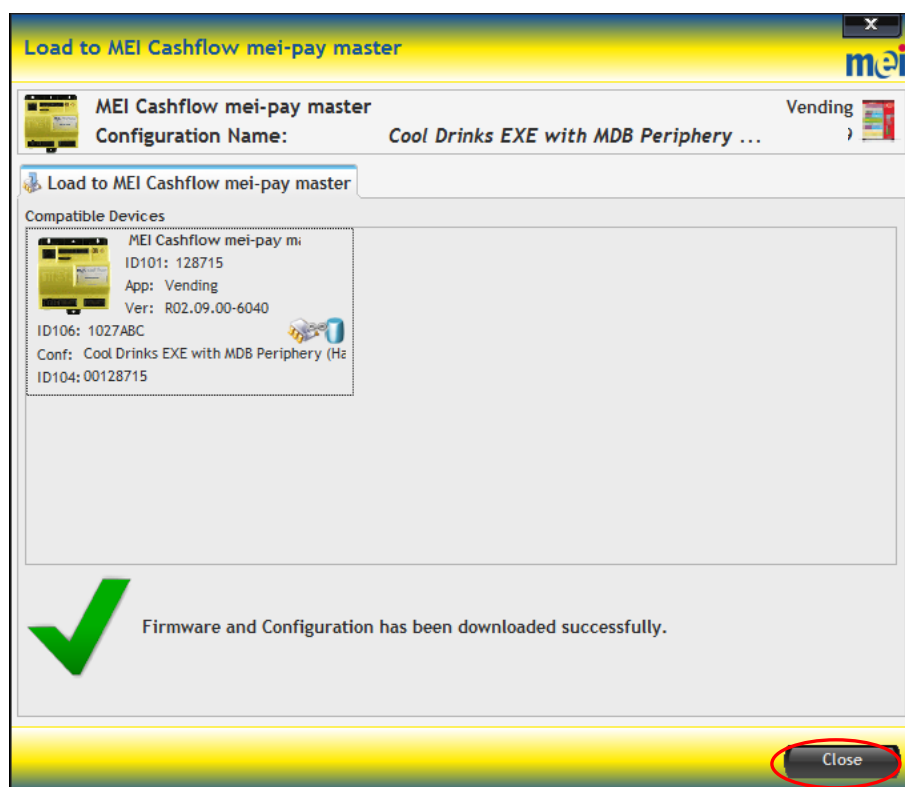
Every G6 device has a battery supported real time clock (RTC). This means that the device maintains accurate date/time permanently (either powered by the VMC or by the included battery). If mei-pay STS detects a time difference between the RTC of the device and the date/time of the computer the following message is displayed.



The dialog box is titled "Set date and time" and features the MEI logo in the top right corner. It asks "Which date / time is correct?" and shows two options. The left option shows a clock icon and the date/time "17.07.2013 15:49:55". The right option shows a computer monitor icon and the date/time "17.07.2013 16:04:44".

Select the correct time:

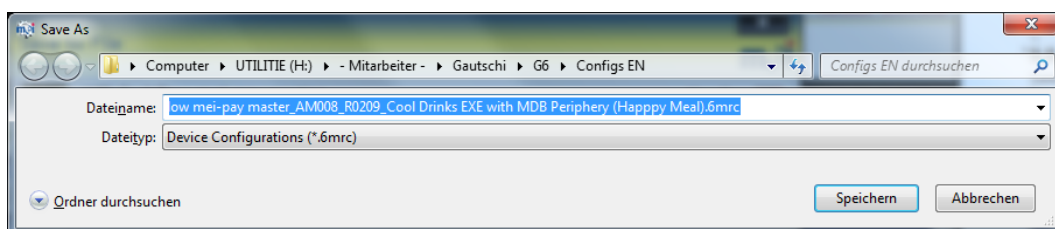
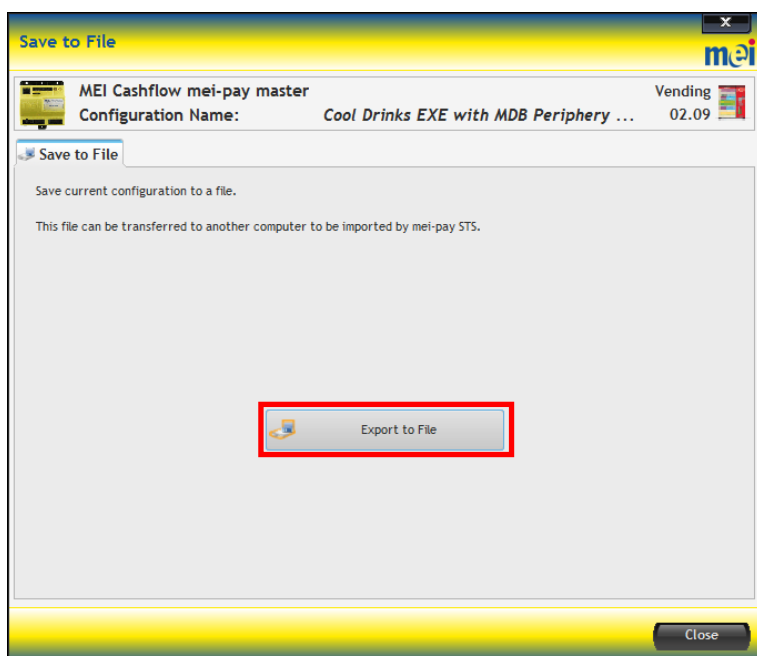
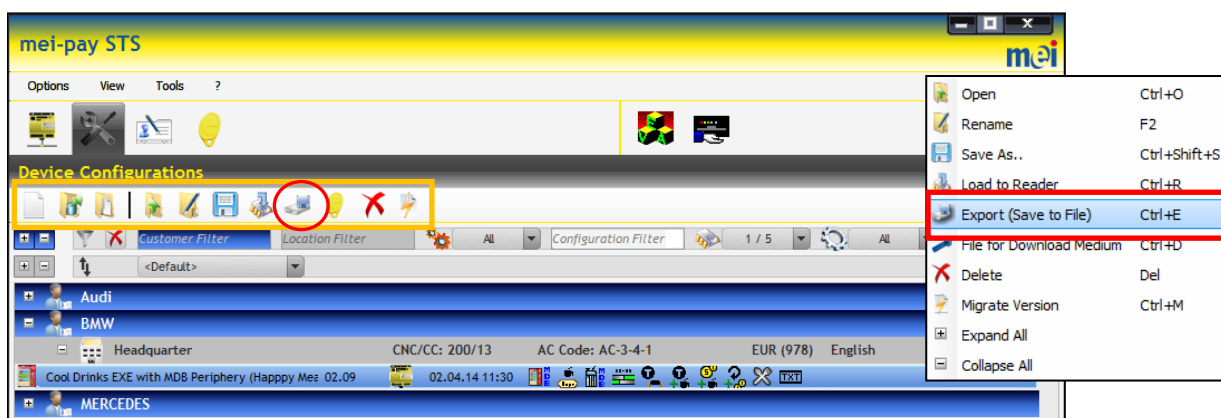
The following screen appears when loading is finished and the configuration is stored in the device. Click on the **Close** button to terminate the procedure.



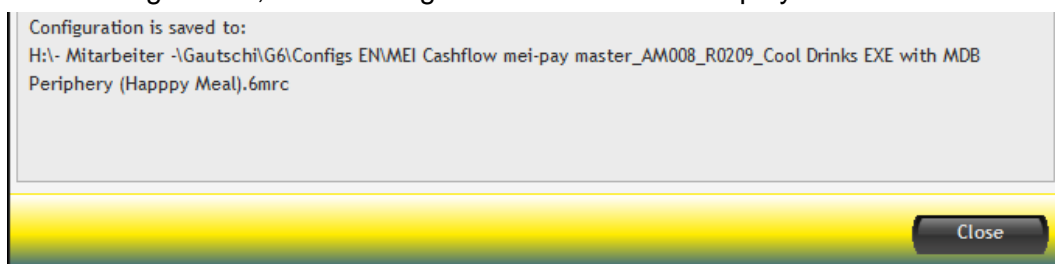
The dialog box is titled "Load to MEI Cashflow mei-pay master" and features the MEI logo in the top right corner. It displays the configuration name "Cool Drinks EXE with MDB Periphery ..." and a "Vending" icon. Below this, it shows the device details: "MEI Cashflow mei-pay m", "ID101: 128715", "App: Vending", "Ver: R02.09.00-6040", "ID106: 1027ABC", and "Conf: Cool Drinks EXE with MDB Periphery (H)", "ID104: 00128715". A large green checkmark is displayed on the left, and the text "Firmware and Configuration has been downloaded successfully." is shown in the center. At the bottom right, there is a "Close" button circled in red.

9.8. Export a Configuration to a File

Select a configuration from the list and press the **Export to File** button in the menu bar, or use the right-click context menu with the mouse:

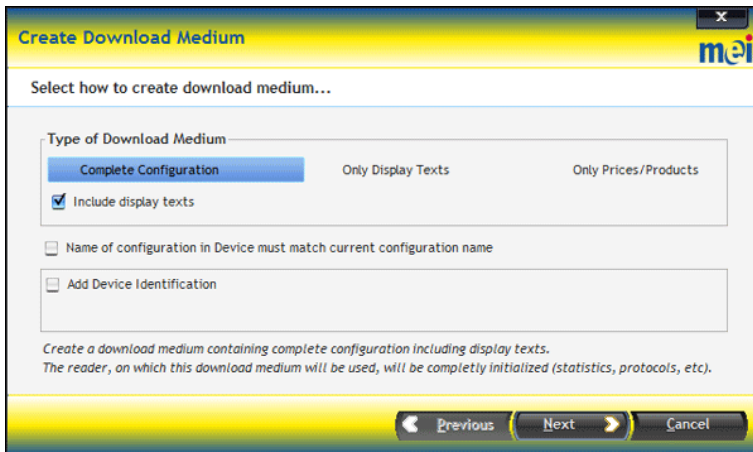
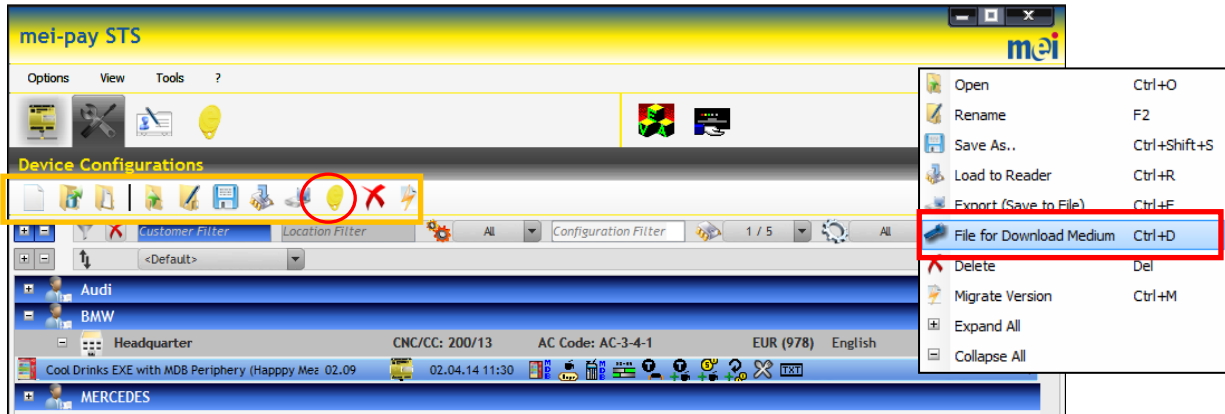


After saving the file, the following confirmation will be displayed:



9.9. Create Download Medium

Select a configuration from the list and press the **File for Download Medium** button in the menu bar or use the right-click context menu with the mouse:



Set the type of download medium and confirm with **Next**:

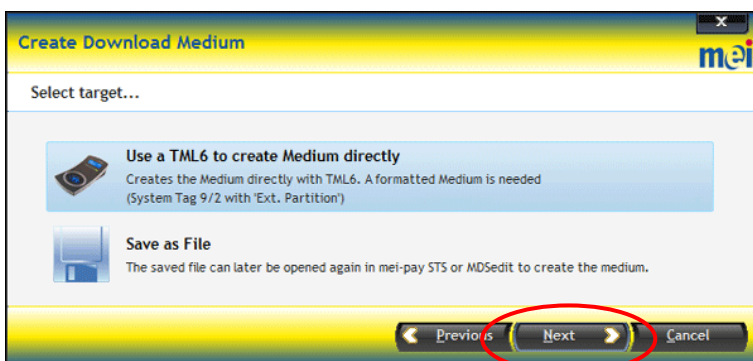
- **Complete Configuration**
- **Only Display Texts**
- **Only Prices/Products**

If **Name of Configuration in Device must match current configuration name** is selected, the download medium will be accepted only by corresponding devices.

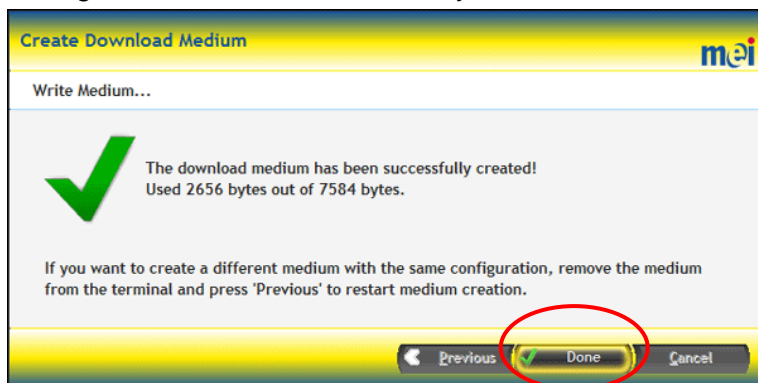
If **Add Device Identification** Asset Number (ID106) or Device Name (ID104) is selected, only the corresponding device accepts the download medium.

9.9.1. Create Download Medium direct

Present Download medium on the TML6 and click **Next**:

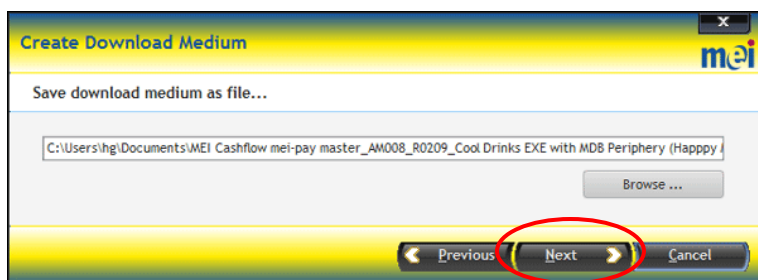
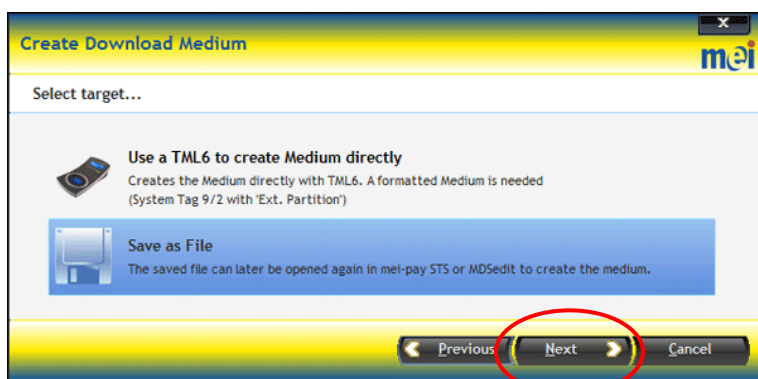


Configuration is written immediately on download media:



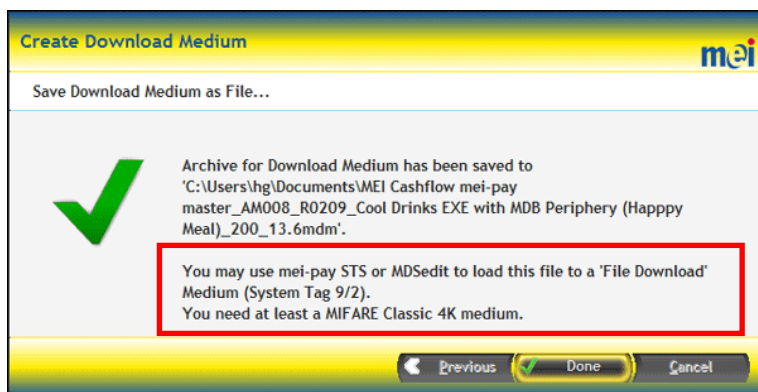
Close the procedure by clicking **Done**.

9.9.2. Save download data to file



Confirm the default directory by clicking **Next** or select another directory:

After saving the download file, it shows a message which download medium is required:

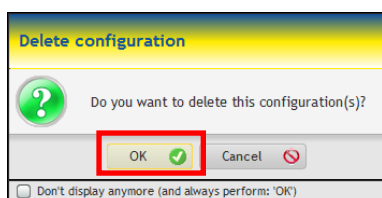
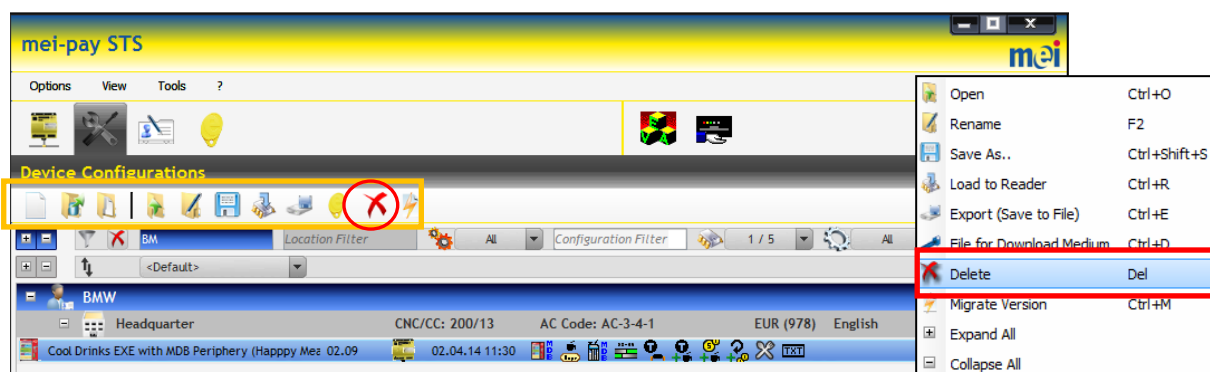


e.g. „*You need at least a MIFARE Classic 4K medium*“

Load the file with MDSedit to download medium, **detailed description** → **G6_TechDOC**.

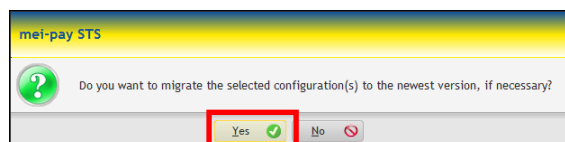
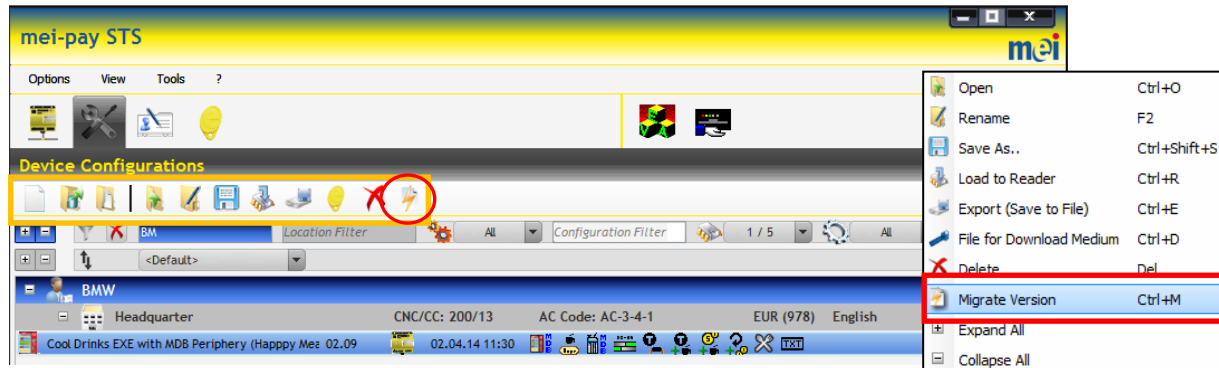
9.10. Delete a Configuration

Select a configuration from the list and press the **Delete** button in the menu bar, or use the right-click context menu with the mouse:

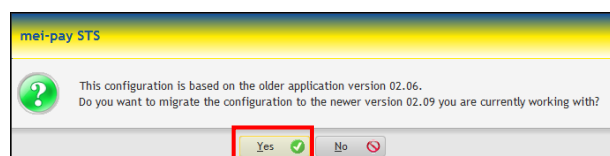
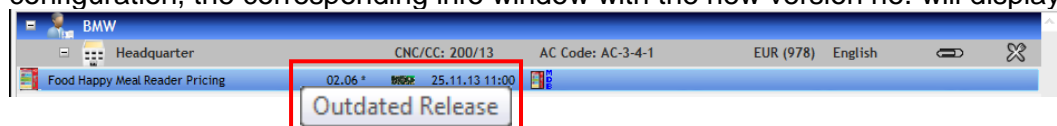


9.11. Migrate a Configuration Version

Select a configuration from the list and press the **Migrate Version** button at the menu bar, or use the right-click context menu with the mouse:





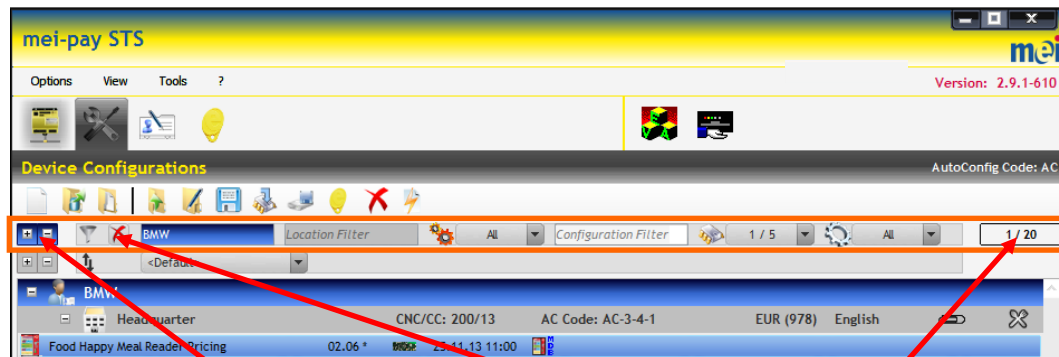
An **Outdated Release** will be marked with * after the version number. Double-click on the configuration, the corresponding info window with the new version no. will be displayed:



9.12. Search Configurations by Filter

If you have a lot of configurations, it's helpful to use the search filters below:

- **Customer Filter**
- **Location Filter**
- **Configuration Filter**
-  All Filter by application type
-  All Filter by machine type



mei-pay STS
Version: 2.9.1-610
AutoConfig Code: AC

Customer Filter: BMW
Location Filter: <Default>
Configuration Filter: All
Number of Devices: 1 / 5
Page: 1 / 20



Food Happy Meal Reader Pricing 02.06 * 25.11.13 11:00

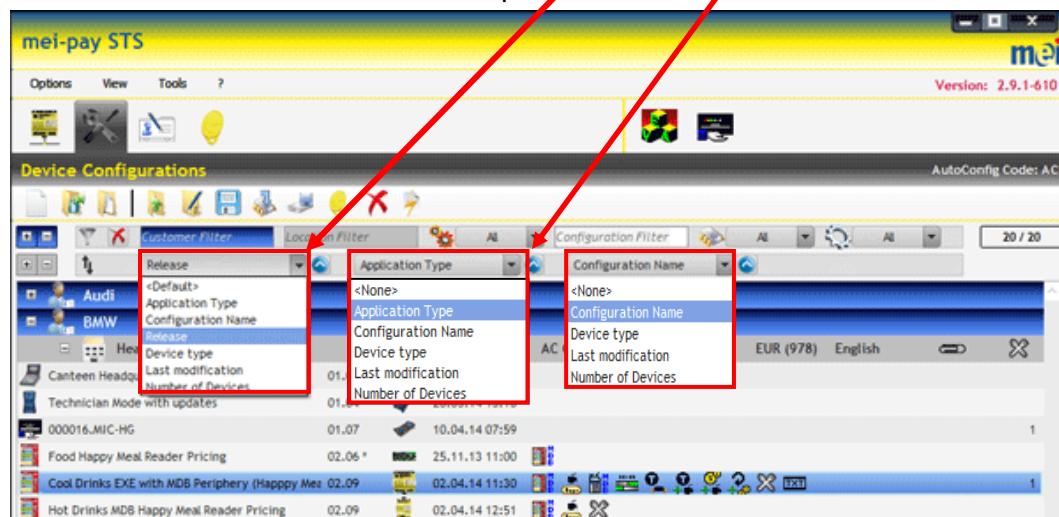
All customers, configuration open/close

Reset all filters

Displayed configurations (1) of (24)

9.13. Sorting Configurations

Use the buttons below to set criteria up  or down .



mei-pay STS
Version: 2.9.1-610
AutoConfig Code: AC

Customer Filter: Audi
Location Filter: <Default>
Configuration Filter: All
Number of Devices: 20 / 20

Release
Application Type
Configuration Name
Device type
Last modification
Number of Devices

Application Type
<None>
Application Type
Configuration Name
Device type
Last modification
Number of Devices

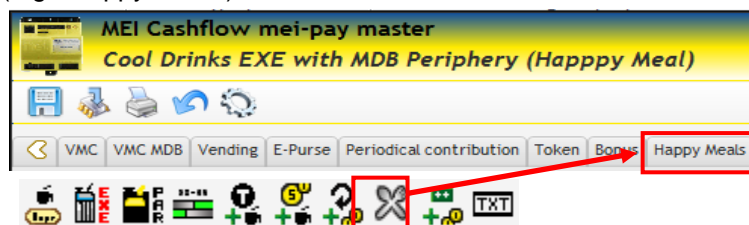
Configuration Name
<None>
Configuration Name
Device type
Last modification
Number of Devices

01.07 10.04.14 07:59 1
000016.MIC-HG
Food Happy Meal Reader Pricing 02.06 * 25.11.13 11:00
Cool Drinks EXE with MDB Periphery (Happy Meal) 02.09 02.04.14 11:30 1
Hot Drinks.MDB Happy Meal Reader Pricing 02.09 02.04.14 12:51

9.14. Configuration Symbols

The symbol overview shows you directly the activated functions depending on the parameters which have been set in the configuration.

(e.g.: Happy-Meals)



MEI Cashflow mei-pay master
Cool Drinks EXE with MDB Periphery (Happy Meal)

VMC VMC MDB Vending E-Purse Periodical contribution Token Bonus Happy Meals

Happy Meals

9.15. Filter by selected settings

Open the drop down menu **All** and activate the filter by double clicking to the symbol of the requested function. The symbol moves to the right side to the column **selected**:




























Double click a symbol, e.g. **Happy Meal** and confirm




(Un-)Select by Double Click

To deselect the filter double click the symbol in the selected list and confirm.

(Un-)Select by Double Click

9.16. Symbol Description

| Symbol | Description / <i>Configuration reference</i> |
|---|--|
|  | VMC Type set to EXE / <i>VMC (Machine Type)</i> |
|  | VMC Type set to MDB / <i>VMC (Machine Type)</i> |
|  | Revalue Rate enabled / <i>Revaluation Rewards (Rewards Payout Type)</i> |
|  | Revaluation of a Periodical contribution enabled / <i>Periodical contribution (Revalue Period)</i> |
|  | Revalue to e-purse disabled / <i>E-Purse (Revalue to electronic purse)</i> |
|  | Revaluation enabled / <i>Bonus (Bonus Generation)</i> |
|  | Vend enabled / <i>Bonus (Bonus Vend)</i> |
|  | Vend and Revaluation enabled / <i>Bonus (Bonus Vend, Bonus Generation)</i> |
|  | Vend of Reader Tokens enabled / <i>Vending (Reader Token)</i> |
|  | Revaluation enabled / <i>Token (Revalue Period)</i> |
|  | Vend enabled / <i>Token (Token Vend)</i> |
|  | Vend and Revaluation enabled / <i>Token (Token Vend, Revalue Period)</i> |
|  | Parallel Acceptor enabled / <i>Peripherals (Parallel Coin Acceptor)</i> |
|  | EXE enabled / <i>Peripherals (Peripherals, EXE Settings)</i> |
|  | MDB Change giver enabled / <i>Peripherals (Peripherals, MDB Settings, MDB Change giver)</i> |
|  | MDB Bill validator enabled / <i>Peripherals (Peripherals, MDB Settings, MDB Bill validator)</i> |
|  | MDB Reader activated / <i>Peripherals (Peripherals, MDB Reader)</i> |
|  | QR Code reader (MDS Connector) enabled / <i>2D Code Scanner (2D Code Scanner)</i> |
|  | Removal of Cashbox generates file of statistics/ <i>Peripherals (Stacker Checking)</i> |
|  | Happy Meals activated / <i>Happy Meals (Happy Meals)</i> |
|  | Download Services enabled/ <i>Download Services</i> |
|  | Upload Services enabled / <i>Upload Services</i> |
|  | Download and Upload Services enabled / <i>Download Services, Upload Services</i> |
|  | Product / Price configuration on reader enabled / <i>E-Purse</i> |
|  | Remote Communication (MDS, DDCMP, IrDA) disabled/ <i>Remote Communication</i> |
|  | Time Window enabled / <i>Time Windows</i> |
|  | Advertising Text enabled/ <i>Miscellaneous</i> |

| Symbol | Description / <i>Configuration reference</i> |
|---|--|
|  | Maximum balance applies to E-Purse, only / <i>Limits</i> |
|  | Deposit active / <i>Deposit</i> |
|  | Connection Typ set to Parallel / <i>Parallel</i> |

10. Main Function: Management

10.1. Managing Customers

The customer database contains all customers. New customers can be added with function **“New Customer”**. Select a customer and press **„Modify“** to change data.

The screenshot shows the 'mei-pay STS' Management interface. At the top, there is a menu bar with 'Options', 'View', and 'Tools'. Below the menu bar, there are icons for 'Export Data' and 'Import Data'. The main area displays a table of customers with columns for Customer, Customer Number, ZIP Code, City, State, and Country. The 'BMW' customer is highlighted in blue. To the right of the table, there are buttons for 'New Customer' and 'Delete Customer'. Below the table, there is a form for editing the selected customer. The form includes fields for Customer name, Contact person, Customer number, Address, Additional address, ZIP Code, City, State / Province, Country, Phone, and E-Mail. A 'Modify' button is circled in red.

| Customer | Customer Number | ZIP Code | City | State | Country |
|----------------|-----------------|-------------|------------------|---------------|----------------|
| Audi | 8888 | 5116 | Schinznach | Aargau | Schweiz |
| BMW | 3333 | 8157 | Dielsdorf | Zürich | Schweiz |
| Demo Company 1 | 3 | 4703 | Oensingen | Solothurn | Switzerland |
| MERCEDES | 5555 | 8952 | Schlieren | Zürich | Schweiz |

Change the customer data and press **„Save“** to confirm.

The screenshot shows the 'Edit Customer 'BMW'' form. The form includes fields for Customer name, Contact person, Customer number, Address, Additional address, ZIP Code, City, State / Province, Country, Phone, and E-Mail. A 'Save' button is circled in red.

Customer name *

Contact person *

Customer number

Address

Additional address

ZIP Code City

State / Province

Country

Phone Fax

E-Mail

* = required input

10.2. Managing Locations

The location database contains all locations. Each location is hierarchically linked to a customer. Every location includes a number of optional data which is managed directly at location level. Whenever a configuration is loaded to a reader all included location-data is also downloaded.

Mandatory Location Data

- General settings
name, country code, company code, currency, language, time zone, DST

Optional Location Data

- Attachment
crypto file for CALYPSO, DESFire
- Reader texts
welcome message for MIC-display
- User lists
list with blocked or allowed user numbers
- Location products **(NEW)**
list of assigned products from basic products database
- Happy-Meals **(NEW)**
new Happy-Meals with own price model

Select a location from the list and press „**Modify**“ to change any location data.

The screenshot displays the mei-pay STS software interface. At the top, there is a navigation bar with 'Options', 'View', and 'Tools'. Below this is a 'Management' section with 'Export Data' and 'Import Data' buttons. The main area shows a table of locations, grouped by customer (BMW and Audi). The Audi group is selected, and the 'New Car Sales' location is highlighted. A red box highlights the 'Attachment', 'Reader texts', 'Blocked / Allowed Users', 'Products', and 'Happy Meals' tabs in the 'General' section. A red arrow points from a red box labeled 'optional Location data' to the 'Attachment' tab. The 'Modify' button is circled in red.


| Location Name | # Configs | Country Code | Company Code | Currency Code | |
|----------------|-----------|--------------|--------------|---------------|--|
| BMW | | | | | |
| Headquarter | 12 | 200 | 13 | EUR (978) | |
| New Car Sales | 1 | 200 | 13 | EUR (978) | |
| Service Center | 1 | 200 | 12 | EUR (978) | |
| Audi | | | | | |
| New Car Sale | 3 | 200 | 65500 | CHF (756) | |
| Headquarter | none | 200 | 20 | EUR (978) | |
| New Car Sales | none | 200 | 19 | EUR (978) | |
| Service Center | none | 200 | 65500 | EUR (978) | |

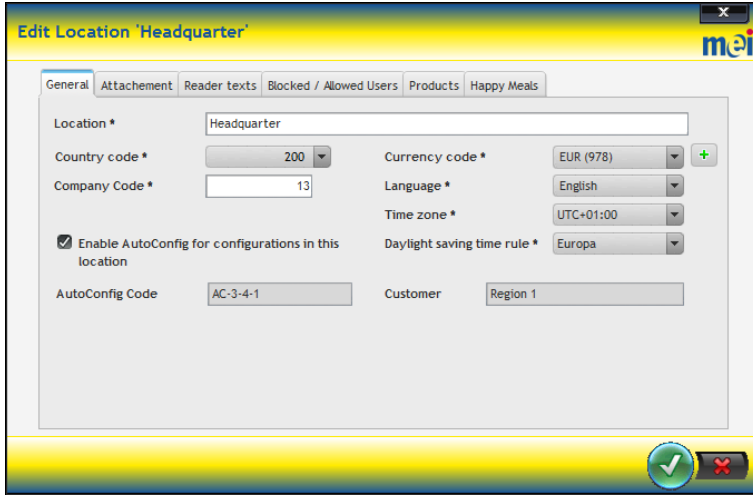
General | Attachment | Reader texts | Blocked / Allowed Users | Products | Happy Meals

Location * Headquarter
Country code * 200 Currency code * EUR (978)
Company Code * 13 Language * English
Time zone * UTC+01:00
 Enable AutoConfig for configurations in this location Daylight saving time rule * Europa
AutoConfig Code AC-3-4-1 Customer Region 1


Modify

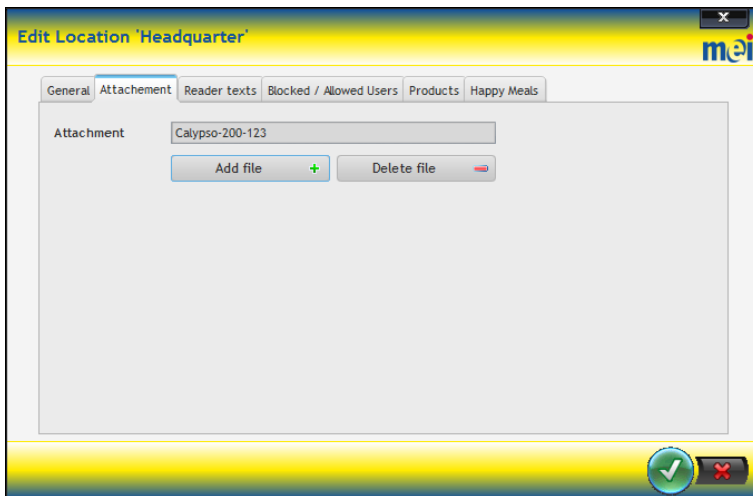
10.2.1. General Location Data

Modify location data and confirm with :



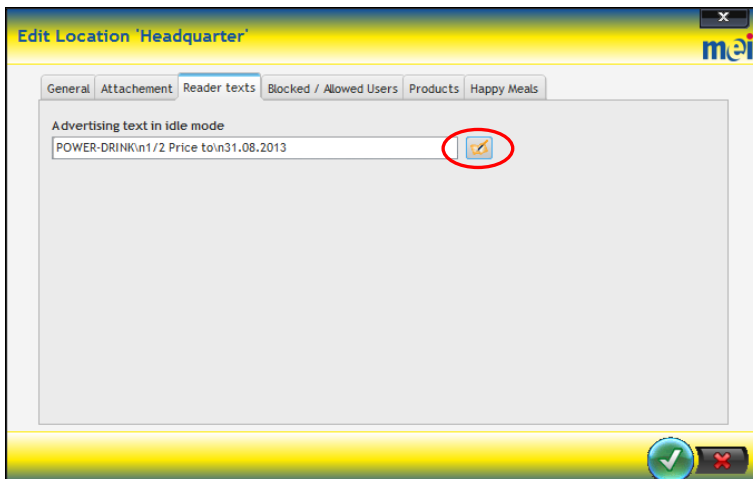
10.2.2. Attachment

This is actually used for CALYPSO technology. Add a corresponding crypto file and confirm with :




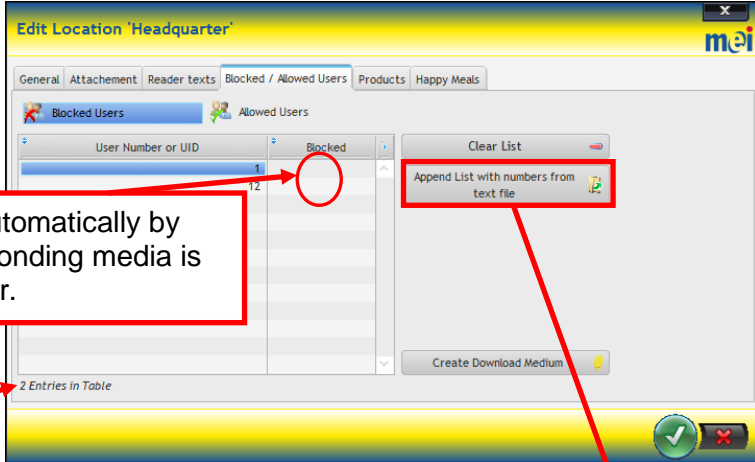
10.2.3. Reader Texts

Click on symbol **Edit advertising text** and enter a welcome message and confirm with :



10.2.4. Managing List of Blocked / Allowed Users

The list of blocked or allowed users is stored at the location level. Click on **Blocked Users** or **Allowed Users** to change the list and confirm with :



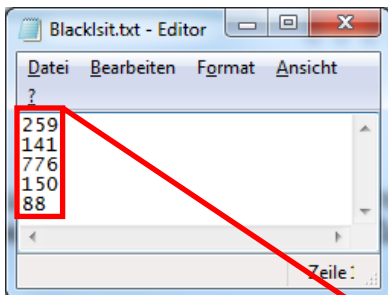
This column is set automatically by reader when corresponding media is blocked by the reader.

list size

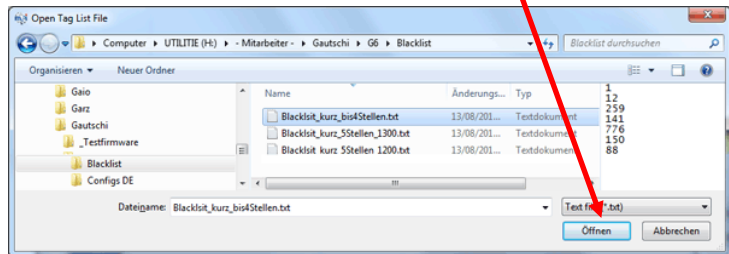
list size

User numbers can be entered directly or an external text file with a list of user numbers can be loaded with function **Append List with numbers from text file**:

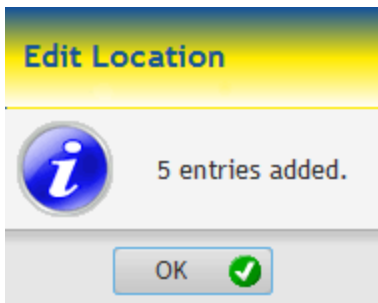
1. Create textfile



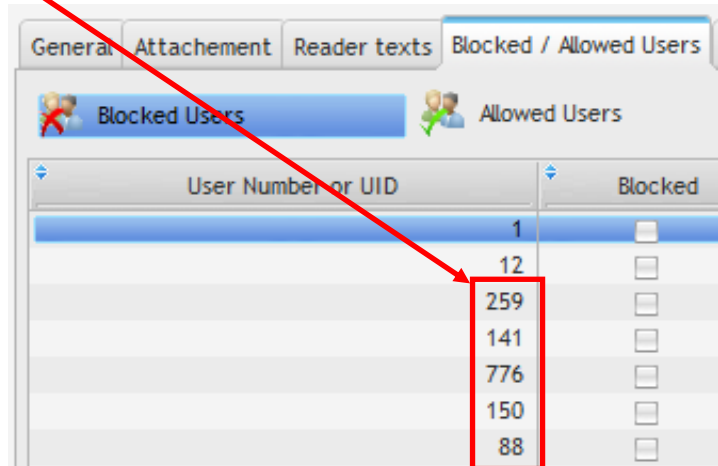
2. Load list from textfile



3. Total of added user-no. are displayed



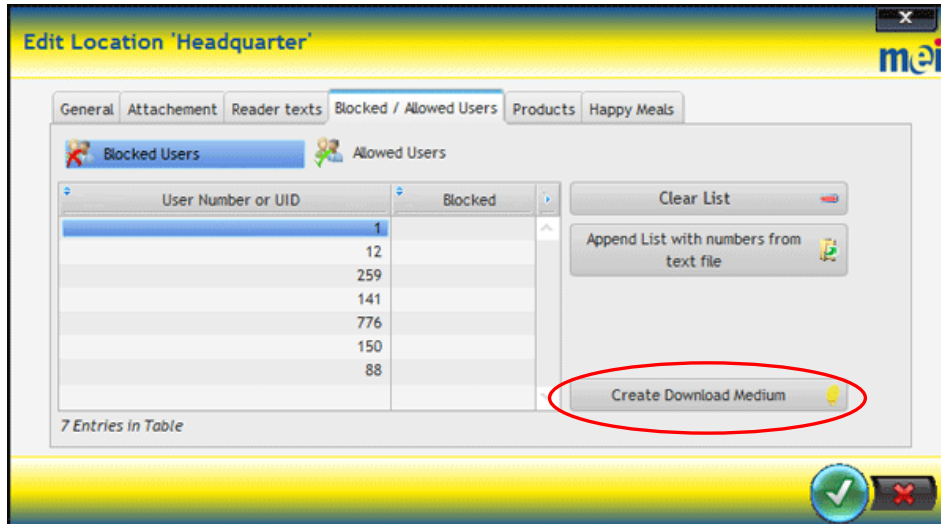
4. The list of user numbers will be updated immediately



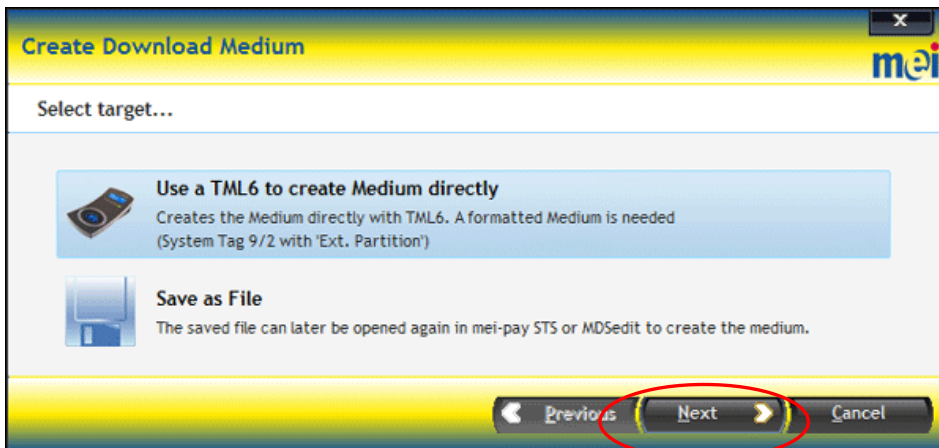
10.2.5. Create Download Medium with List of Blocked / Allowed Users

The list of user numbers can be directly saved to a download medium 9/2. The Download Medium is finally used to transfer / to update the list of blocked/allowed user numbers of readers in the field.

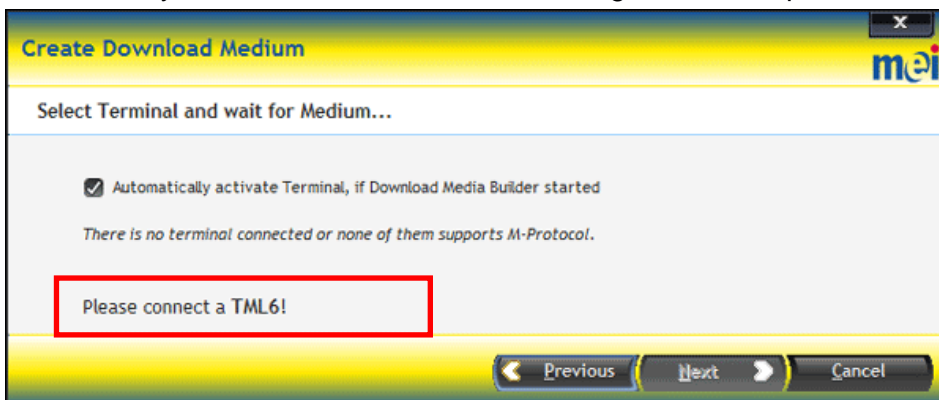
Click **Create Download Medium** to start the procedure:



Select **Use a TML6 to create Medium directly** and click **Next**.



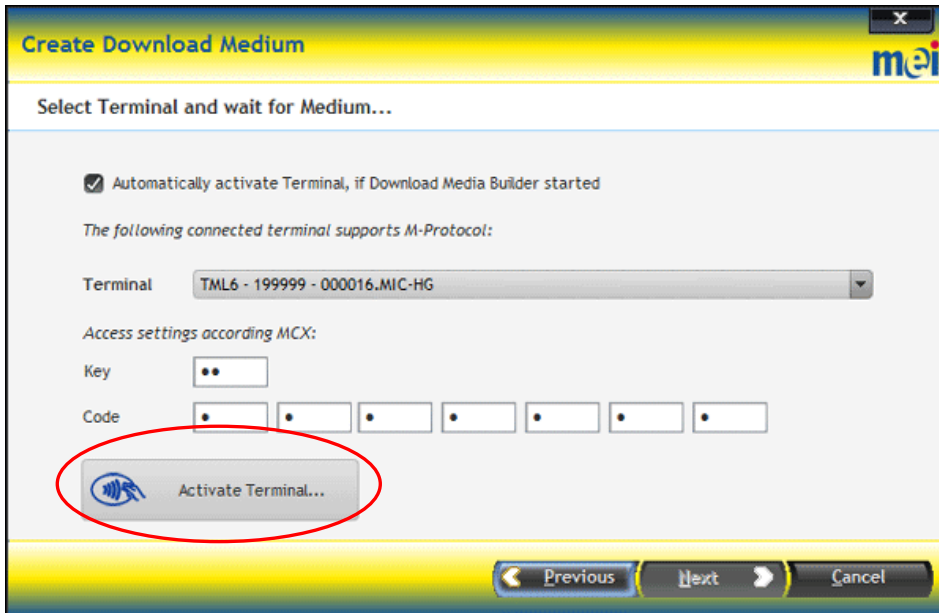
If not already a TML6 is connected the following window is opened:



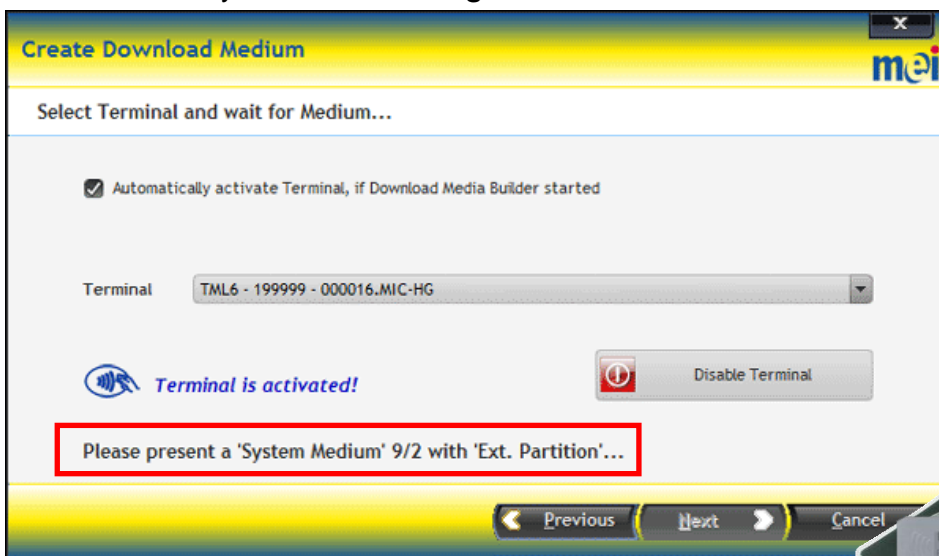
Connect a TML6 Full or TML6.

If a TML6 is connected the next window automatically opened.

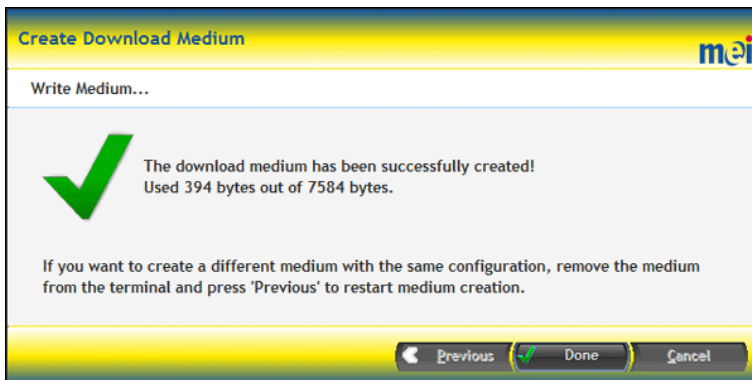
Activate the Terminal:



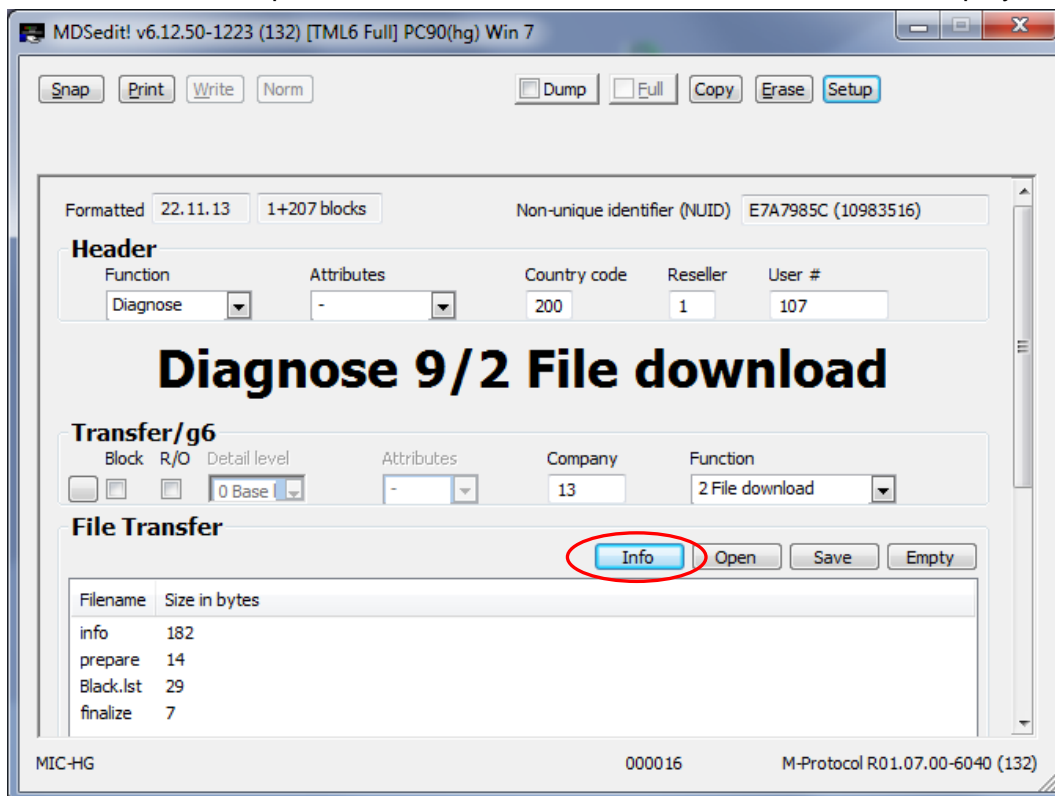
Hold formatted system medium **Diagnose 9/2 File download** on activated TML6:



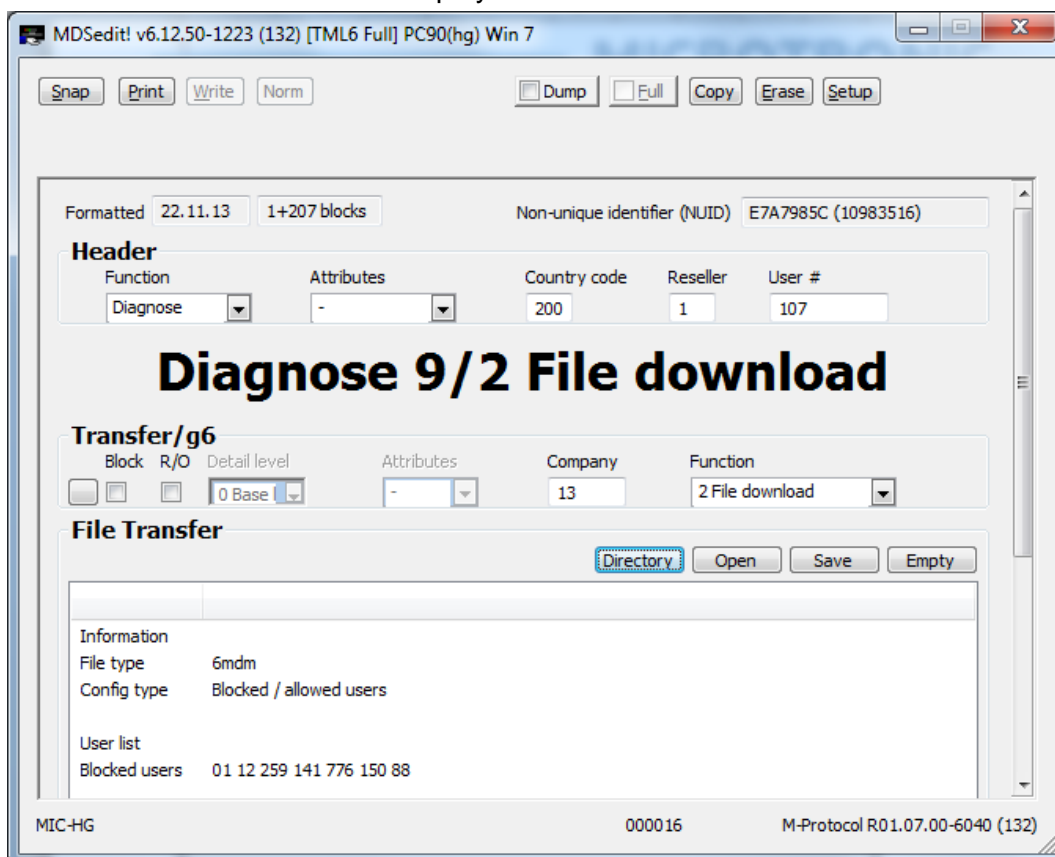
The download medium will create immediately:



On MDSedit the compressed contents of the Download Medium will be displayed:

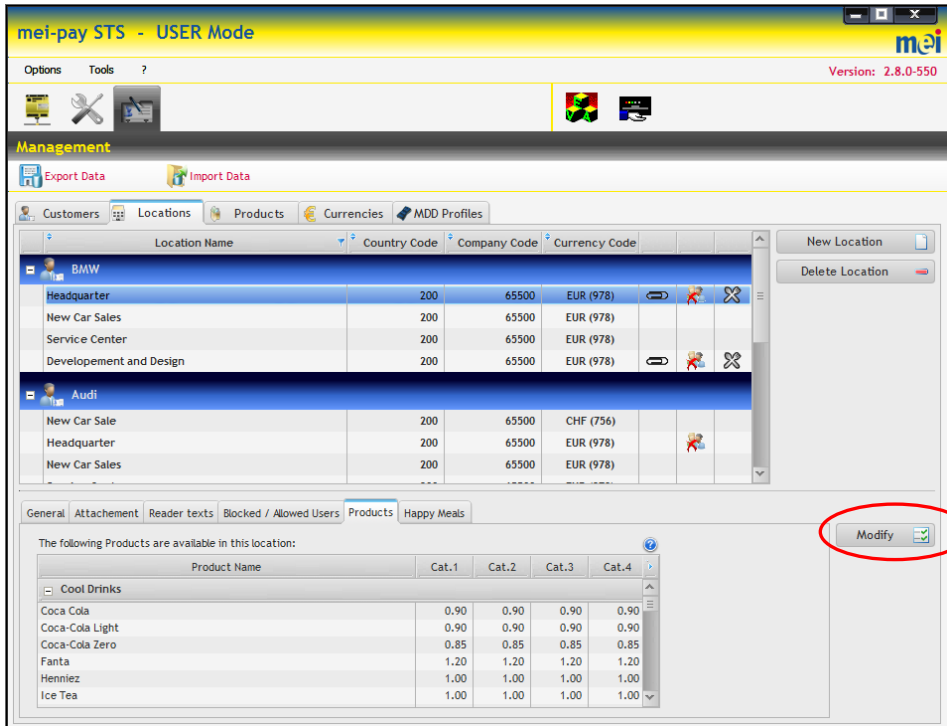




After clicking on function **Info** a detailed description of the contents including all the blocked or allowed user numbers can be displayed:



10.2.6. Location Products

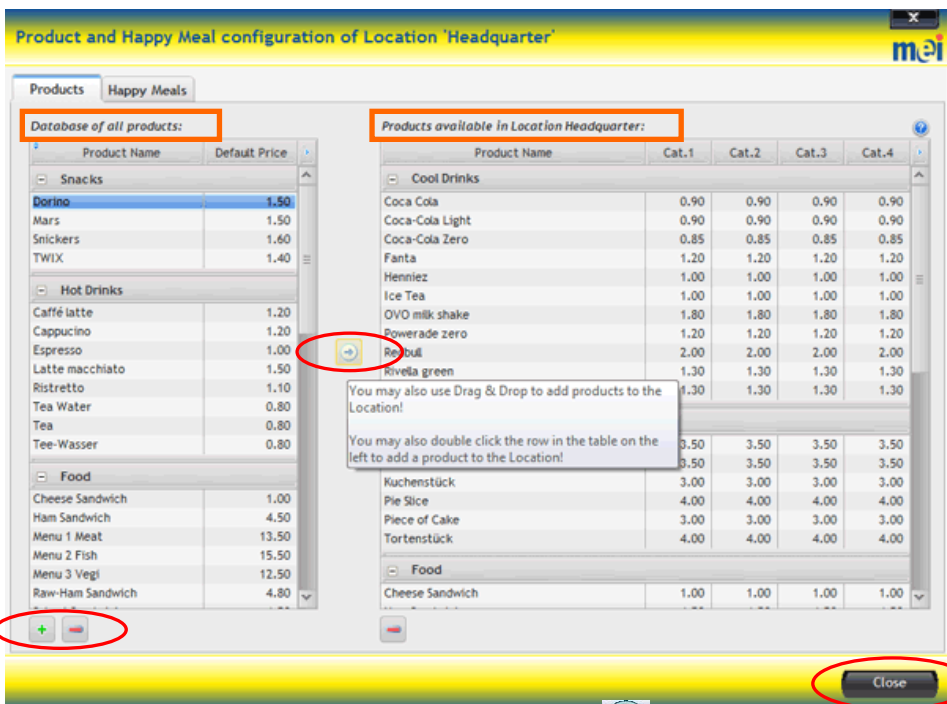
Click on function **Modify** to create new products in the basic products database or to assign products from the basic products database to the current location:




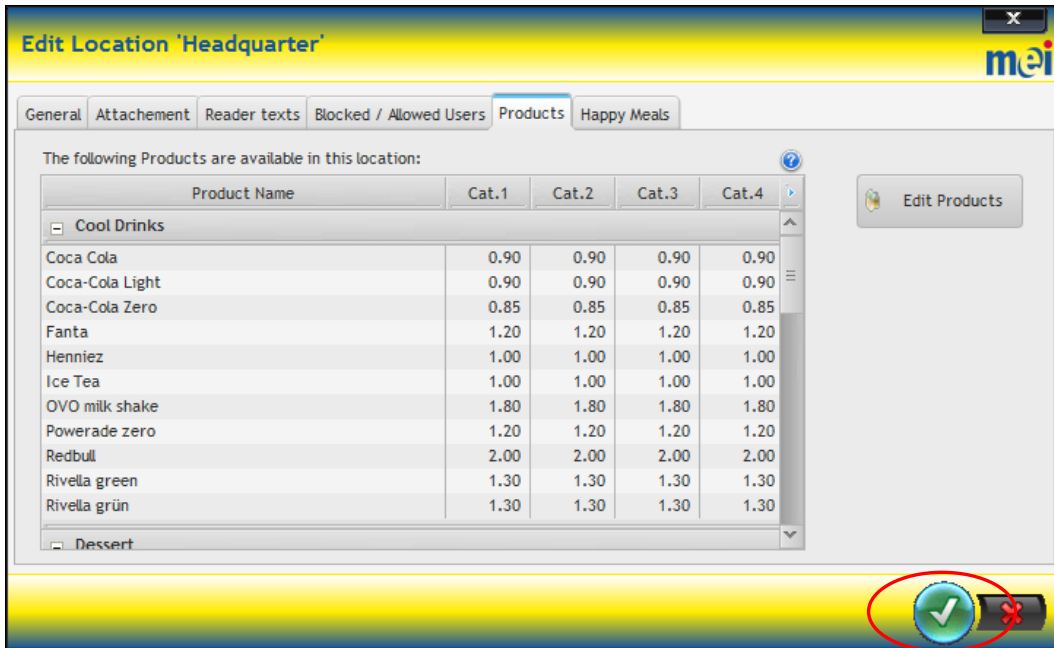
Use the function symbols   to add or remove products from the basic products database.

Use the function symbol  or drag&drop to add product to the current location.

After all modifications, please click on function **Close** to continue to next window.

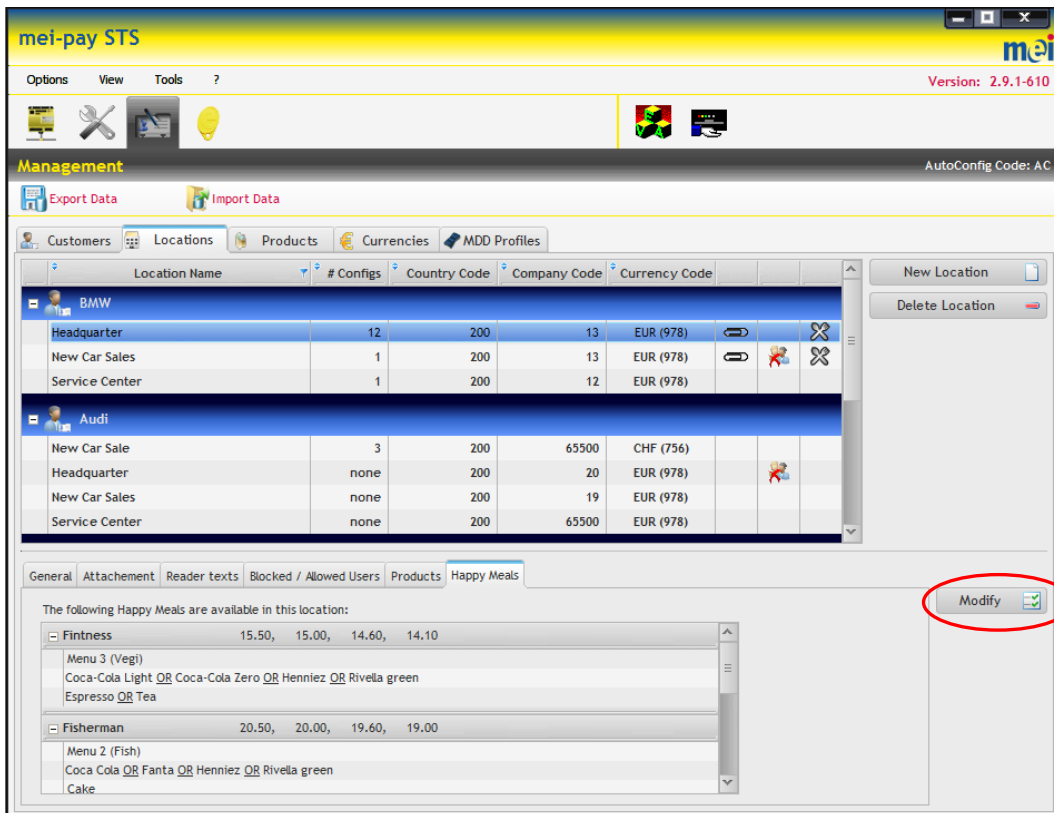


All modifications must be saved with function  in the following window:




10.2.7. Happy Meals

Click on function **Modify** to create Happy Meals for this location:



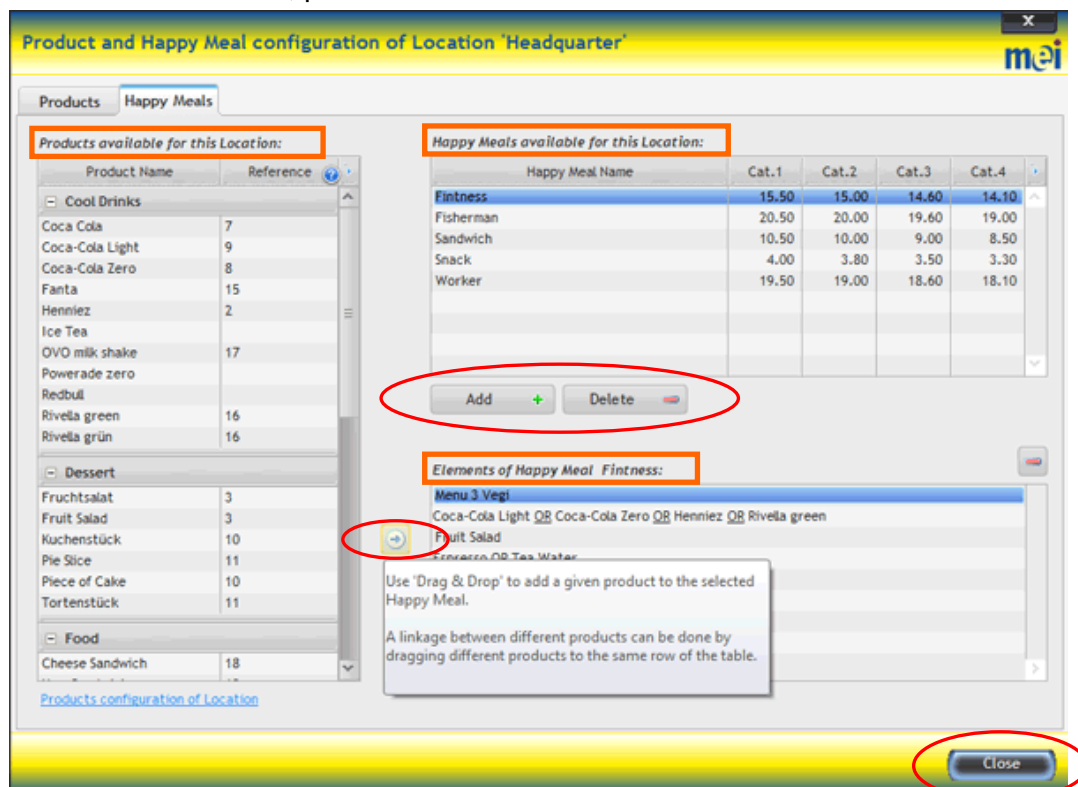
Use the function symbols to **Add** or to **Delete** Happy Meals from current location.
 Define Happy Meal prices for max 4 categories. In order to receive a discount the Happy Meal prices should be lower than the cumulated separate product prices.

Use the function symbol  or drag&drop to add products to the selected Happy Meal.
 You can combine several products with OR-function by dragging them to the same line.

Elements of Happy Meal *Fitness*:

| | | | | |
|-----------------|-------------------|------------|-----------------|---------------|
| Menue 3 Vegi | | | | |
| Coca-Cola Light | OR Coca-Cola Zero | OR Henniez | OR Rivella grün | |
| Fruchtsalat | | | | |
| Espresso | | | | OR Tee-Wasser |

After all modifications, please click on function **Close** to continue to next window.



Product and Happy Meal configuration of Location 'Headquarter'

Products available for this Location:

| Product Name | Reference |
|-----------------|-----------|
| Cool Drinks | |
| Coca Cola | 7 |
| Coca-Cola Light | 9 |
| Coca-Cola Zero | 8 |
| Fanta | 15 |
| Henniez | 2 |
| Ice Tea | |
| OVO milk shake | 17 |
| Powerade zero | |
| Redbull | |
| Rivella green | 16 |
| Rivella grün | 16 |
| Dessert | |
| Fruchtsalat | 3 |
| Fruit Salad | 3 |
| Kuchenstück | 10 |
| Pie Slice | 11 |
| Piece of Cake | 10 |
| Tortenstück | 11 |
| Food | |
| Cheese Sandwich | 18 |

Happy Meals available for this Location:


| Happy Meal Name | Cat.1 | Cat.2 | Cat.3 | Cat.4 |
|-----------------|-------|-------|-------|-------|
| Fitness | 15.50 | 15.00 | 14.60 | 14.10 |
| Fisherman | 20.50 | 20.00 | 19.60 | 19.00 |
| Sandwich | 10.50 | 10.00 | 9.00 | 8.50 |
| Snack | 4.00 | 3.80 | 3.50 | 3.30 |
| Worker | 19.50 | 19.00 | 18.60 | 18.10 |

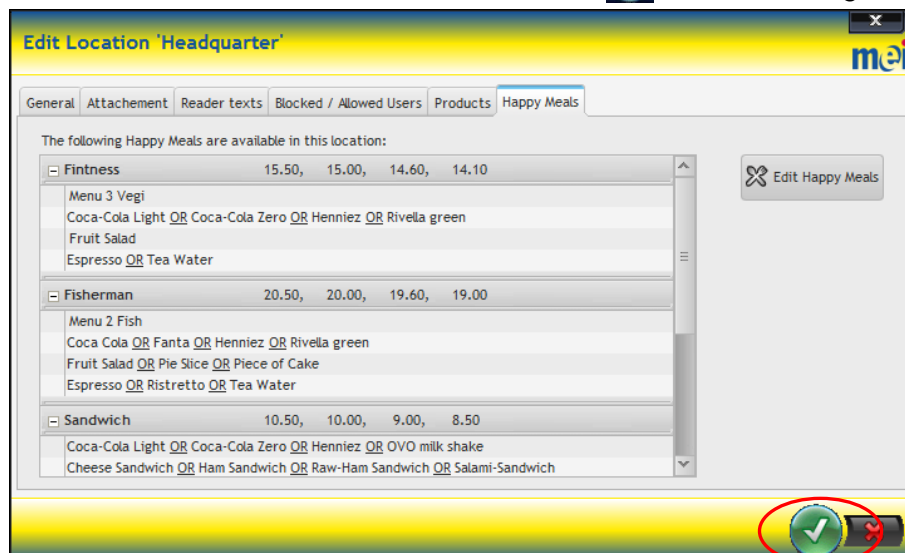
Elements of Happy Meal *Fitness*:

| | | | | |
|-----------------|-------------------|------------|------------------|---------------|
| Menu 3 Vegi | | | | |
| Coca-Cola Light | OR Coca-Cola Zero | OR Henniez | OR Rivella green | |
| Fruit Salad | | | | |
| Espresso | | | | OR Tee-Wasser |

Use 'Drag & Drop' to add a given product to the selected Happy Meal.
 A linkage between different products can be done by dragging different products to the same row of the table.

Close

All modifications must be saved with function  in the following window:



Edit Location 'Headquarter'

The following Happy Meals are available in this location:

| | | | | |
|--|-------|-------|-------|-------|
| Fitness | 15.50 | 15.00 | 14.60 | 14.10 |
| Menu 3 Vegi | | | | |
| Coca-Cola Light OR Coca-Cola Zero OR Henniez OR Rivella green | | | | |
| Fruit Salad | | | | |
| Espresso OR Tea Water | | | | |
| Fisherman | 20.50 | 20.00 | 19.60 | 19.00 |
| Menu 2 Fish | | | | |
| Coca Cola OR Fanta OR Henniez OR Rivella green | | | | |
| Fruit Salad OR Pie Slice OR Piece of Cake | | | | |
| Espresso OR Ristretto OR Tea Water | | | | |
| Sandwich | 10.50 | 10.00 | 9.00 | 8.50 |
| Coca-Cola Light OR Coca-Cola Zero OR Henniez OR OVO milk shake | | | | |
| Cheese Sandwich OR Ham Sandwich OR Raw-Ham Sandwich OR Salami-Sandwich | | | | |

Edit Happy Meals

Save Cancel

10.3. Managing Products

There is a *Basic Products Database*. The inventory of all products can be grouped into product categories, a default price can be set for each basic product.

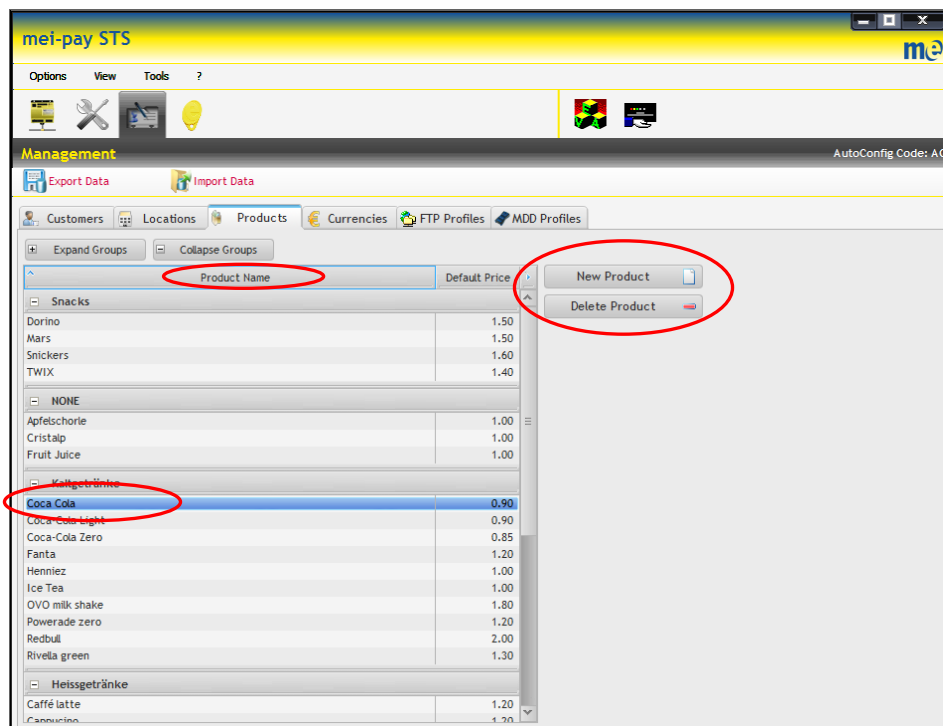
NEW

Products from the basic products database must be first assigned to locations, in order to use these *Location Products* in corresponding reader configurations. Location products are also required to set up the new feature *Happy-Meals* at location level.

- ➔ Please consult the separate documentation *TechDoc* for more functional details regarding the new features *Location Products* and *Happy Meals*.

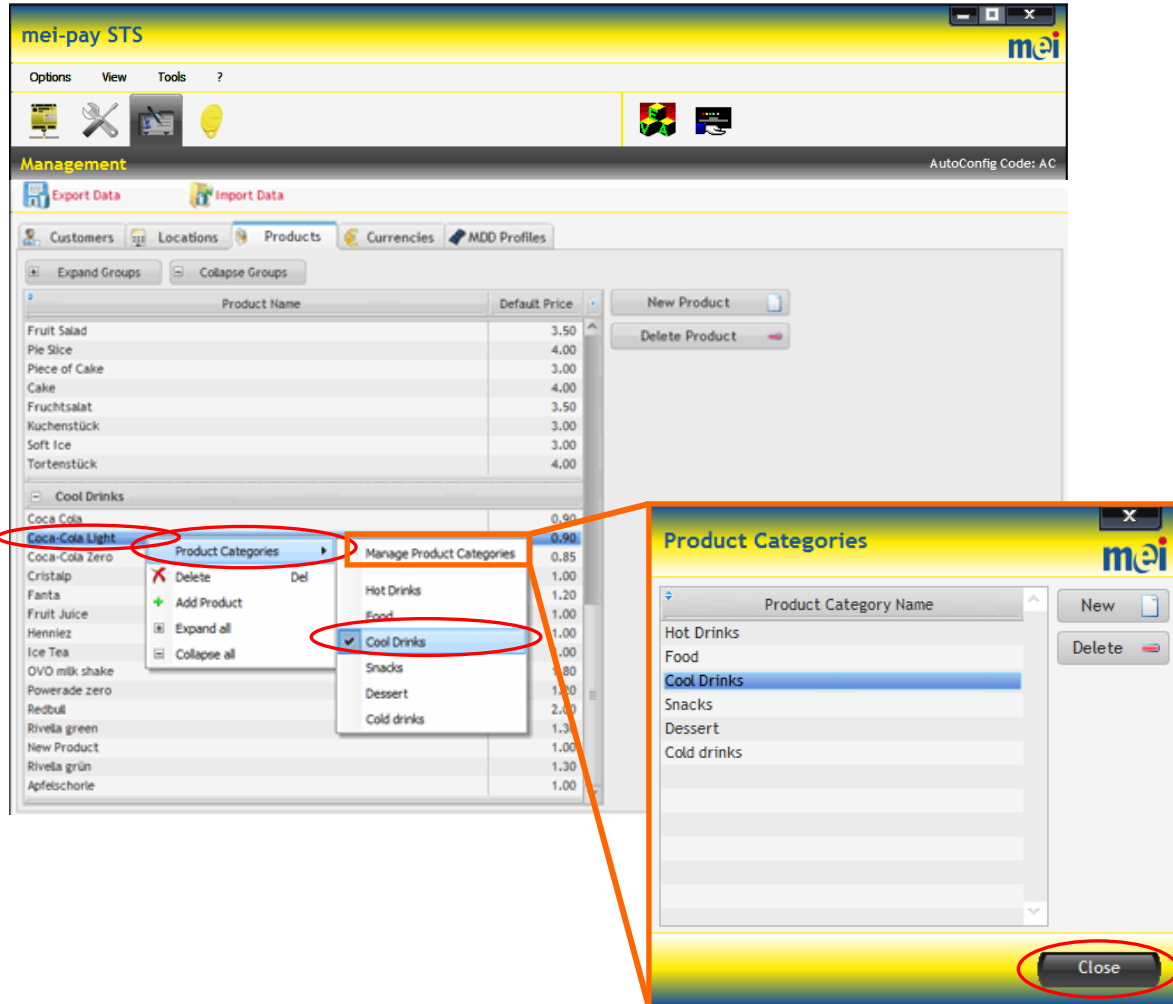
10.3.1. Basic Products Database

- Double click on an existing product to change the product name / default price;
- Click on **“New Product”** to insert a new product, then set product name / default price;
- Click on column **“Product Name”** to sort products in alphabetical order;
- Select one or several products from list and click on **“Delete Product”** to remove products.



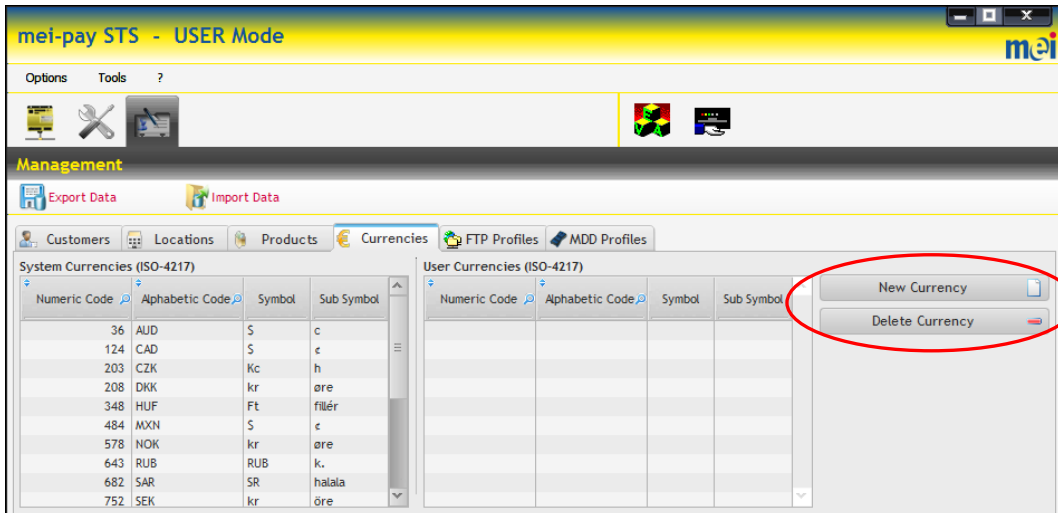
10.3.2. Product Categories

Right click on a selected product and choose **“Product Categories”** from the context menu. Assign a product category from the list or create a new category with function **“Manage Product Categories”**. Confirm with **“Close”**.

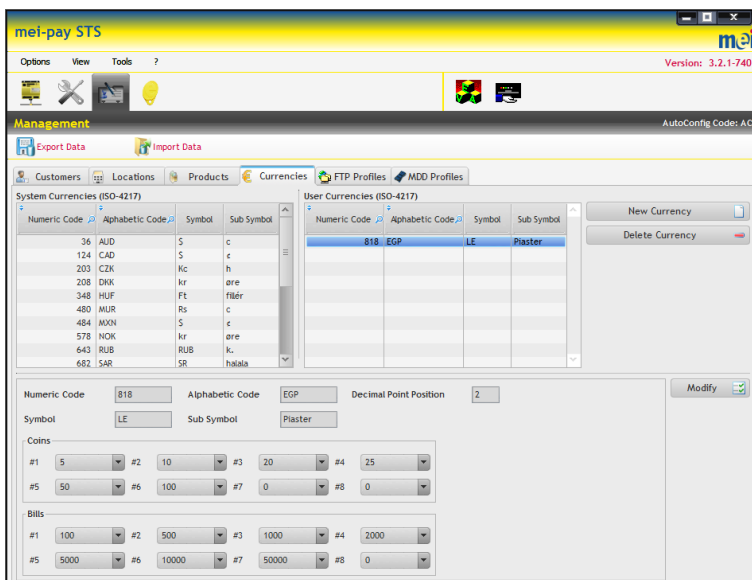
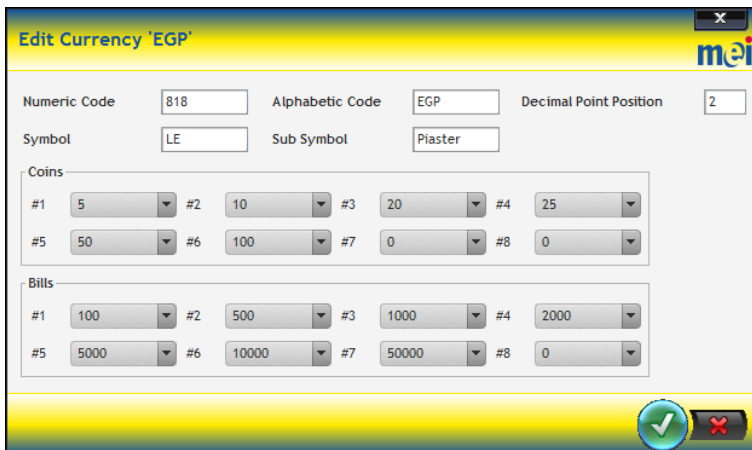


10.4. Managing Currencies

Mei-pay STS provides a set of pre-defined currencies in the left column. User defined currencies can be managed with functions **“Add Currency”**, **“Delete Currency”**.



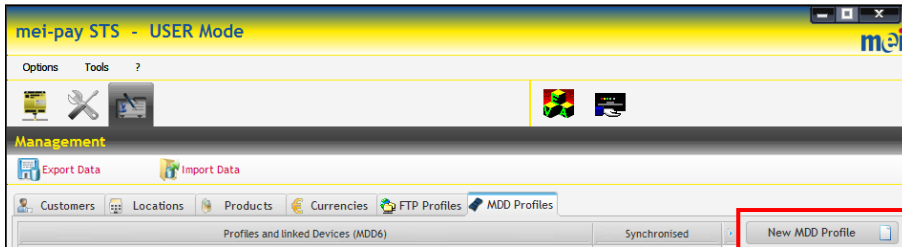
Enter the new values and confirm with **“Save”**.



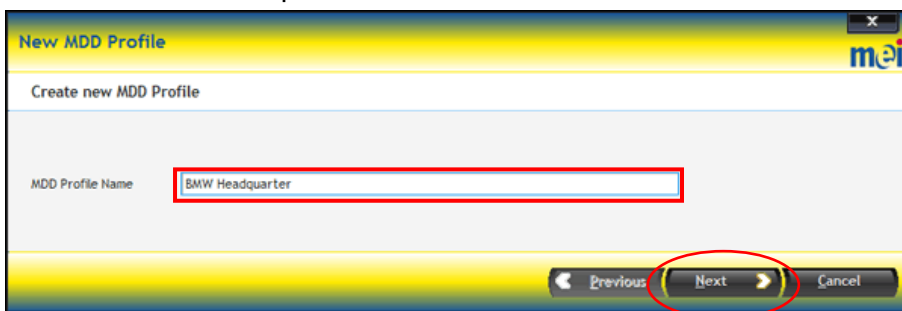


10.5. Create MDD6 Profile

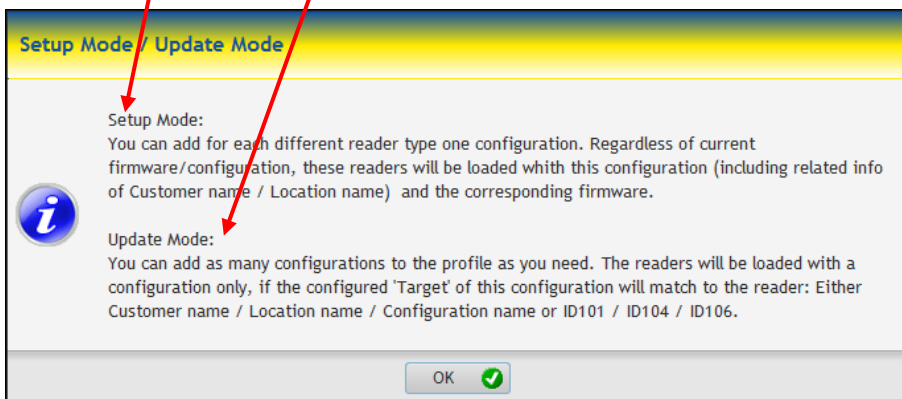
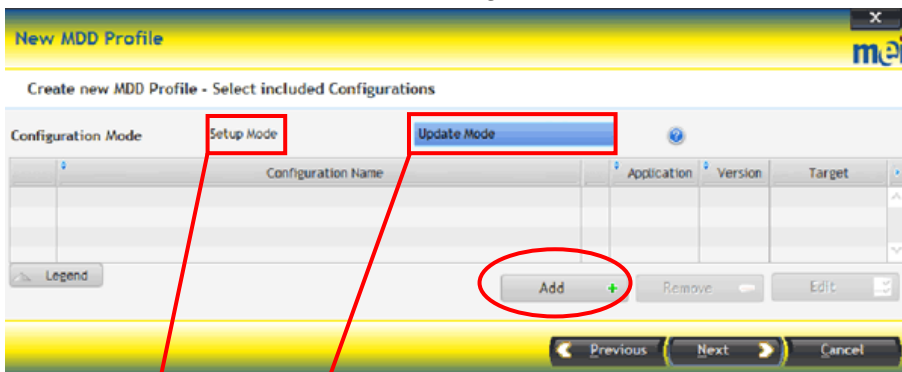
MDD6 Profiles only need to be created, if MDD6 is used to update G6 readers with new configuration / firmware. MDD6 profiles are not needed, if MDD6 is purely used for data collection.



Enter a name for the profile and click on **Next**:

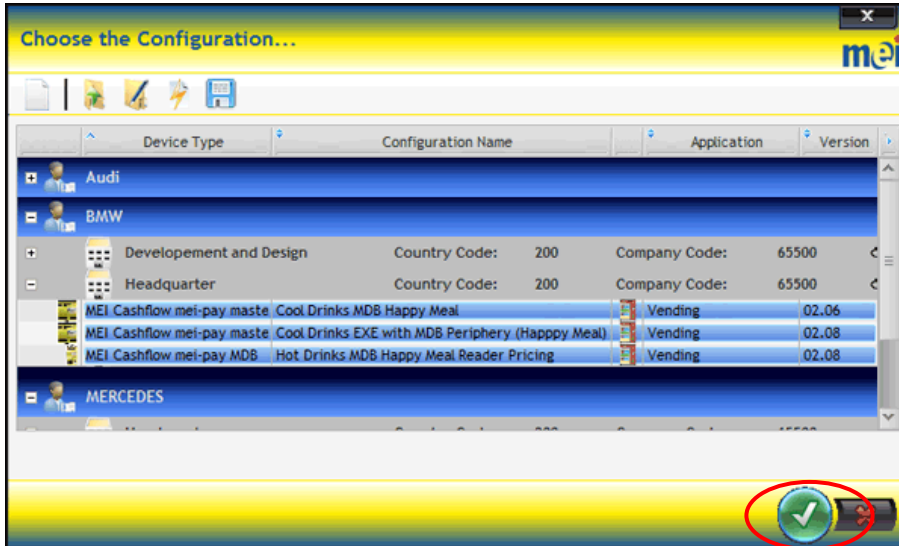


Choose one of the two different configuration modes and click on **Add** to continue:

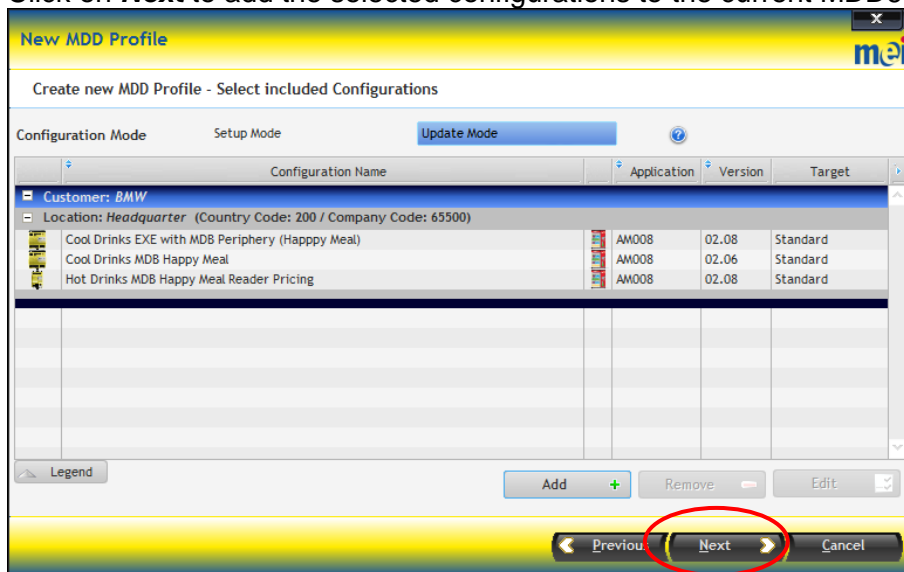


10.5.1. Add Reader Configurations to MDD6 Profile

Choose reader configurations that you want to manage with actual MDD6 profile and confirm:
(configuration versions prior to Dec/2012 are not compatible!)

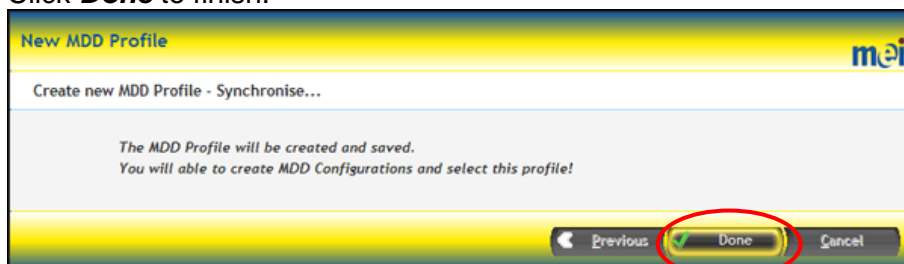


Click on **Next** to add the selected configurations to the current MDD6 profile:

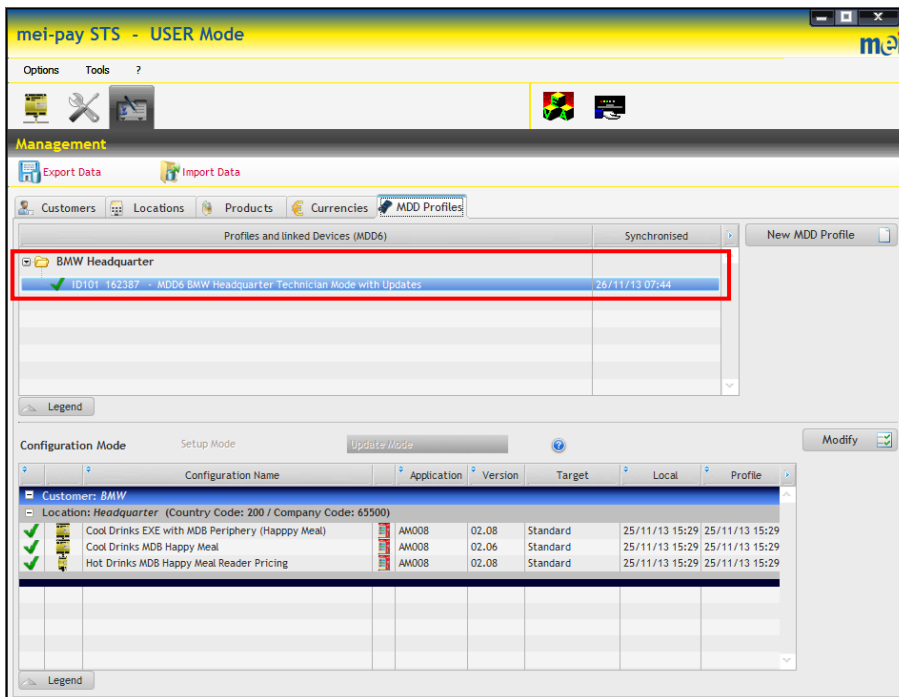


The new MDD6 profile will be created in the mei-pay STS database.

Click **Done** to finish:

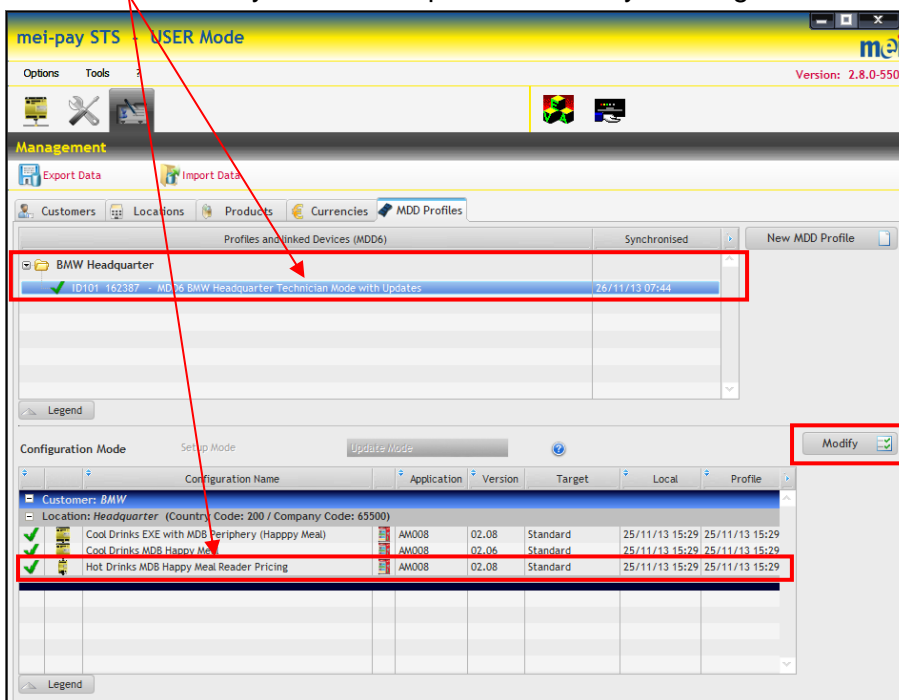


All details of the new MDD6 profile are displayed in the main window:

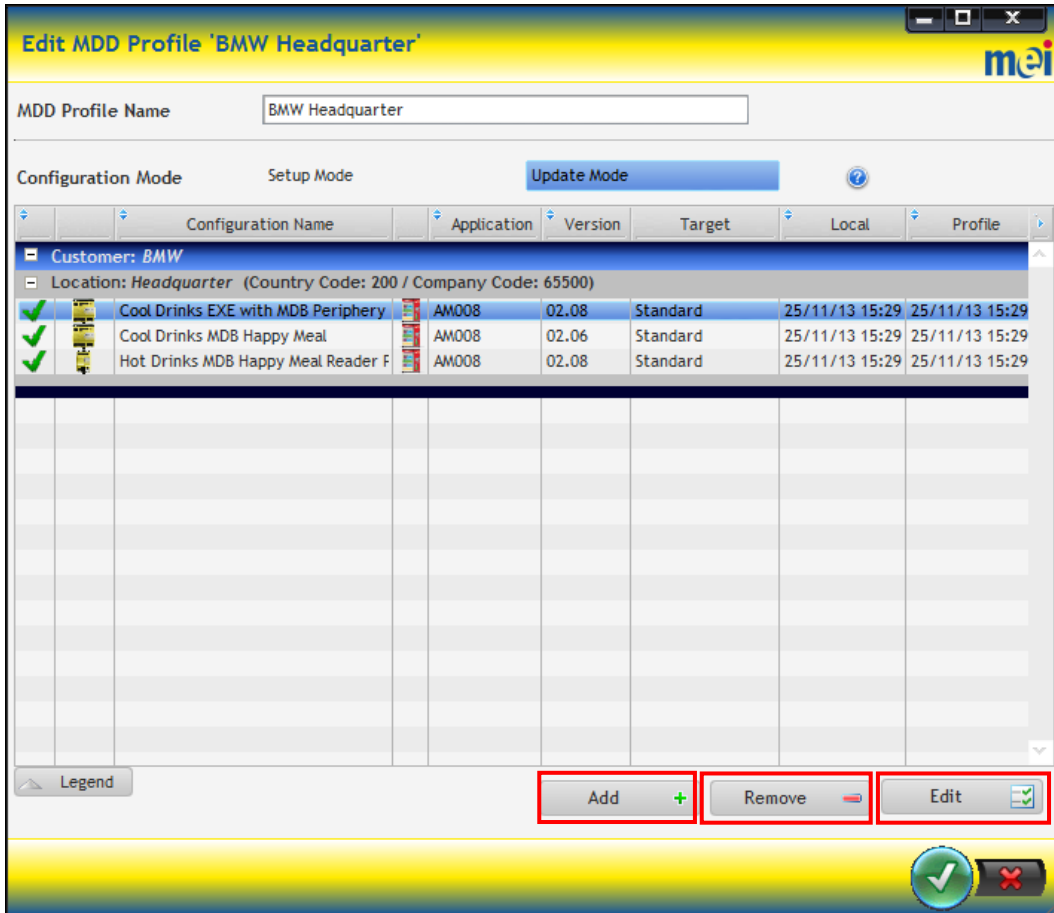


10.5.2. Modify Reader Download Mode of MDD6 Profile

The reader download mode defines how the MDD6 updates a connected reader out in the field. The reader download mode can be defined separately for each configuration of the MDD6 profile. Double-click directly on the FTP profile or on any a configuration or click on function **Modify**:



You can **Add / Remove** reader configurations from the MDD6 profile and you can double-click on a configuration from the list or select and **Edit** to change its download mode:

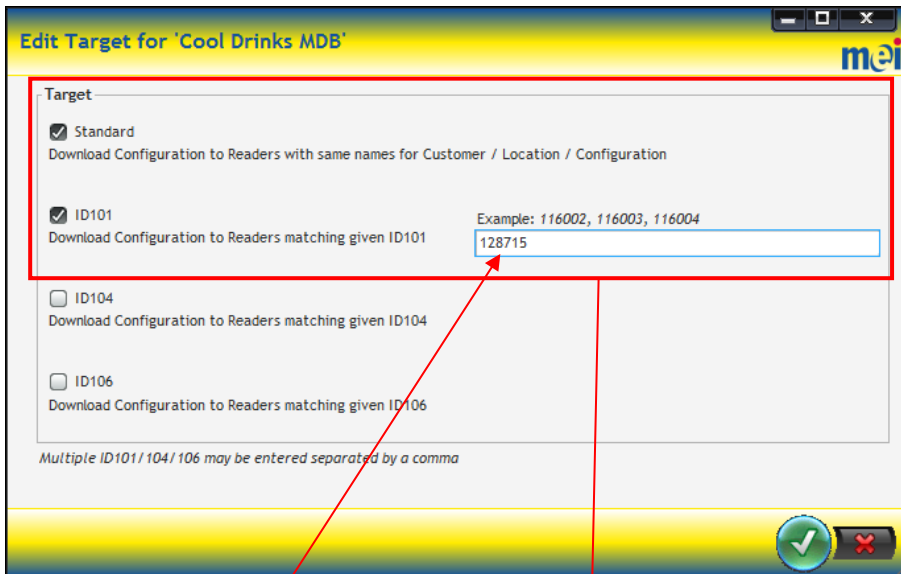


The following window will show all 4 reader download modes with an explanation.

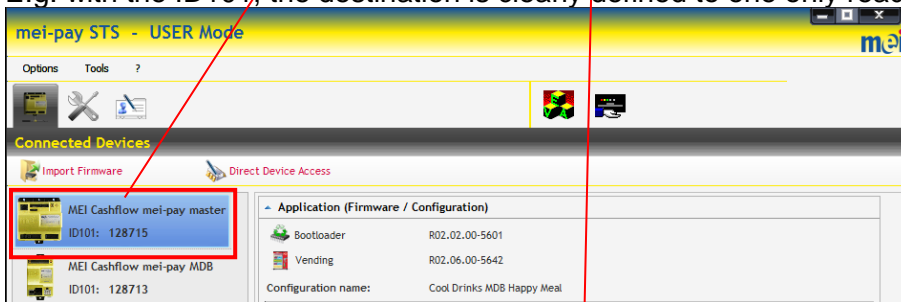
The **Standard** download mode means that the MDD6 only updates a connected reader if the reader has already exactly the same configuration name / location / customer according to the mei-pay STS structure.



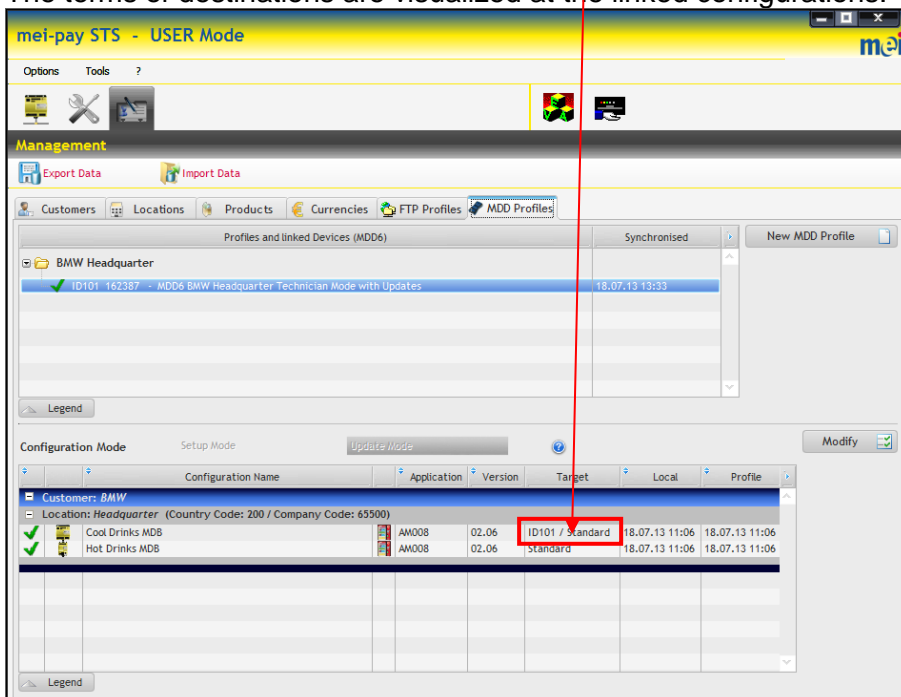
10.5.3. The terms of destination can be selected/combined individually:



E.g. with the ID101, the destination is clearly defined to one only reader:



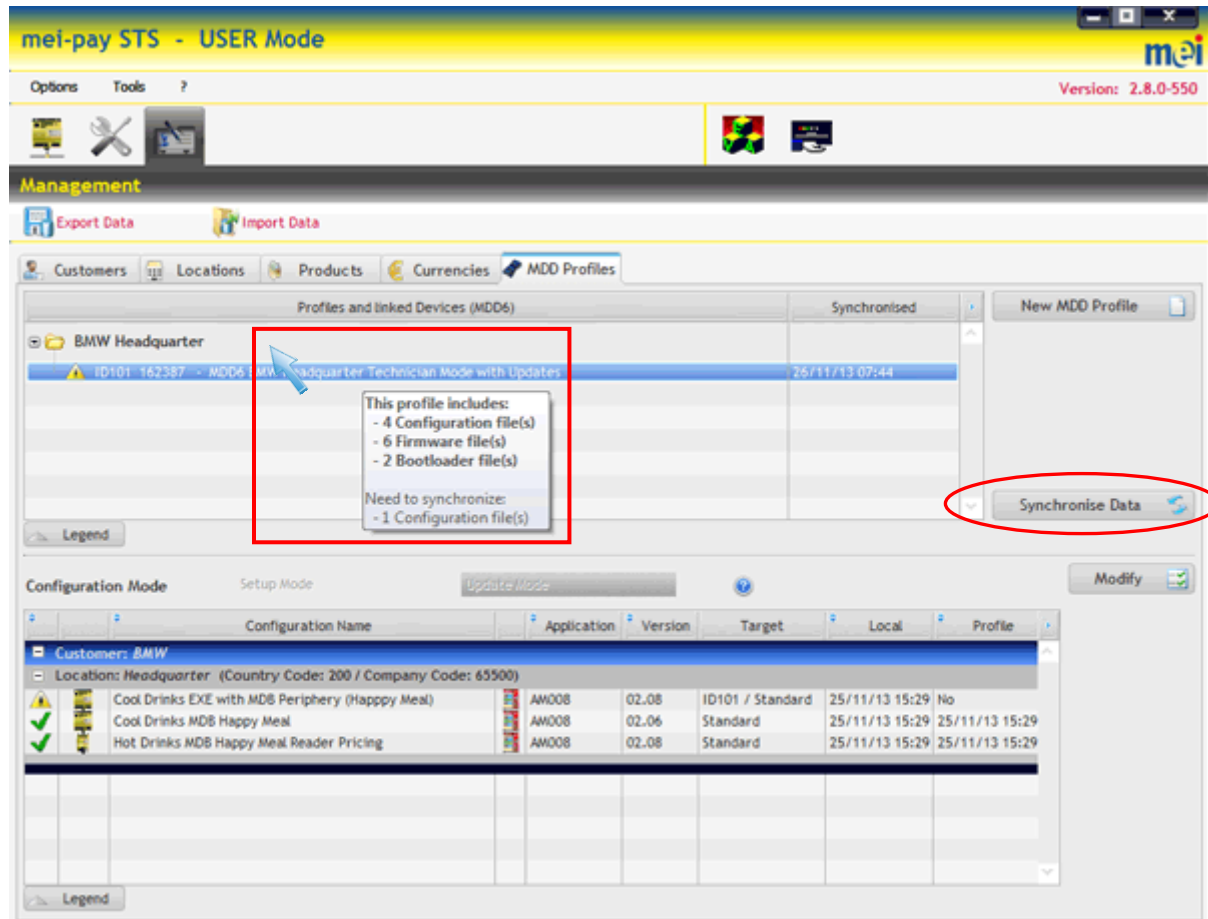
The terms of destinations are visualized at the linked configurations:



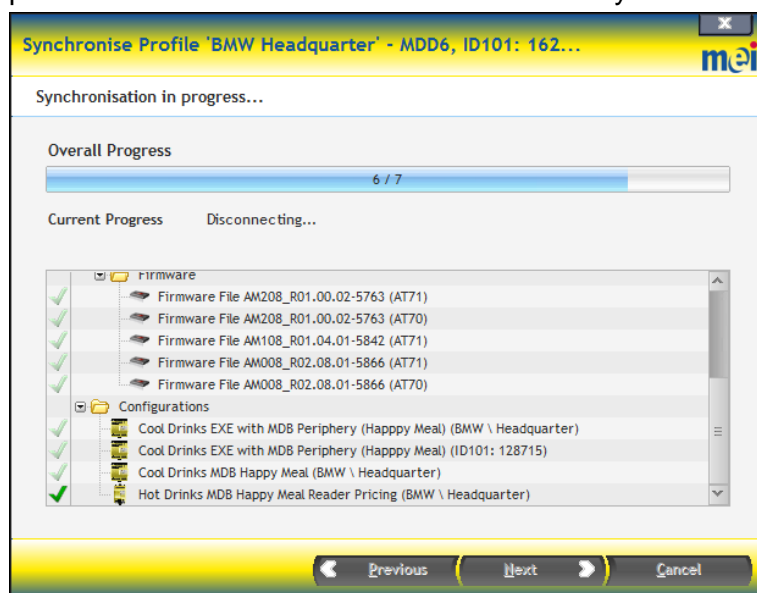
10.5.4. Synchronise MDD6 Profile with connected MDD6 handheld

A MDD6 profile that needs to be synchronised is automatically detected. All sync details are shown in the following window when dragging the mouse over the MDD6 profiles list.

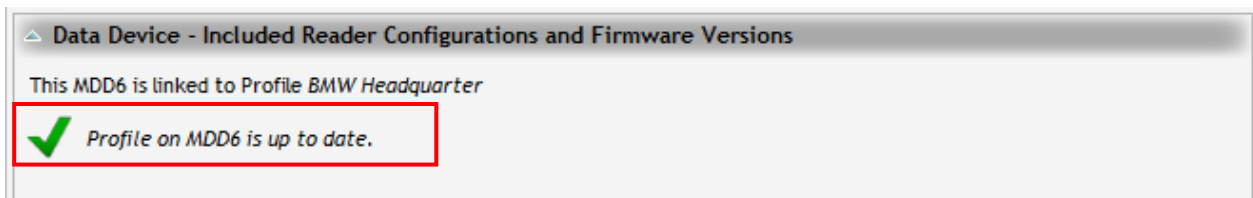
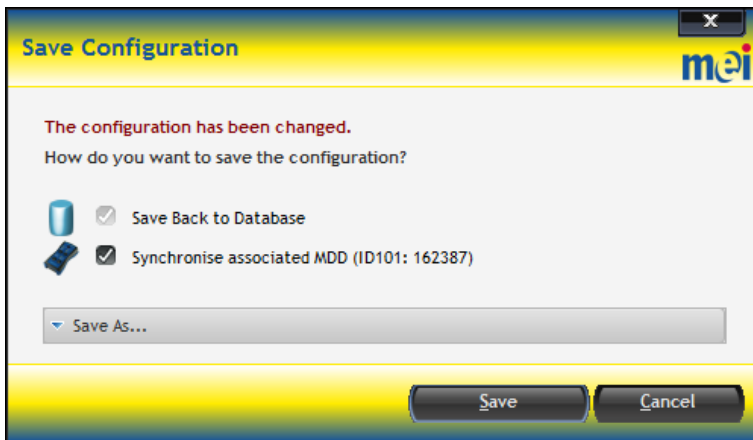
Click on function **Synchronise Data** to start the process:



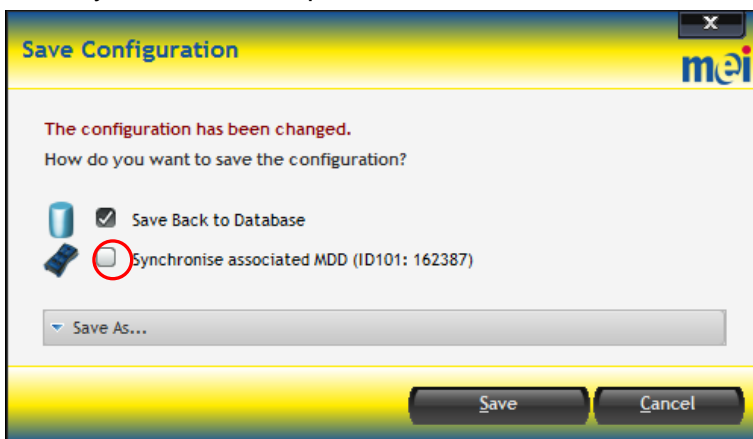
Each step of the sync process will be shown in the following window and at the end of the process the window will be closed automatically:



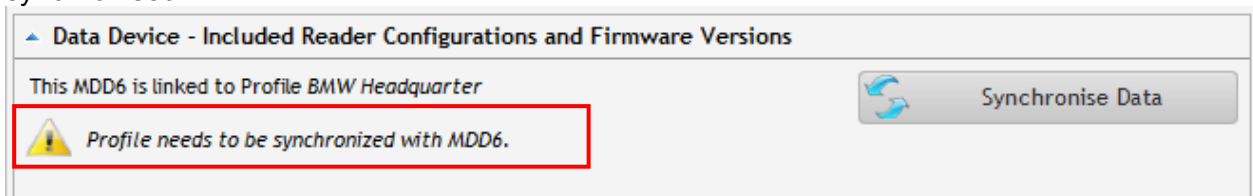
Alternatively when modifying a reader configuration which is part of the MDD6 profile in the connected MDD6 handheld, it can be synchronised automatically when the configuration will be saved:



If the synchronisation option is deselected in the save-window:

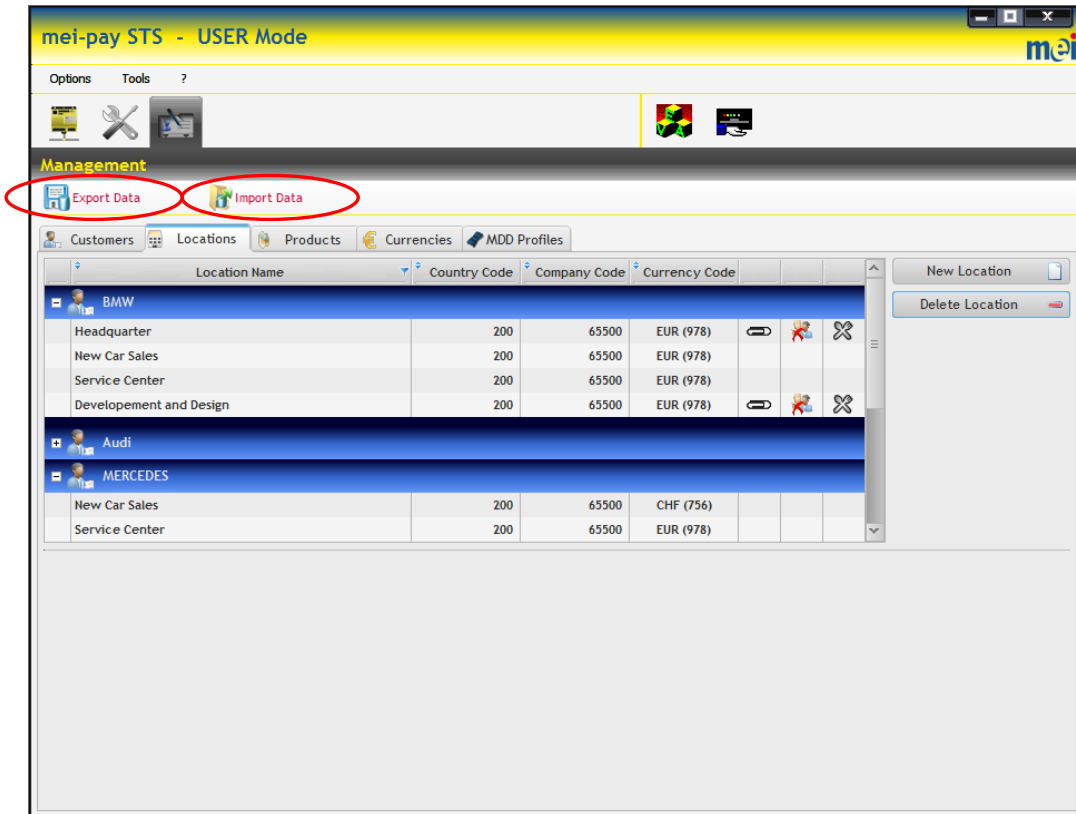


mei-pay STS will display a message which indicates that the MDD6 profile will need to be synchronised.



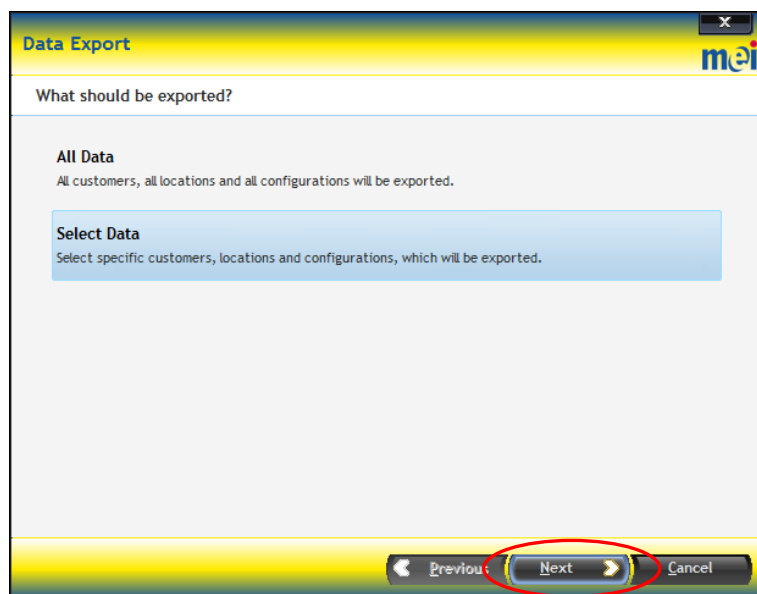
10.6. Export Data / Import Data

The complete mei-pay STS database (or parts of the data) can be transferred between various mei-pay STS installations on different computers with the function **export data / import data**:

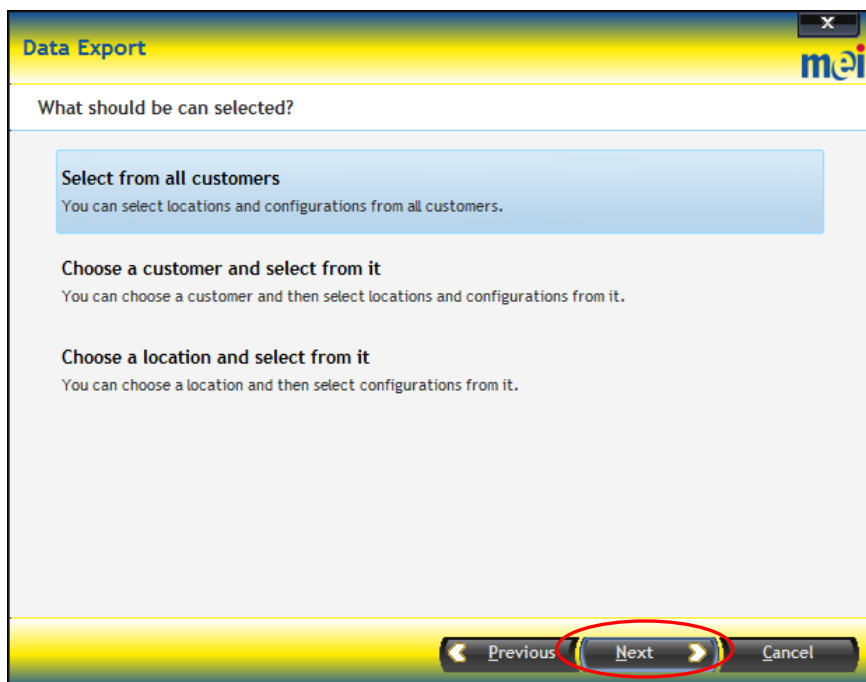


10.6.1. Exporting Data

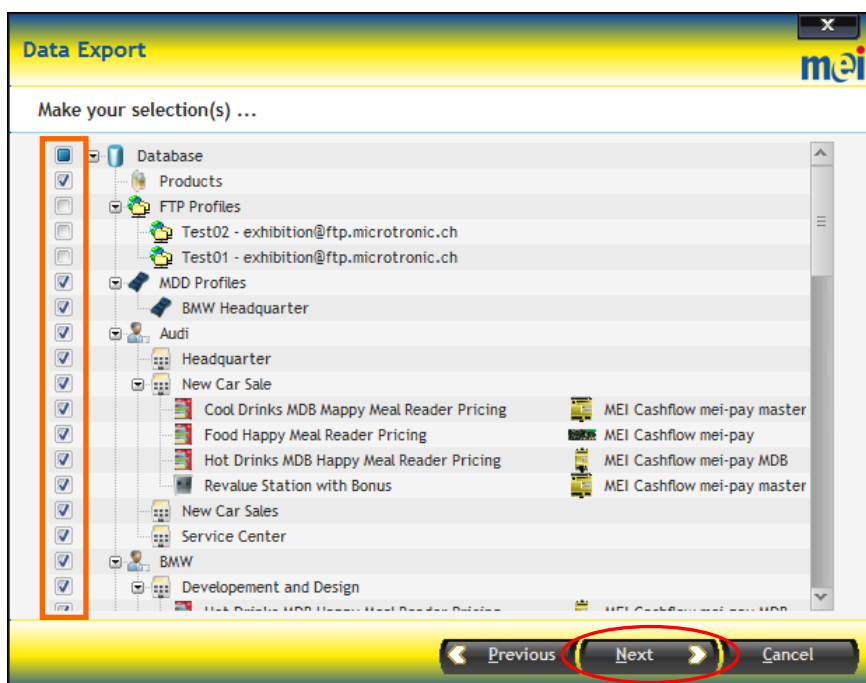
With the button **Select data** it's possible to only transfer selected parts of customers and locations inside of the database:



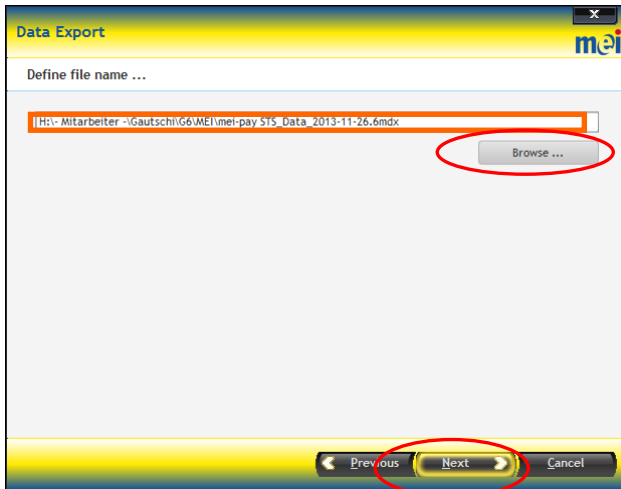
Make your choice and confirm with **Next**:



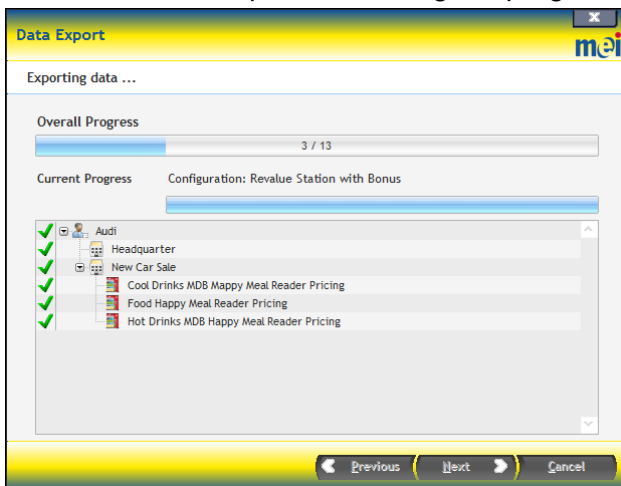
The required parts (customer, locations or profiles) of the database needs to be selected here. Confirm with **Next**:



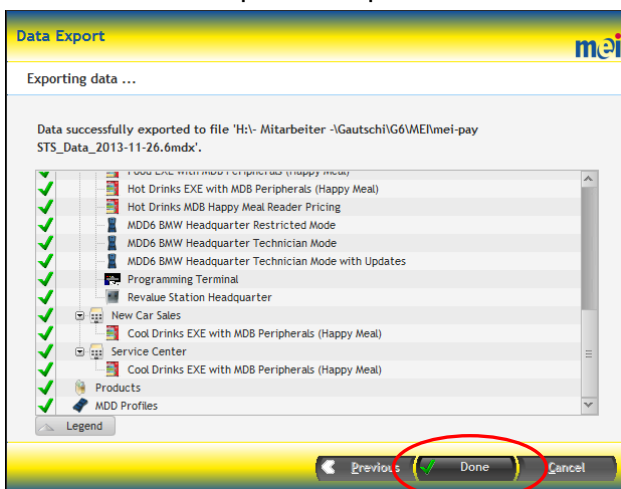
Enter a filename or select an existing folder with the button **Browse**. Confirm with **Next**:



The data will be exported showing the progress of each step:



At the end all completed steps will be shown. Confirm with **Done**:



11. Using MDD6 Handheld in the Field

This section describes how to use an MDD6 handheld with the various options in the field and how to transfer collected data from MDD6 to the backoffice.

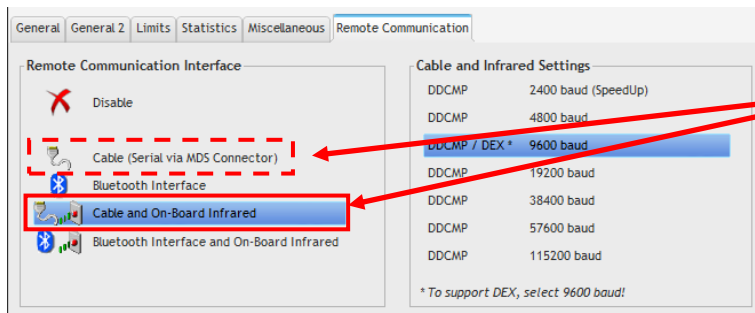
MDD6 must be completely set up prior to use it in the field. The required setup depends on the operating mode:

| | Operating Mode | | |
|---|-------------------------|---------------------------------|------------------------|
| | Universal EVA-DTS audit | Read out various G6 reader data | Programming G6 readers |
| create MDD6 configuration | X | X | X |
| download MDD6 configuration | X | X | X |
| create MDD6 profile | | | X |
| link MDD6 profile to MDD6 configuration | | | X |
| synchronise MDD6 profile | | | X |

11.1. Prerequisites to Use MDD6 with G6 Readers

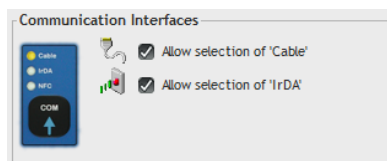
Reader communication options

The following communication options must be activated in the G6 reader:



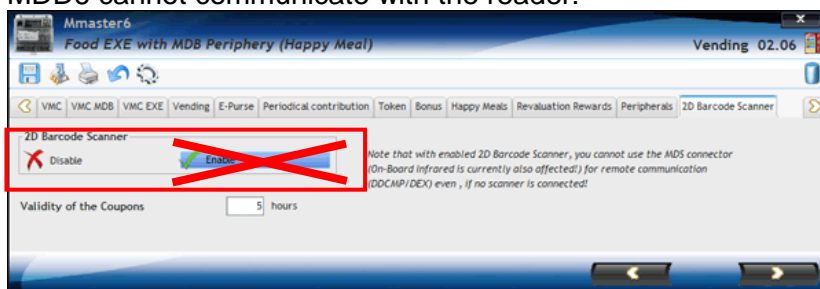
either option can be selected

If both interfaces are activated at MDD6-settings, the user can choose between **Cable** or **IrDA** on demand:



QR-code scanner

The QR-code option must be deactivated in the reader, otherwise the serial port is blocked and MDD6 cannot communicate with the reader:



IrDA communication

Please note:

If you connect an IrDA-Interface to a Msmart6 reader during operation, the reader must be rebooted in order to initialize the IrDA interface properly!

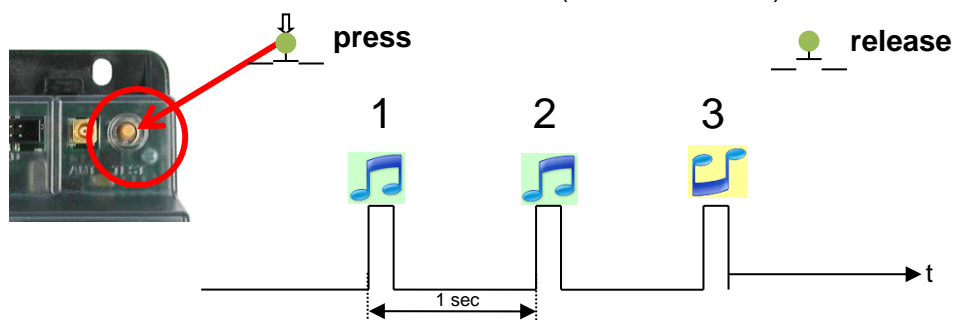


The IrDA interface (onboard or external interface) is not active all the time. The IrDA interface must be manually activated before any IrDA communication can be started.

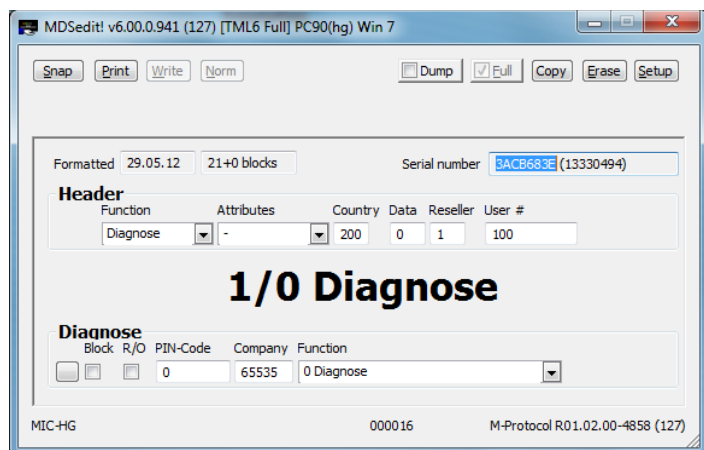
There are two options to activate the IrDA interface:

(1) use TEST button on reader

→ press TEST button and hold it until the reader makes the 3th beep (higher frequency)
 → release TEST button >> Function Nr. 3 (= IrDA interface) activated for 15 seconds



(2) use system U-KEY 1/0 Diagnose



Display message:



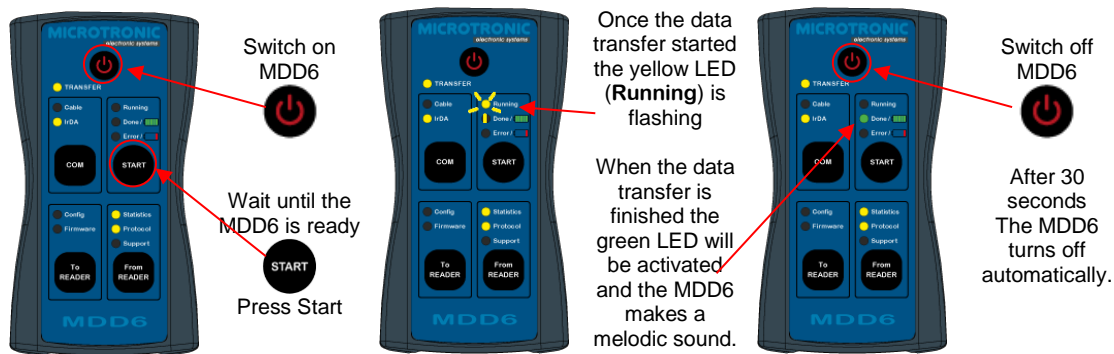
yellow LED is flashing

yellow > t / aprox. 15

→ please refer to **G6_Applications_TechDoc** for more details.

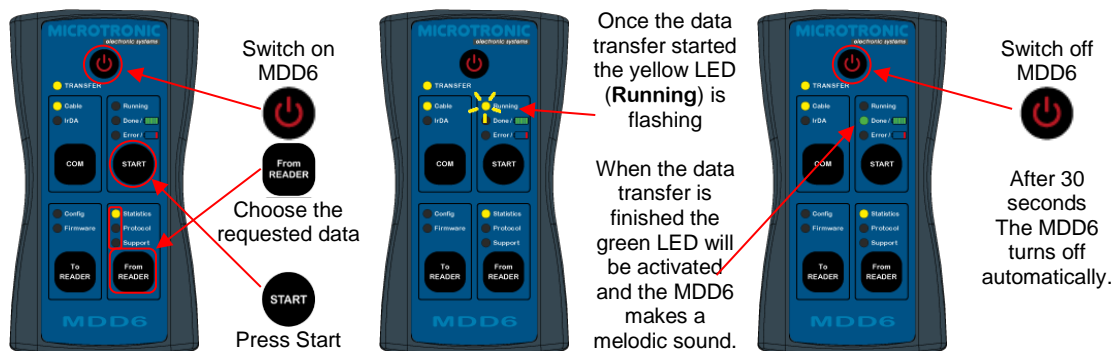
11.2. Read out Universal EVA-DTS Data

MDD6 is pre-programmed in this mode in order that the user only needs to click on the button **START** to start the readout procedure (COM may be chosen):



11.3. Read out Various G6 Reader Data

Data transfer of *Statistics*, *Protocols* or *Support_package* must be selected first with the button **From READER** and then click on button **START** to start the readout procedure (COM may be chosen):

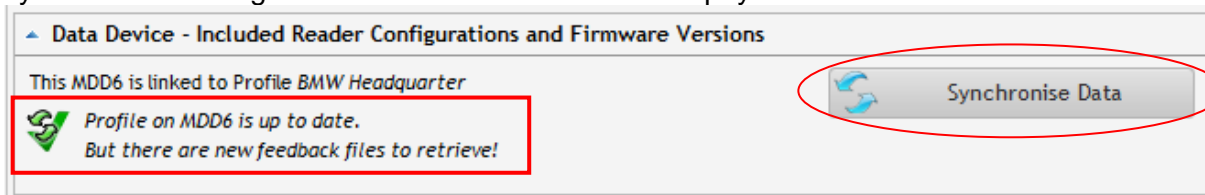


11.4. Program G6 Readers (only over cable)

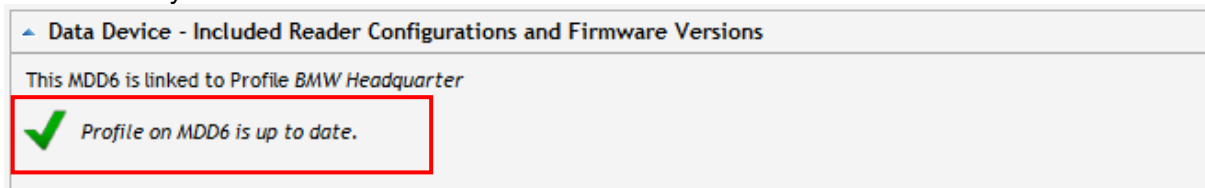
Configuration and firmware of reader can be updated. First switch to the Update-Function with the button **To READER** and then click on button **START** to start the update:



Each Reader-Update creates a feedback-File on the MDD6 and this file needs to be synchronised during the next connection with the mei-pay STS database.



Successful synchronisation confirmed:

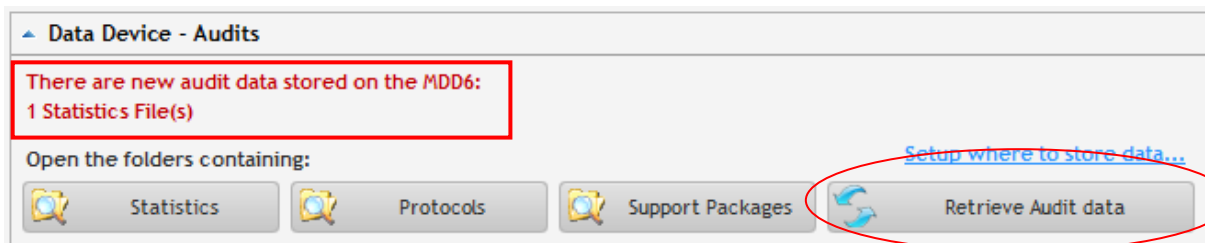


11.5. Transfer Collected Data from MDD6

Once the MDD6 has read out data from vending devices, G5 readers or from G6 readers, it must be connected to mei-pay STS.

mei-pay STS automatically displays all collected data which is stored on the MDD6.

Click on function **Retrieve audit data** to transfer all data from MDD6 → computer:



All transferred data will be shown at the end of process:

