Software operating instructions

ELS MasterCard management

V1.0 November 2018

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General

This manual describes the management of several master cards in the ELS software and the ELSmobile software.

If only one master card is read into the ELS software, the menus for managing and assigning master cards are not displayed.
These are available from the moment the second master card is read in.

If there is only one master card in the ELS software, it will be assigned to the ELS Pro device (type 48) and the ELS AccessManager V7 devices (type 26) directly by the software.
The master card is transferred to the device when it is programmed.

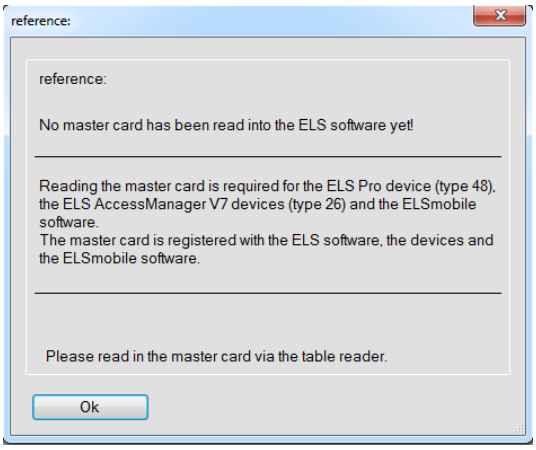
Important: Using the ELS software management with several master cards, all master cards must be read into the ELS software and written from it.

Note: The software version V5.5 is required for the management of several master cards.
Up to 200 master cards can be managed.

To manage the ELS Pro device (type 48) and the ELS AccessManager V7 devices (type 26), it is necessary to read a master card into the ELS software and ELSmobile software.
The master card is entered into the devices with the software as an authenticated master card.

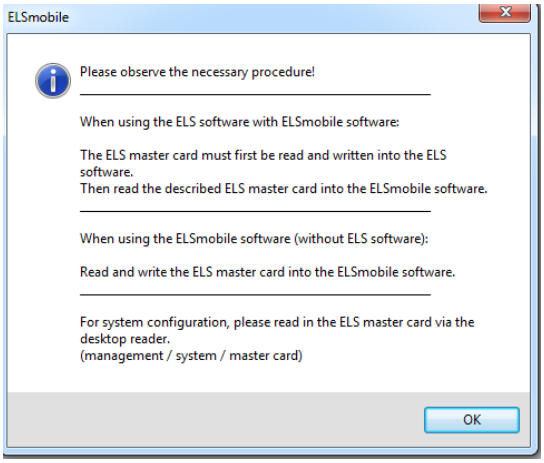
Note: An ELS desktop reader is required to read in the master card.

When creating an ELS Pro device (type 48) or an ELS AccessManager V7 device (type 26) in the **ELS software**, a message is displayed that no master card has yet been read in.
A master card must be read in.

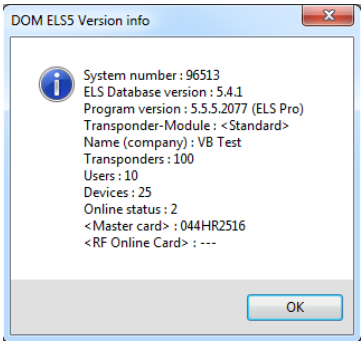


When creating an ELS Pro device (type 48) or an ELS AccessManager V7 device (type 26) in the **ELSmobile software**, a message is displayed that no master card has yet been read in.

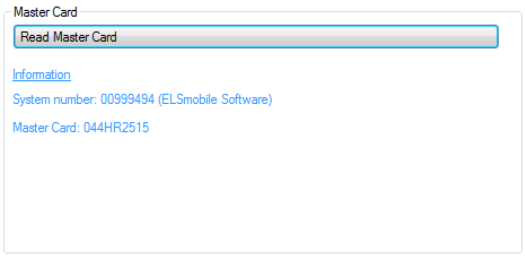
Note: If an ELS software is used for the ELSmobile software, the master card must first read into the ELS software.



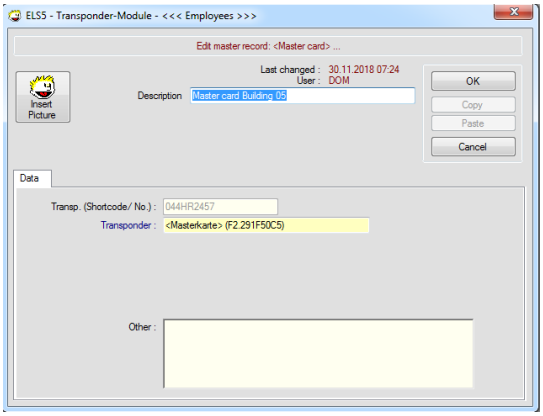
In the **ELS software**, the master card, which read in, is displayed in the menu **Help / Version info / Master card**.



In the **ELSmobile software**, the master card, which read in, is displayed in the menu **Administration / System / Master card**.



A master card is read in, via the ELS desktop reader.
When the master card is read into the ELS software, the **Transponder management** window for the master card is opened.

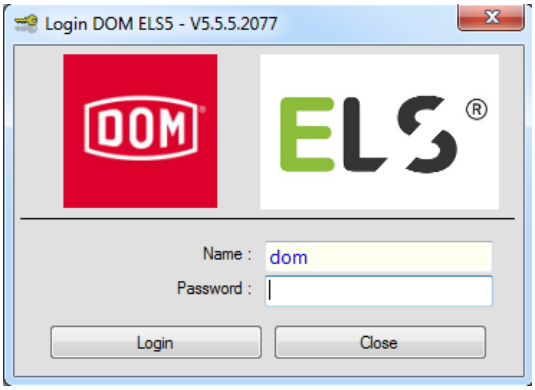


Start the ELS software.



Enter **name** and **password** and click on **[Login]**.

Note: The first login is made with the name "**dom**" and the password "**4711**".
(Please create a new operator after the first start or change the password to operator DOM)

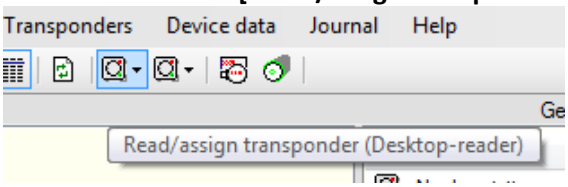


ELS Software: Read and manage master cards

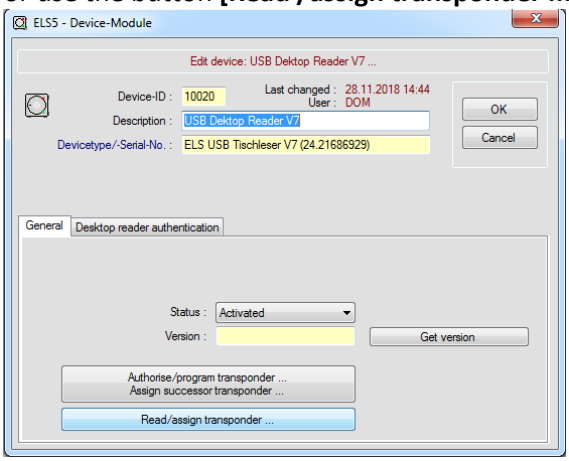
Read master card

Place the master card on the ELS desktop reader.

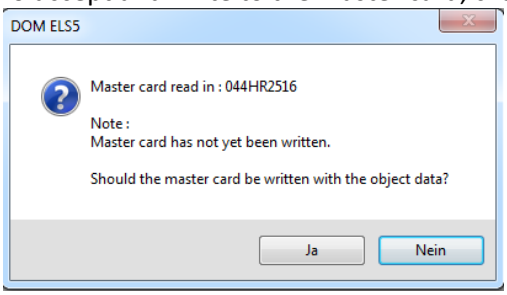
Click on the Button **[Read /assign transponder (Desktop reader)]** in the toolbar.



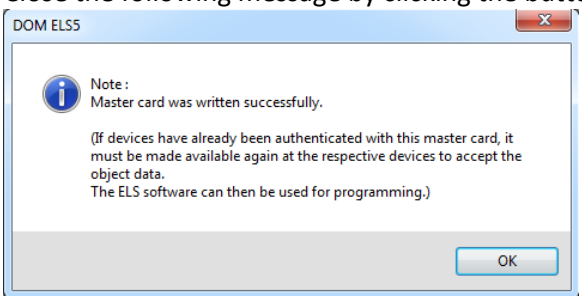
or use the button **[Read /assign transponder ...]** in the device management of the desktop reader.



To accept and write to the master card, click on the button **[Yes]** in the following message.



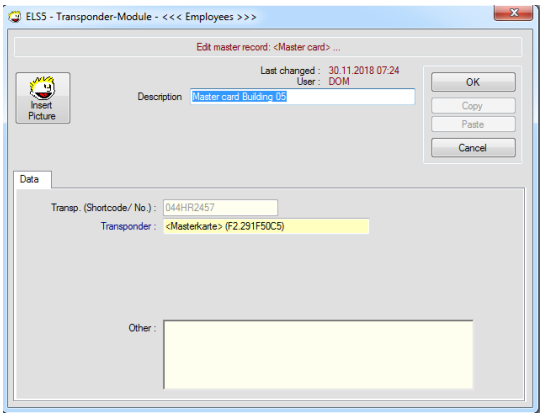
Close the following message by clicking the button **[OK]**.



The master card is transferred into the ELS software.

When the master card is read in, via the desktop reader, the Transponder administration window for the master card is opened.

You can assign a **description** to the master card in the Description field.

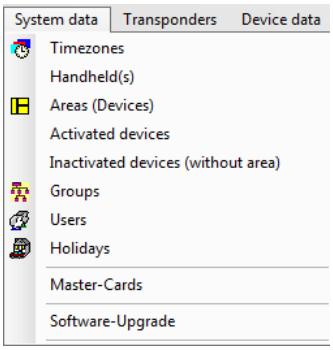


Accept the data by clicking the button **[OK]**.
The window is closed.

To read another master card into the ELS software, repeat the steps described above.

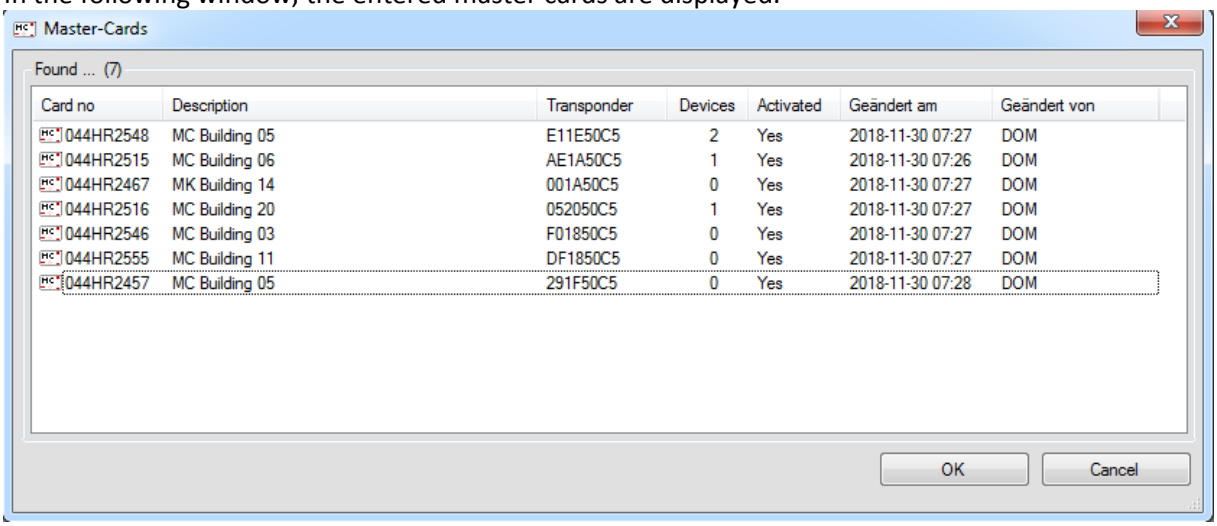
Master card: Administration

When the second master card is read in, the menu entry **Master Cards** is displayed under **System data**.



Select the menu entry **Master Cards**.

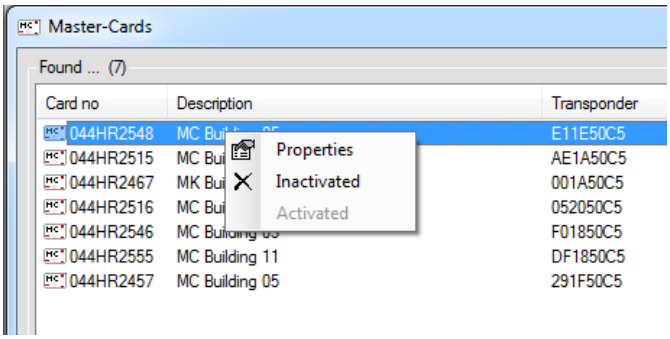
In the following window, the entered master cards are displayed.



The number of devices assigned to the master card and the status whether it is activated are displayed.

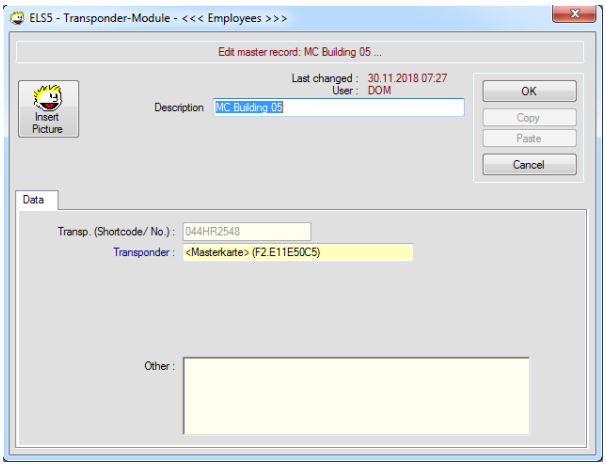
Note: The status **'Activated'** for the master card is set to **'Yes'** by default. This makes the master card visible in the device management.
If the status 'Activated' is set to No (=Inactivated), the master card is not visible in the management of the devices. This is only possible if no device is assigned.

To select the master card, **double-click** on it or select the **properties** entry with the right mouse button.



Selecting the master card opens the transponder management window for the master card.

In the description field you can assign a **description** to the master card.

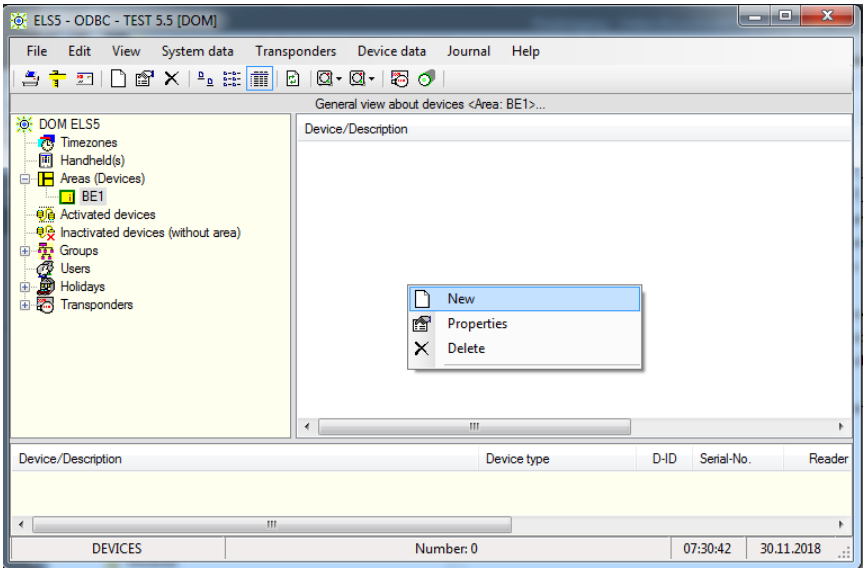


Accept the data by clicking on the button **[OK]**.
The window is closed.

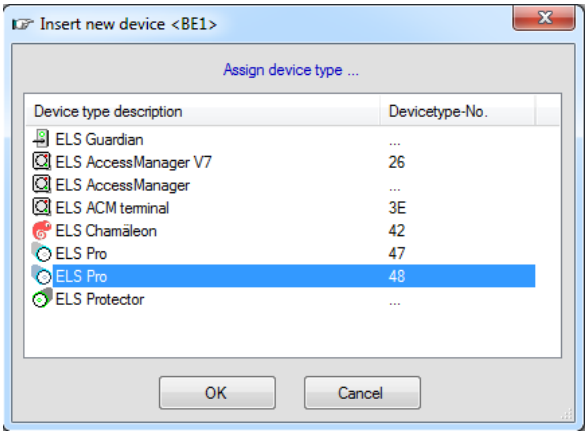
Master cards: Assigment to the device

Create a new area or select an existing area.

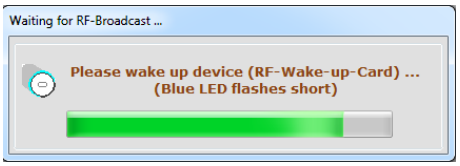
Click in the window **>General view about devices <Area…><** with the right mouse button and select **[New]**.
Alternatively, you can also start the process via the menu **Edit / New** or the **[New]** button/icon.



Select the respective device type (example: ELS Pro with device type no. 48) and accept the selection by clicking on the button **[OK]**.

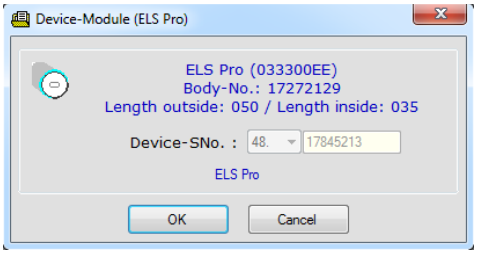


The window **>Waiting for RF-Broadcast ...<** opens.



Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

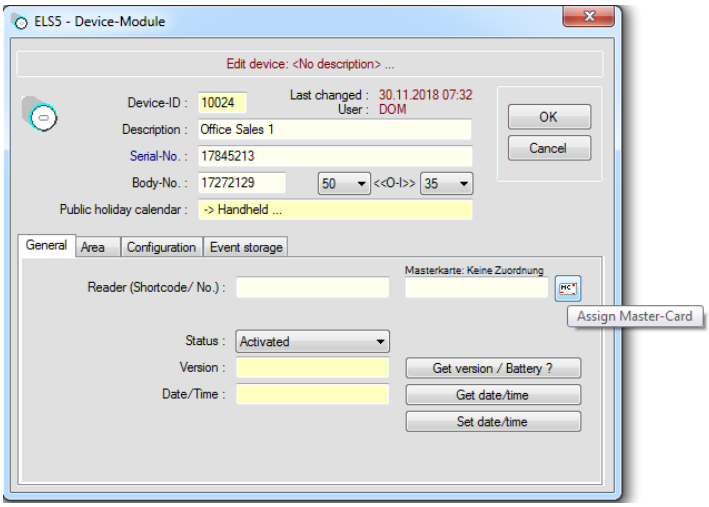
After showing the RF wake up card, the device is scanned in and finally displayed in the following window with the scanned device data.



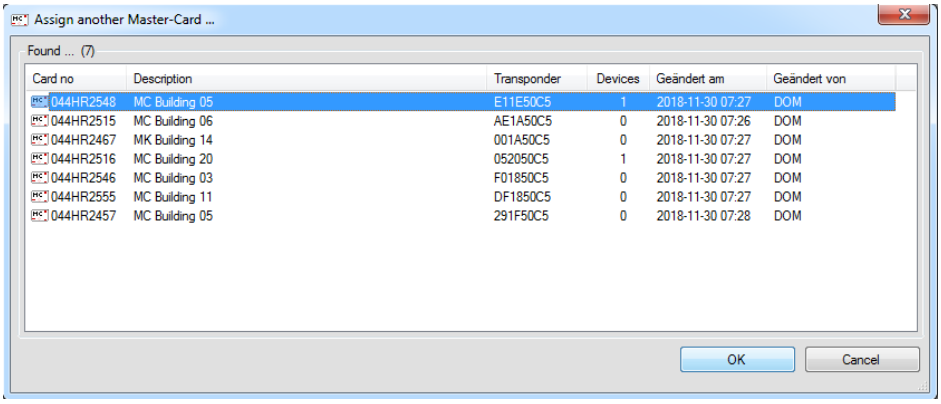
Accept the detected device in the ELS software by clicking the button **[OK]**.

The device management for the device opens.

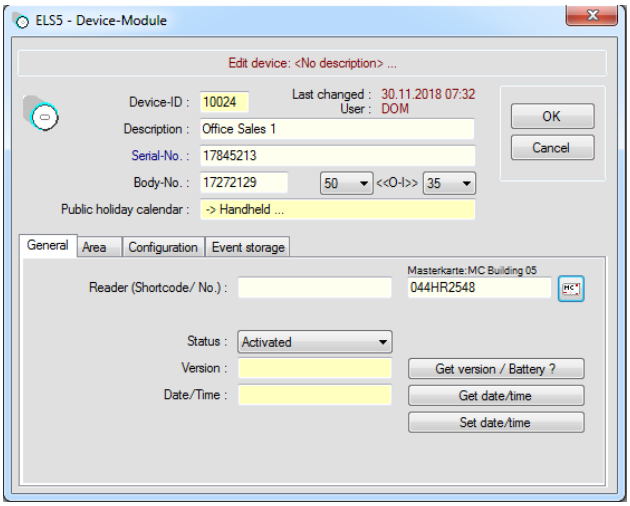
Enter a **description** for the device and set the status to **>Activated<.**
Select the master card in the tab **General** via the button **[Assign Master Card]**.



The master cards read into the system are displayed.
Select the master card and accept the selection by clicking on the button **[OK]**.

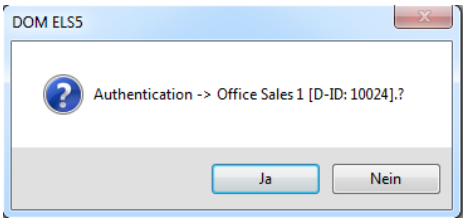


The selected master card is displayed in the Master card field.

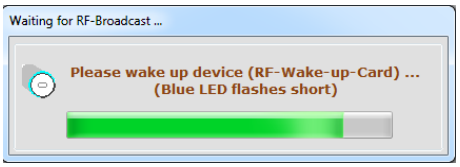


Accept the changes by clicking the button **[OK]**.

The message window will appear if the device is authenticated or not.
Confirm with the button **[Yes]**.



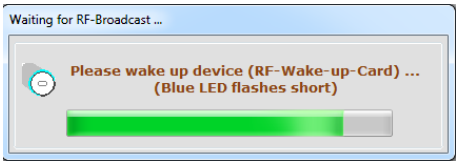
The window **>Waiting for RF-Broadcast ...<** opens.



Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

The authentication performed automatically.

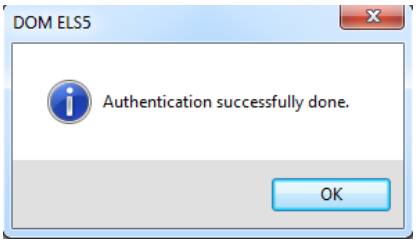
The window **>Waiting for RF Broadcast ...<** opens a second time for programming the master card.



Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

The master card is programmed automatically.

You will receive the following message when the programming has been successfully completed.

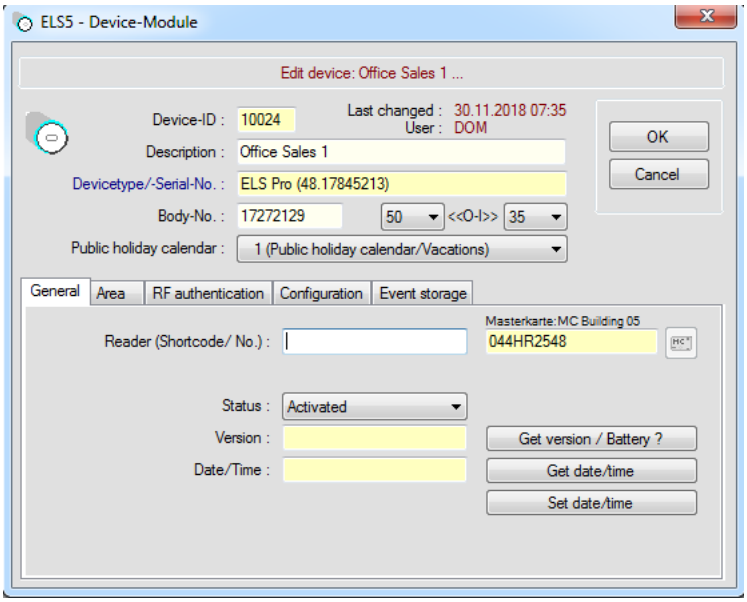


Click **[OK]**

The device has been created and is authenticated with the ELS software and programmed with the master card.

The assigned master card can now be used on the device.

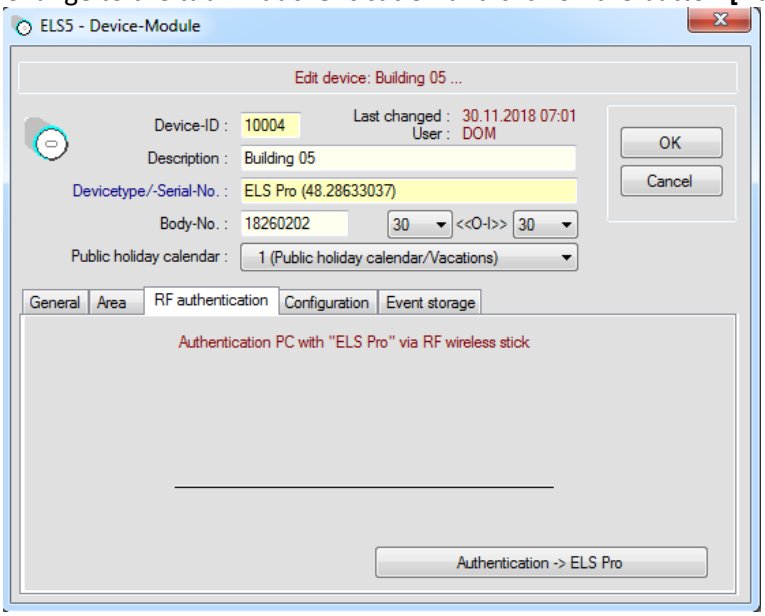
The assigned master card is displayed when the device management is called up again.



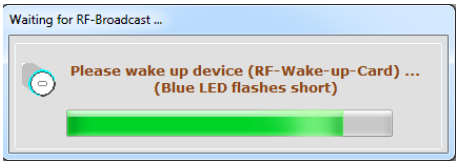
Note: The assignment of the master cards cannot be changed directly.
For this, the authentication of the device must be cancelled.
(See Chapter: Master Cards: Cancel assignment to device)

Master cards: Cancel assignment to device

Select the device and open the device management for the device.
Change to the tab **RF authentication** and click on the button **[Authentication -> ELS Pro]**.

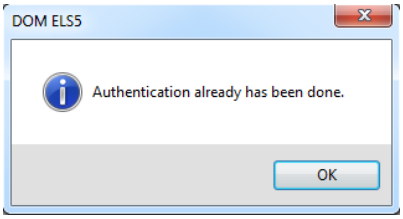


The window **>Waiting for RF Broadcast ...<** opens.

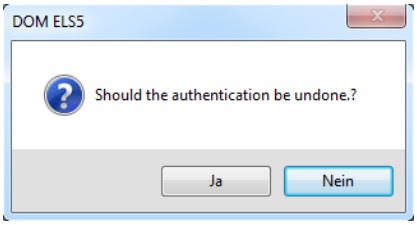


Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

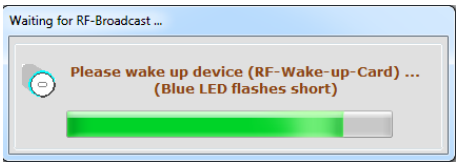
A message window will appear indicating that the authentication has already been performed.
Confirm the message with **[OK].**



The message window appears if the authentication should be reset or not. Confirm with **[Yes].**

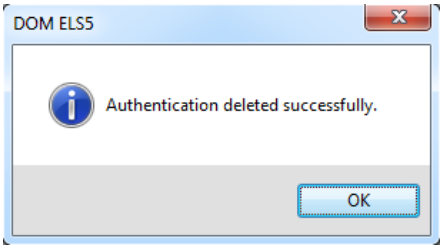


The window **>Waiting for RF Broadcast ...<** opens.



Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).
The authentication is reseted.

You will receive the following message when the authentication has been successfully deleted.

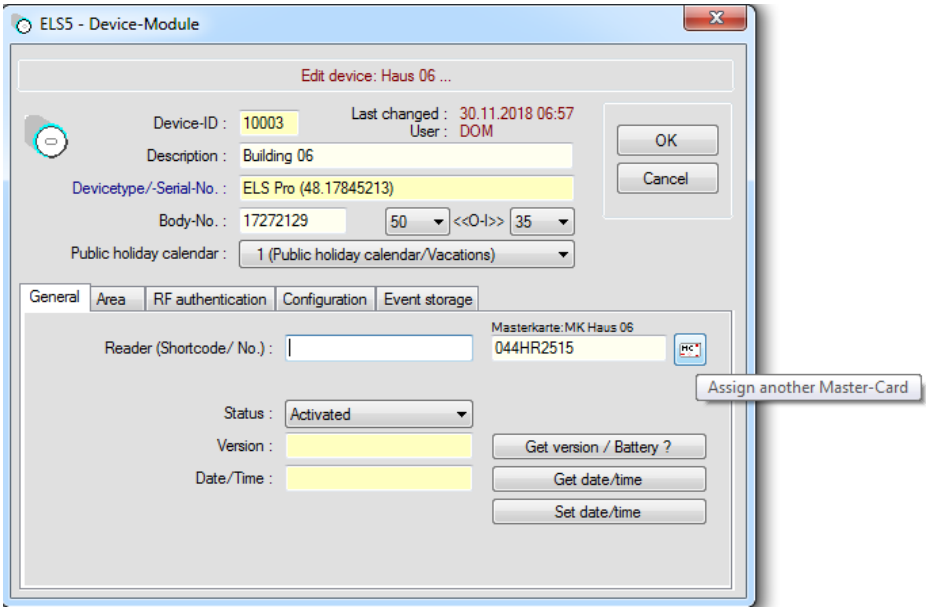


Click **[OK]**.

The authentication to the device has been reset.

Close the device management for the device.

When the device management is reopened, the function **[Assign another Master Card]** for selecting a master card is enabled again.



Master cards: Management ELS Pro (Type 48) with ELS RF NetManager V7

This manual describes the possibilities of assigning master cards to the devices ELS Pro (type 48) with ELS RF NetManager V7.

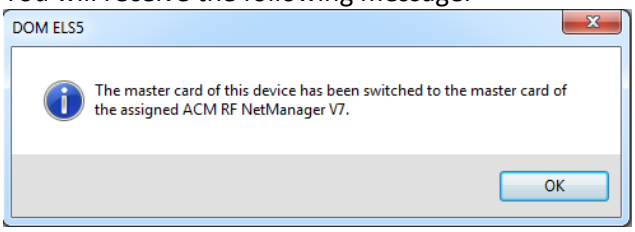
Note: For the online configuration procedure, please refer the instructions '
ELS Software_Instruction_Commissioning_ELS_Pro(Typ48)_Ver.1.0.pdf.'

Important: The master cards assigned, to the devices ELS Pro (type 48) and ELS RF NetManager V7, must be identical.
An authentication of devices ELS Pro (type 48) and ELS RF NetManager V7 with different master cards is not possible.

The ELS software verifies the assignment of master cards between the devices ELS Pro (type 48) and ELS RF NetManager V7.

If the assignment of the master cards does not match, the unauthenticated ELS Pro device (type 48) is assigned the master card from ELS RF NetManager V7.

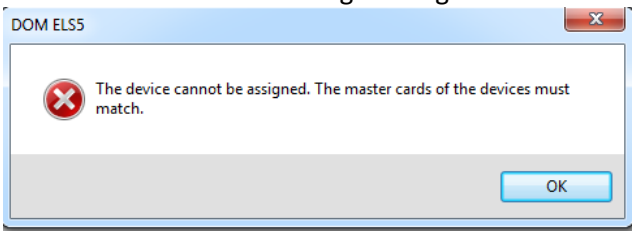
You will receive the following message.



Click **[OK]** to close the window.

If the ELS Pro device (type 48) is already authenticated with another master card, the master card cannot be assigned by the ELS RF NetManager V7.

You will receive the following message



Click **[OK]** to close the window.

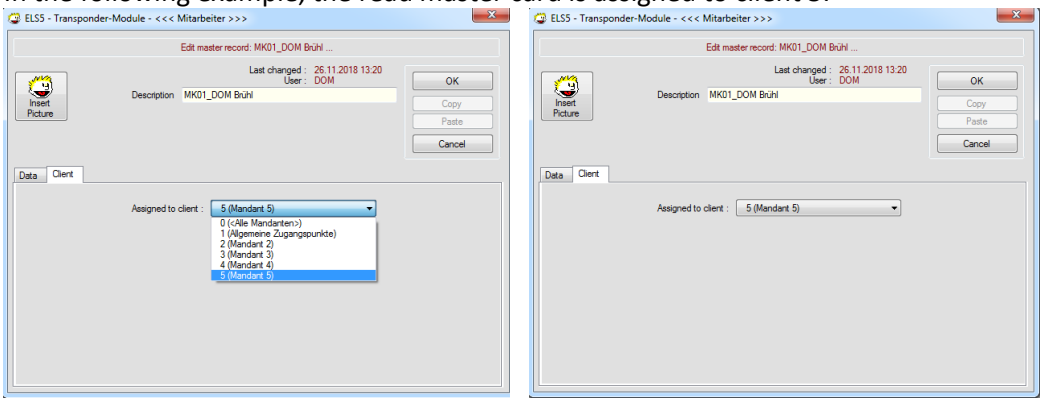
Note: The assignment of the master cards must be modified, so that it corresponds between the devices ELS Pro (type 48) and ELS RF NetManager V7.
(See Chapter: Master Cards: Cancel assignment to device)

Master cards: Clients

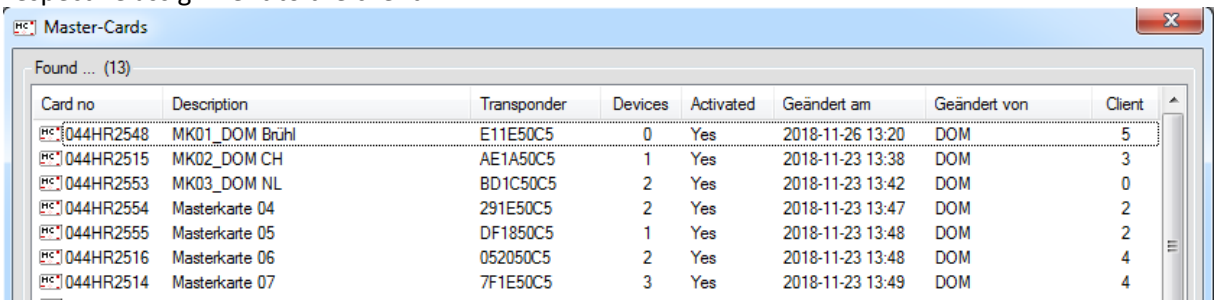
In the client version of the ELS software, the read master card can be assigned to a client.

When calling up a client, the master cards which assigned to this client are shown in the System data / Master cards function and in the device management.

In the following example, the read master card is assigned to client 5.

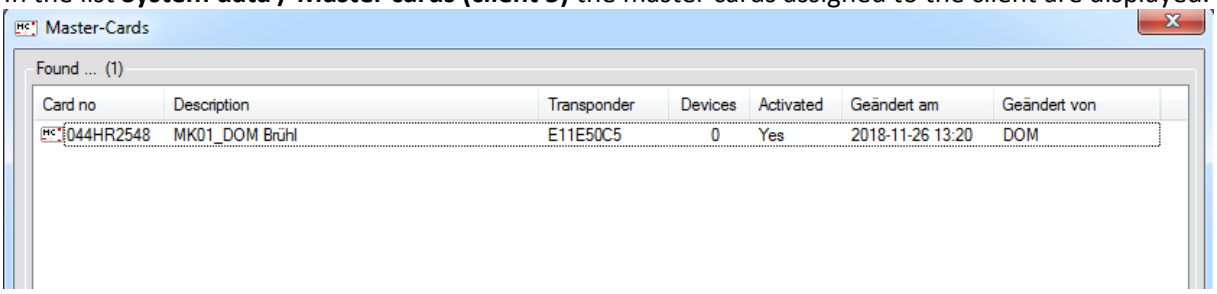


In the list **System data / Master cards (All clients)**, all master cards are displayed with their respective assignment to the client.



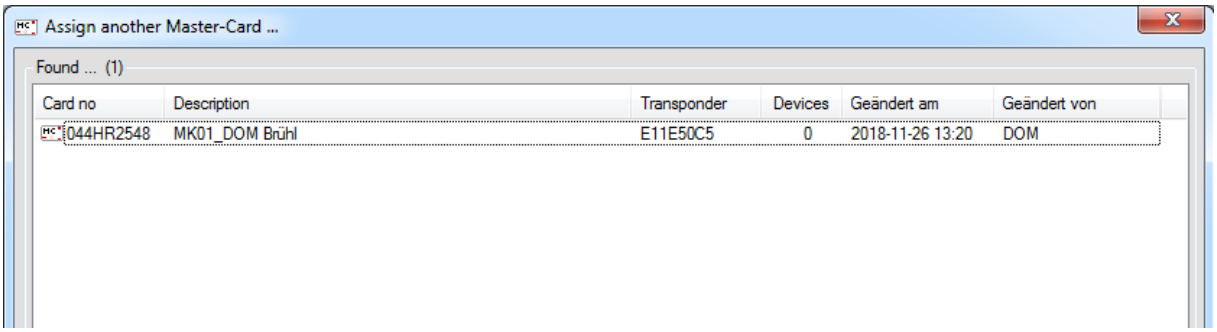
Card no	Description	Transponder	Devices	Activated	Geändert am	Geändert von	Client
044HR2548	MK01_DOM Brühl	E11E50C5	0	Yes	2018-11-26 13:20	DOM	5
044HR2515	MK02_DOM CH	AE1A50C5	1	Yes	2018-11-23 13:38	DOM	3
044HR2553	MK03_DOM NL	BD1C50C5	2	Yes	2018-11-23 13:42	DOM	0
044HR2554	Masterkarte 04	291E50C5	2	Yes	2018-11-23 13:47	DOM	2
044HR2555	Masterkarte 05	DF1850C5	1	Yes	2018-11-23 13:48	DOM	2
044HR2516	Masterkarte 06	052050C5	2	Yes	2018-11-23 13:48	DOM	4
044HR2514	Masterkarte 07	7F1E50C5	3	Yes	2018-11-23 13:49	DOM	4

In the list **System data / Master cards (client 5)** the master cards assigned to the client are displayed.



Card no	Description	Transponder	Devices	Activated	Geändert am	Geändert von
044HR2548	MK01_DOM Brühl	E11E50C5	0	Yes	2018-11-26 13:20	DOM

In the list **'Assign other master card...'** in the device management for the device, the master cards of the selected client, are always displayed.



Note: When assigning a master card to a device, which is assigned to client 0, the master cards from client 0 are displayed.

ELS software with ELSmobile software: Master cards

The ELSmobile software can be used for data exchange with the offline devices. Depending on the number of available offline devices either the data of all devices or only the data of selected devices can be loaded into the ELSmobile software. This data is then transferred to the offline devices using the ELSmobile software.
Furthermore, it is possible to transfer the event data of a certain number of offline devices from these devices to the ELSmobile software. The ELS program then reads this event data from the ELSmobile software and stores it in the database.

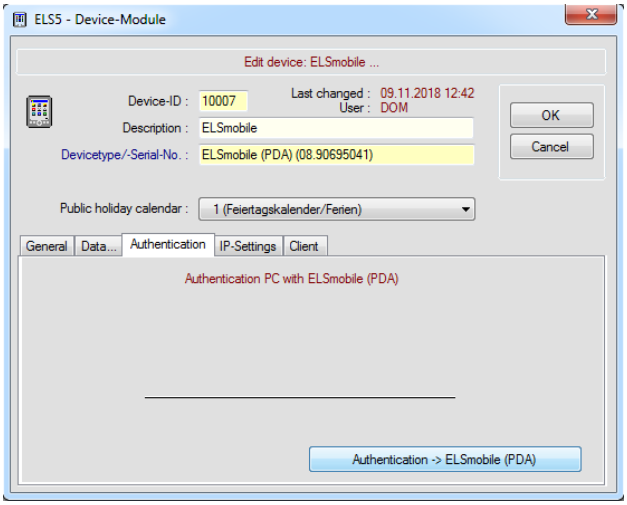
Note: It is not necessary to assign the ELSmobile software with the master card, as an authorized programming device, to the ELS Pro (type 48) and ELS AccessManager V7 (type 26) devices.

Install ELSmobile software in the ELS software

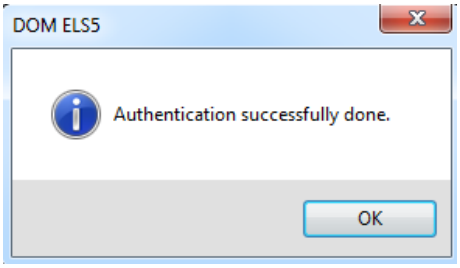
The ELSmobile software must be created in the ELS software as an authorized programming device.

Note: The procedure for installing the ELSmobile software in the ELS software can be found in the general instructions for the ELS software.

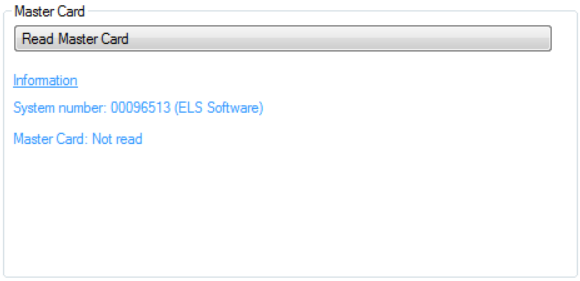
Authenticate the ELSmobile software with the button **[Authentication -> ELSmobile]** in the device administration of the ELSmobile software in the register **'Authentication'**.



The successful authentication displays. Close the message by clicking the button **[OK]**.



To authenticate the ELSmobile software with the ELS software, the system number of the ELS software is displayed in the menu **Administration / System / Master card**.



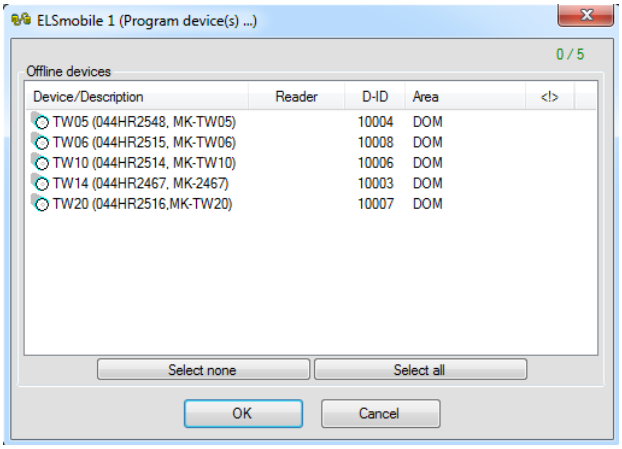
Programming ELSmobile software with device data

Note: The ELS Pro (type 48) and ELS AccessManager V7 (type 26) devices are displayed in the list of devices to be programmed after complete authentication with the ELS software.

To program the ELSmobile software with device data, select the menu **Device data / Programming**. Select the **ELSmobile software** in the displayed device list.

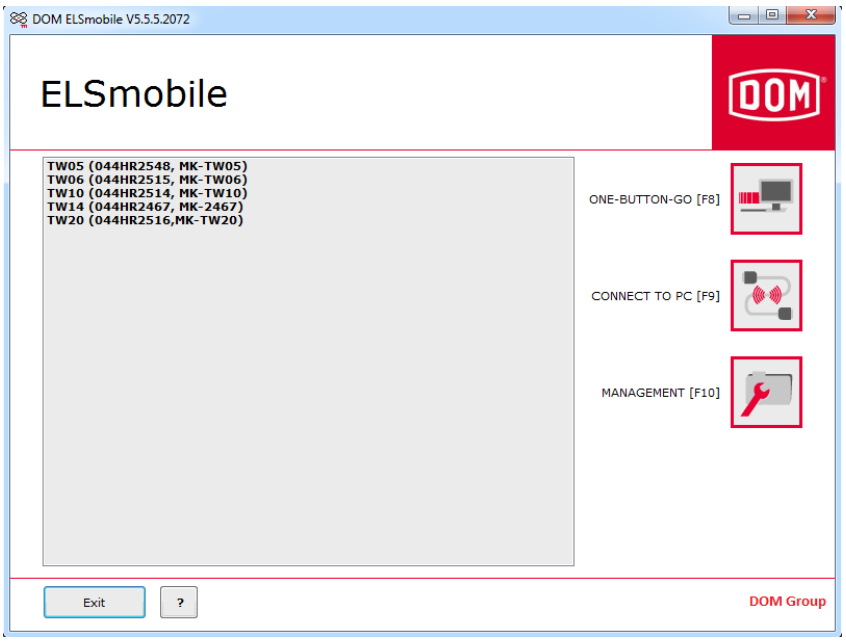
The ELS software shows you the list of offline devices to be programmed.

Select the device to be programmed and click on the button **[OK]**.



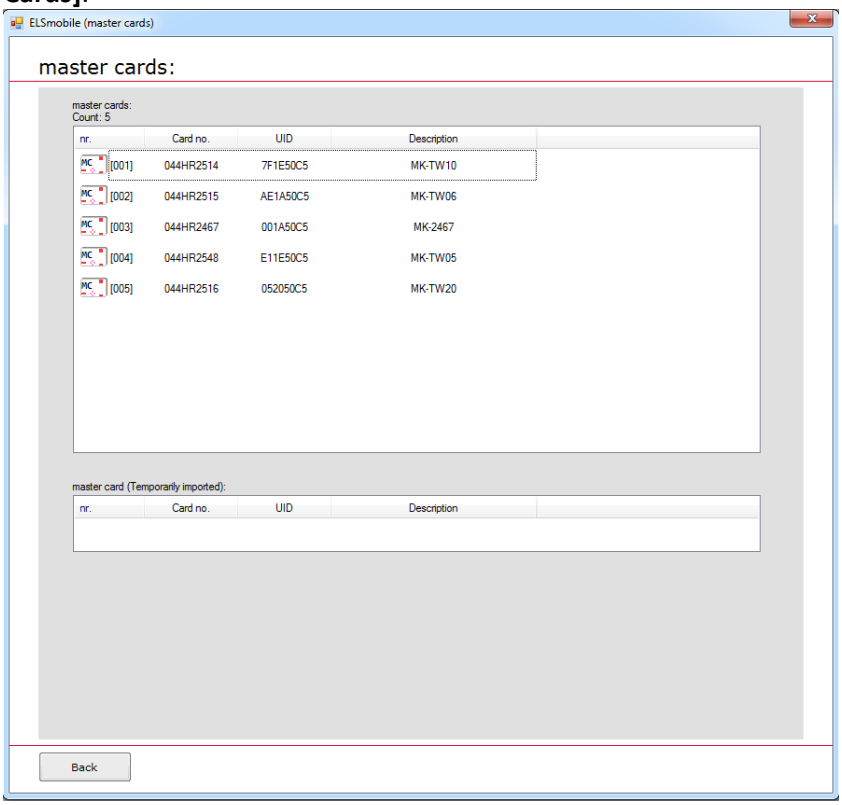
Note: With the selection of the devices the assigned master cards are transferred to the ELSmobile software.
A basic transfer of all master cards, which are in the ELS software available, does not take place here.

The selected devices are then transferred to the ELSmobile software.



With the transmission of the device data, the master cards belonging to the devices are transferred.

In the menu **Management / System / Master Card** you can view these via the button **[Show Master Cards]**.

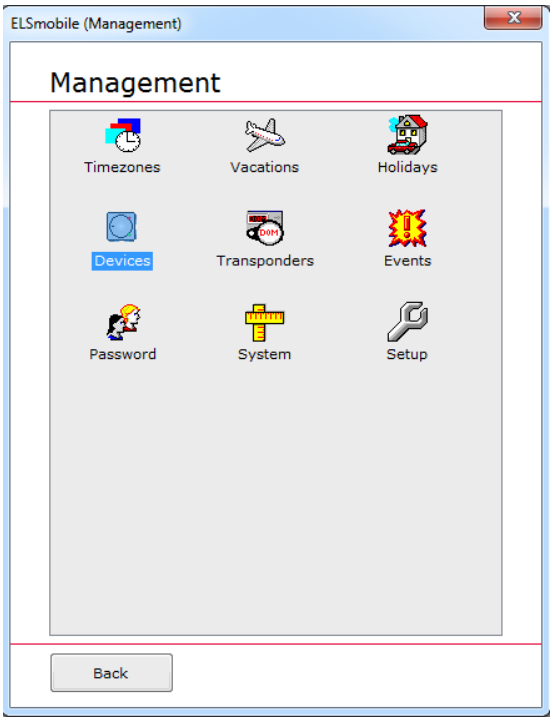


The ELSmobile software is now ready to exchange data with the offline device.

ELSmobile software: Add device

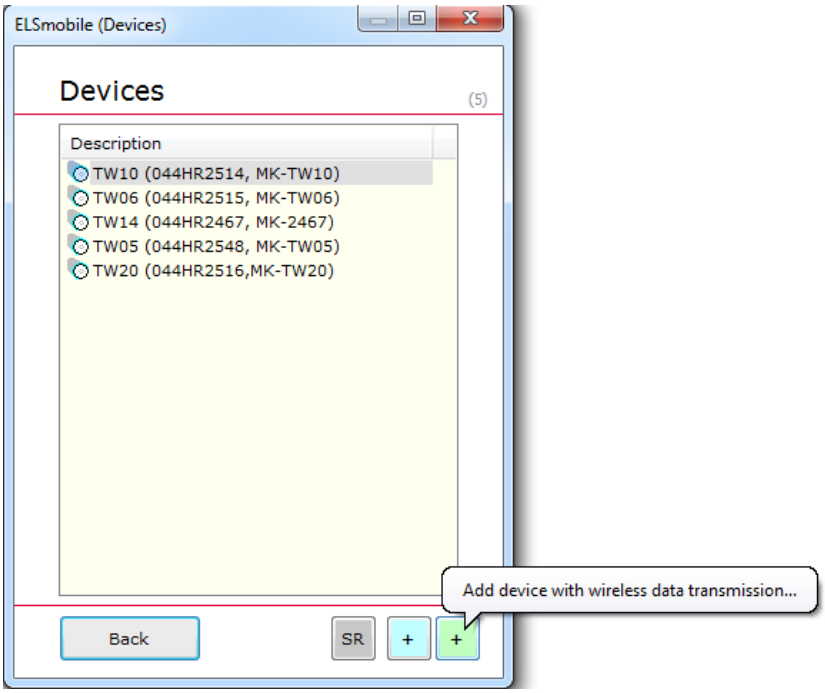
Master card available in the ELSmobile software

If the ELSmobile software is installed, you can create new devices and assign a master card from the list of master cards.

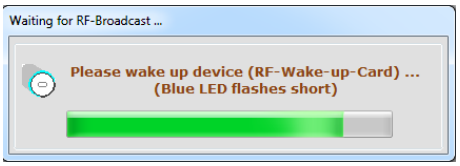


Click on the button **[Devices]** in the administration

Then press the button **[+].**



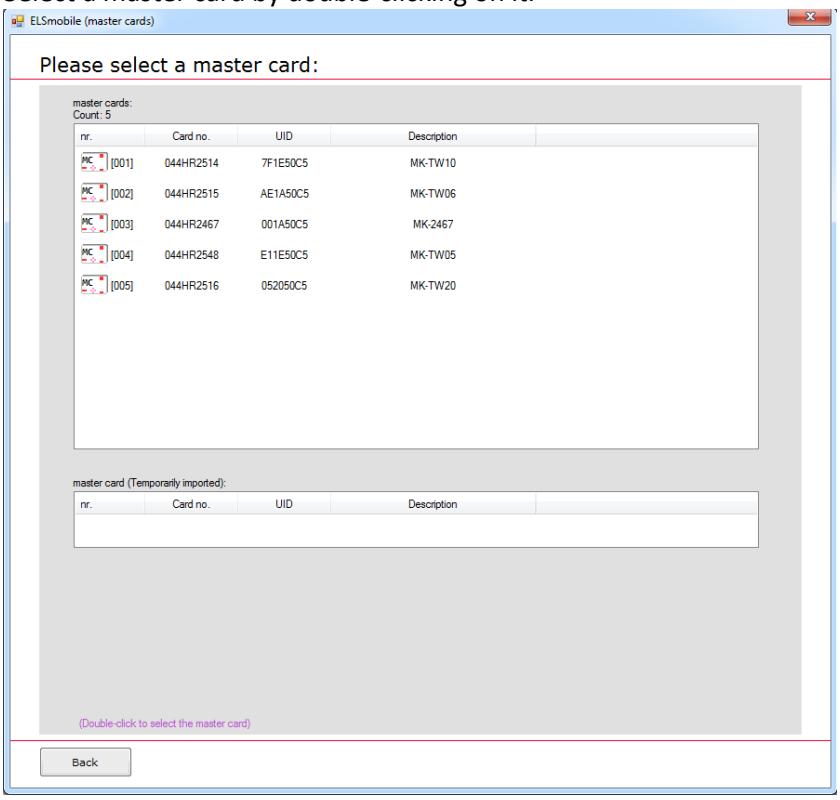
The window **>Waiting for RF Broadcast ...<** opens.



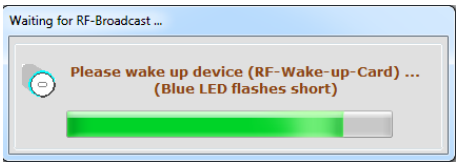
Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

The list of master cards is displayed.

Select a master card by double-clicking on it.



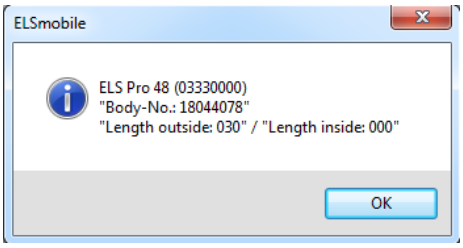
The window **>Waiting for RF Broadcast ...<** opens.



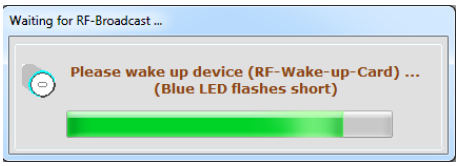
Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

The authentication of the device is performed and the master card is assigned.

After successful authentication, the device data is displayed in the following window.

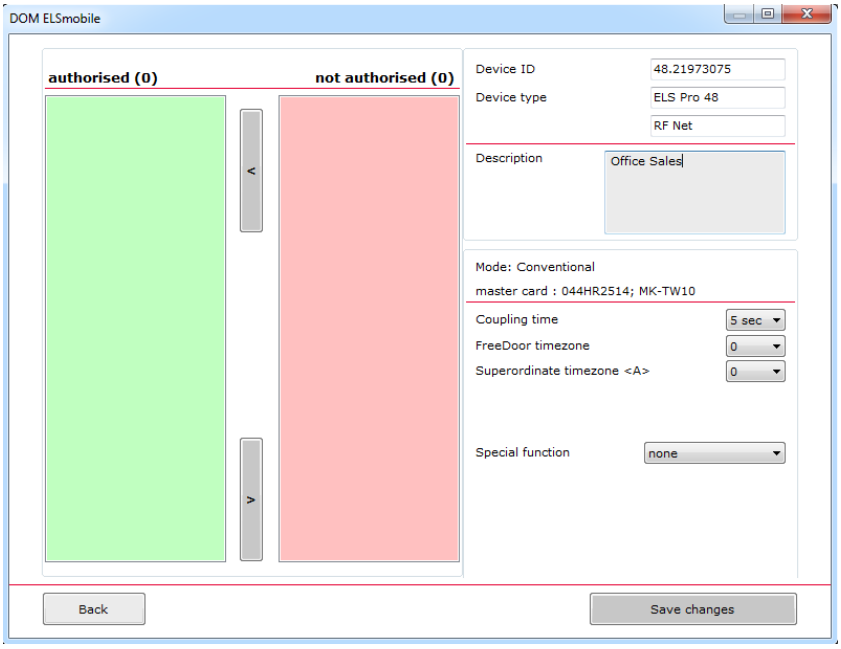


The window **>Waiting for RF Broadcast ...<** appears again.



Follow the instructions in the ELSmobile software.

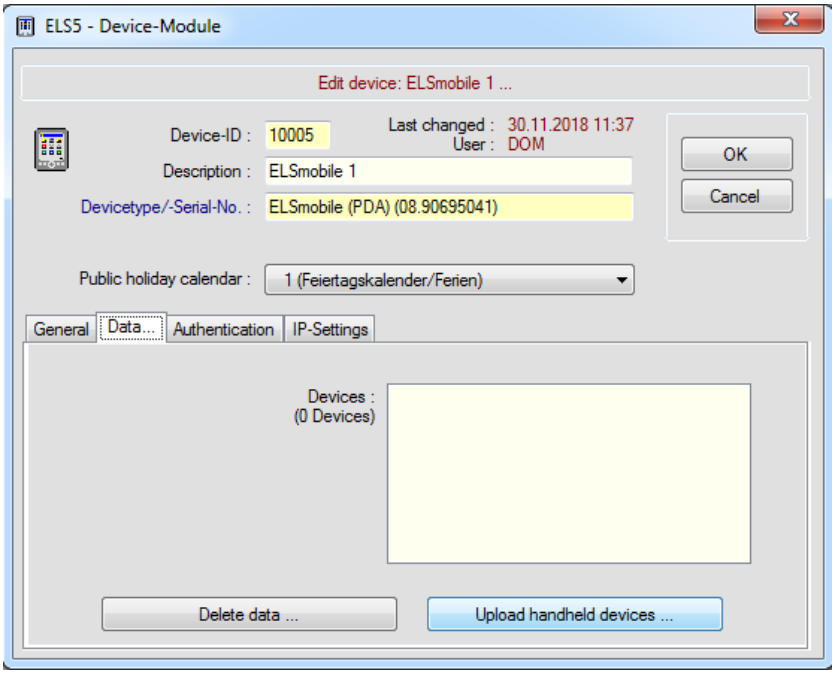
The assigned master card is displayed in the device management.



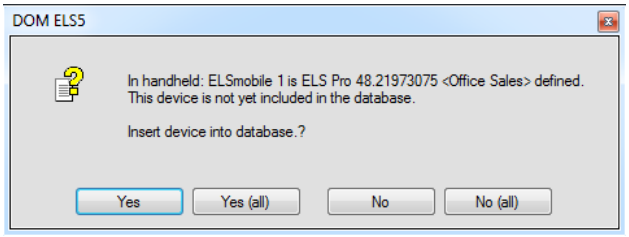
The newly added device (here: Office Sales) can then be read into the ELS software for further administration.

Open the device management for the ELSmobile software in the ELS software.

Change to the register **'Data ...'** and click on the button **[Upload handheld devices ...].**



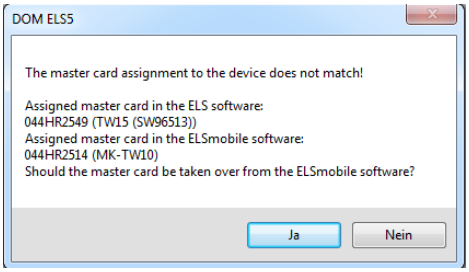
You will receive the message that there is a device (here: office sales) in the ELSmobile software which is not yet available in the database of the ELS software.



Accept the new device by clicking on the button **[Yes]**.

The new device is accepted with the assigned master card.

Confirm the message by clicking the button **[Yes]**.

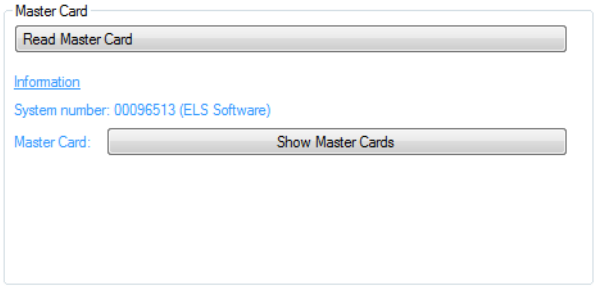


Master card not available in the ELSmobile software

If the master card that you want to assign to a new device is not available in the list of master cards, a system-related master card can be added as a "Temporarily imported" master card.

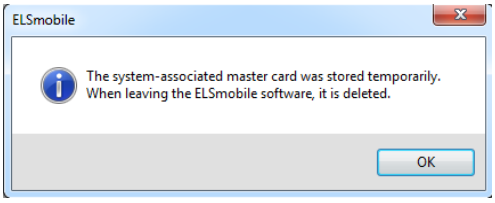
Place the system-related master card on the desktop reader.

Click under Administration / System / Master card on the button **[Read master card]**.



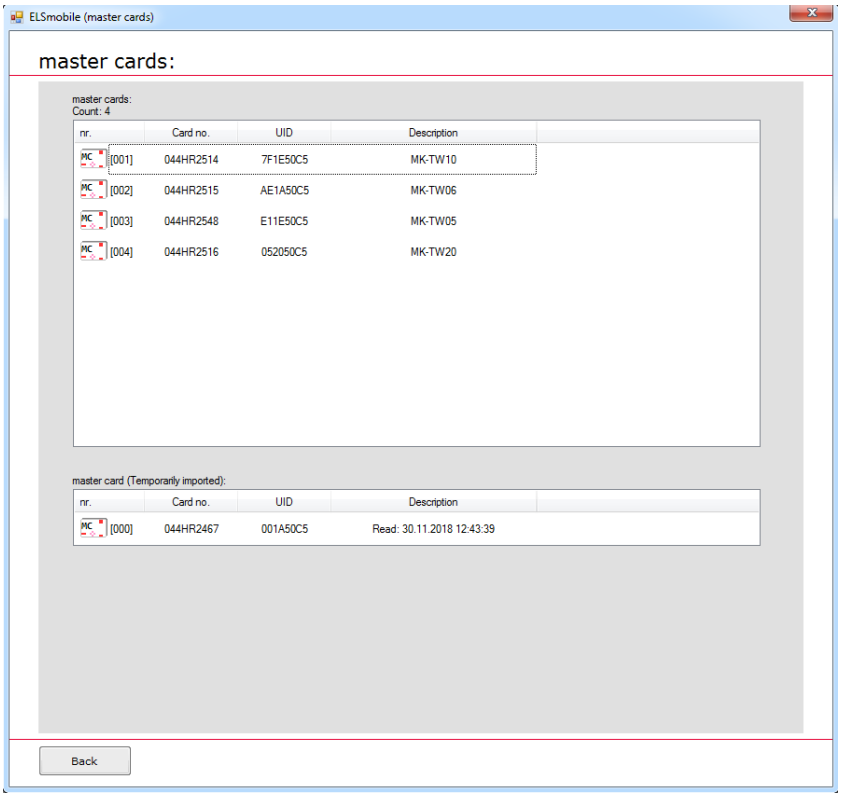
The system-related master card is read into the ELSmobile software and stored temporarily.

Close the window by clicking the button **[OK]**.



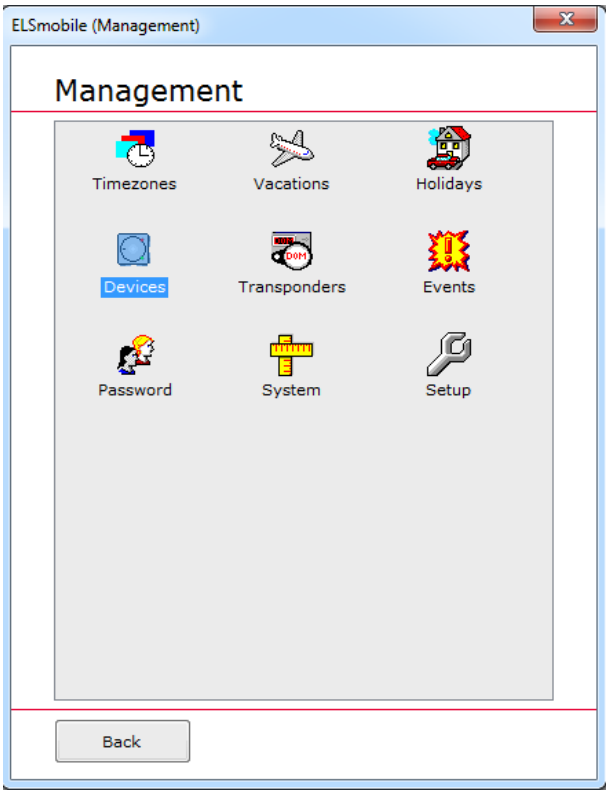
Note: The temporarily read master card is deleted when the ELSmobile software is closed..

Click on the button **[Show Master Cards]**.

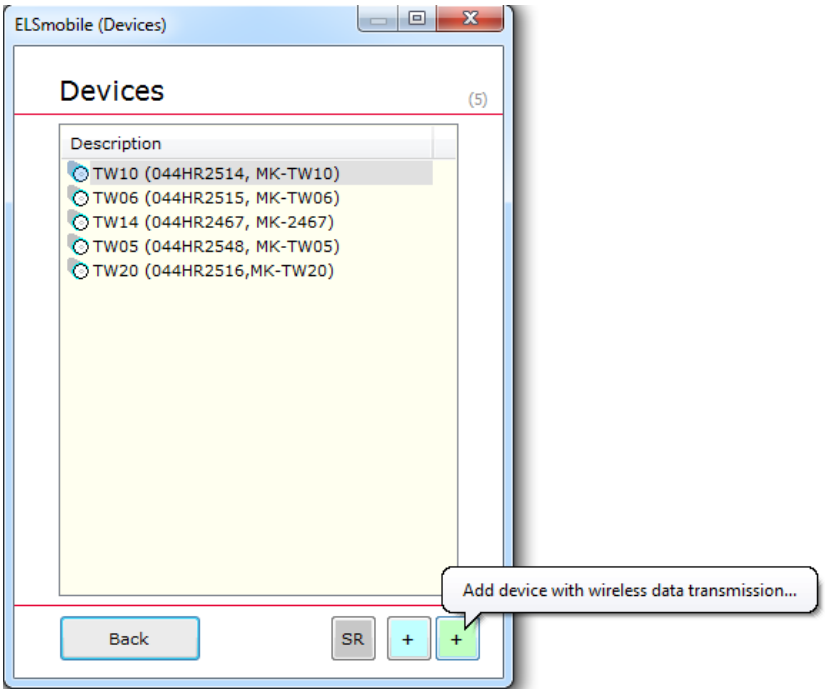


The imported master card is displayed in the list Master Card (Temporarily imported).

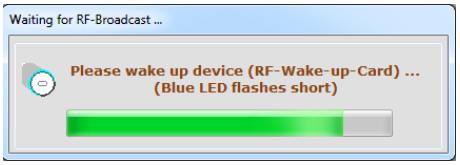
Click on the button **[Devices]** in the Administration menu.



Then press the button **[+].**



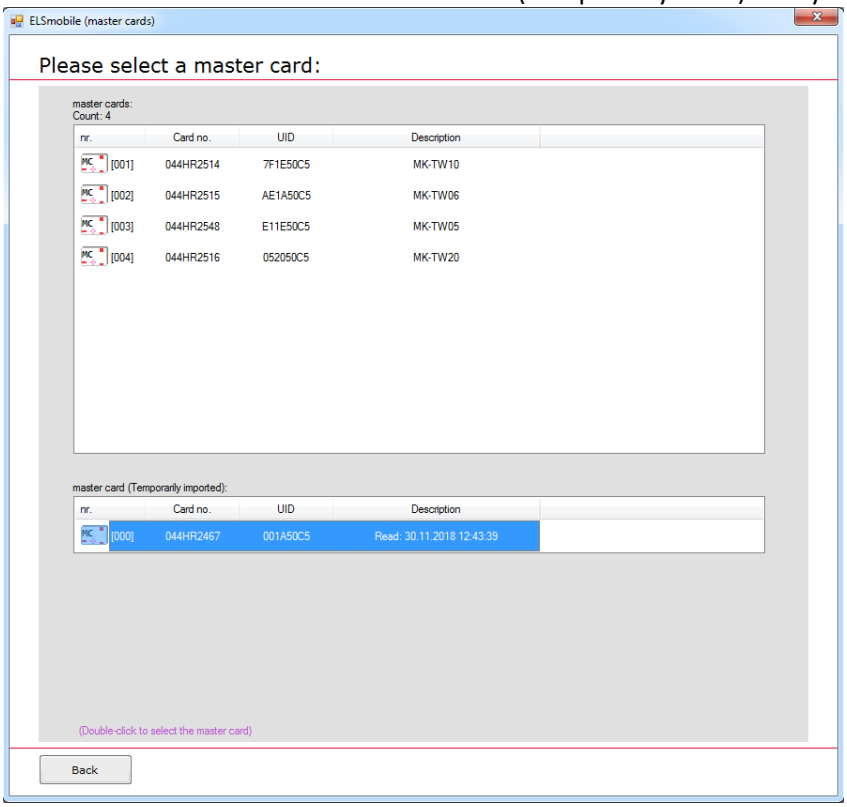
The window **>Waiting for RF Broadcast ...<** opens.



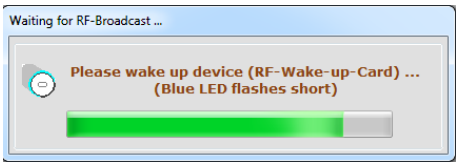
Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

The list of master cards is displayed.

Select a master card from the Master Card (Temporarily Read) list by double-clicking it.



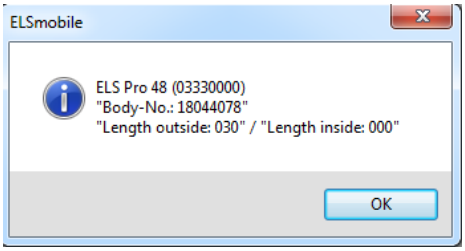
The window **>Waiting for RF Broadcast ...<** opens.



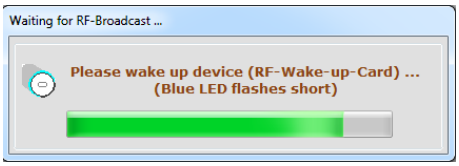
Activate the RF broadcast from the device by holding the RF wake up card in front of it within the waiting time (10 seconds).

The authentication of the device is performed and the master card is assigned.

After successful authentication, the device data is displayed in the following window.

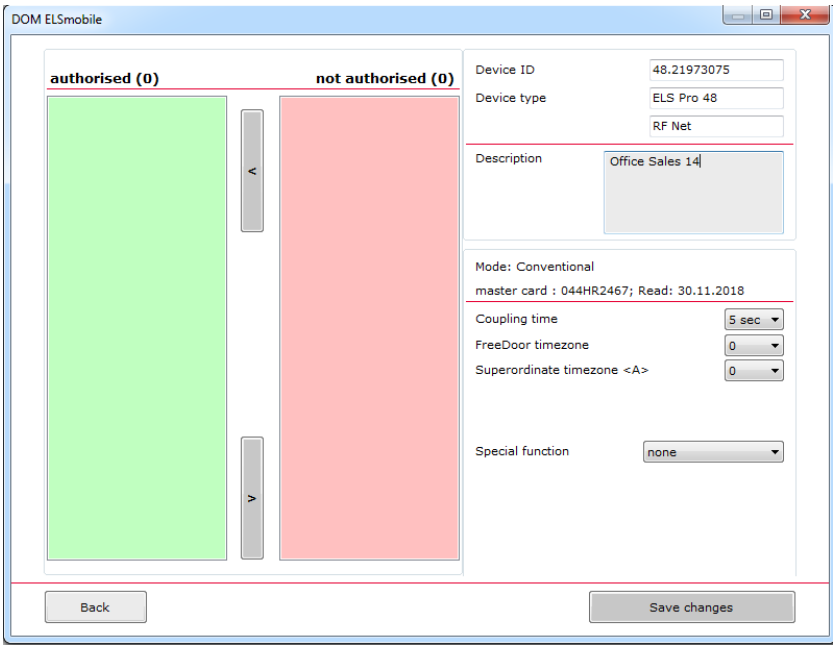


The window **>Waiting for RF Broadcast ...<** appears again.

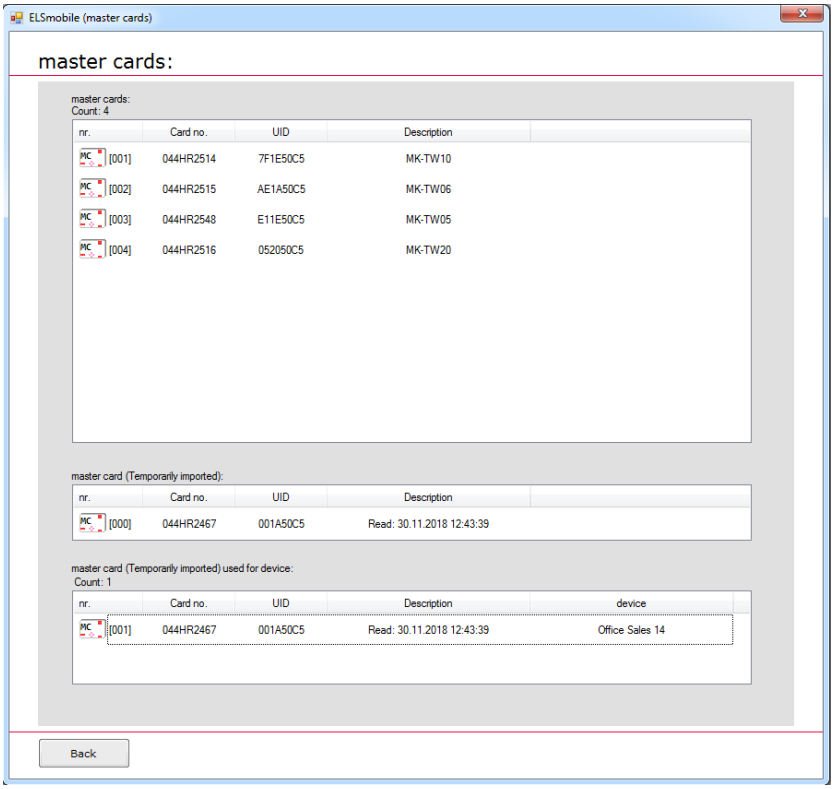


Follow the instructions in the ELSmobile software.

The assigned master card is displayed in the device management.



The newly created device with the assigned Temporarily imported master card is displayed in the list **Master Card (Temporarily imported)** used for Device:

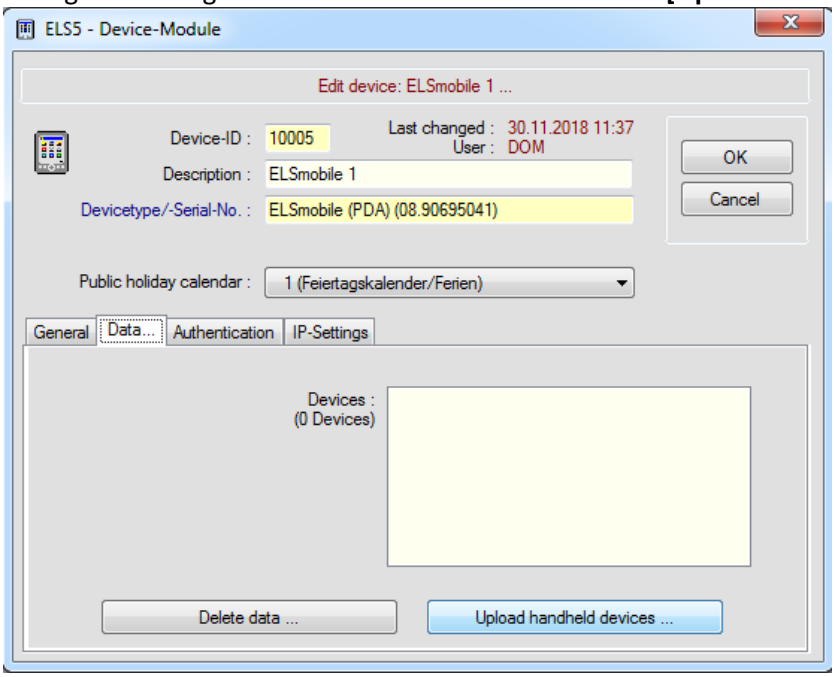


Note: If the temporarily imported master card is assigned to a device, this assignment is not deleted when closing the ELSMobile software.

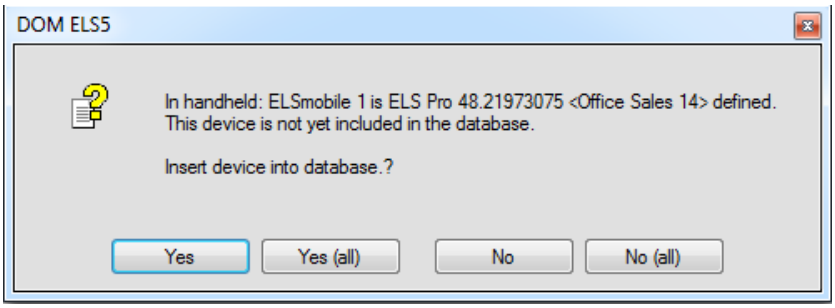
The newly added device (here. Office Sales 2) can then be read into the ELS software for further administration.

Open the **device management** for the **ELSmobile software** in the ELS software.

Change to the register **'Data ...'** and click on the button **[Upload handheld devices ...]**.

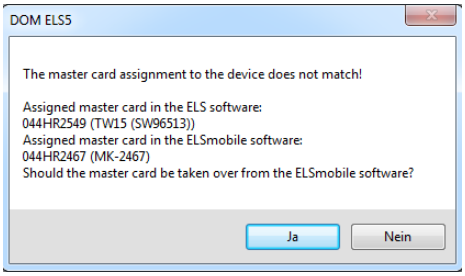


You receive the message that there is a device (here: office sales) in the ELSmobile software which is not yet available in the database of the ELS software.

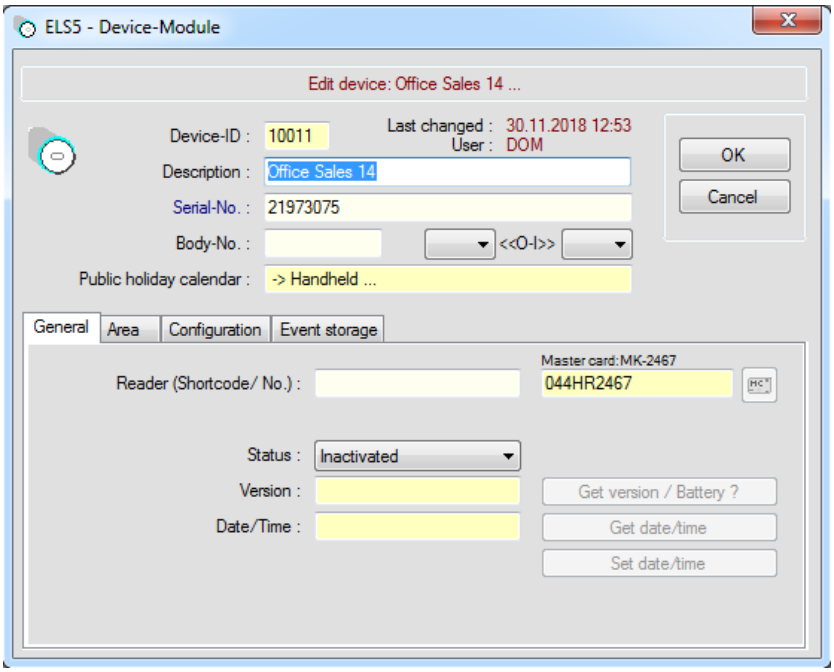


Accept the new device by clicking on the button **[Yes]**.

Confirm the message by clicking the button **[Yes]**.



The new device is accepted with the assigned master card.


ELS5 - Device-Module
Edit device: Office Sales 14 ...
Device-ID :
10011
Last changed : 30.11.2018 12:53
User : DOM
Description :
Office Sales 14
Serial-No. :
21973075
Body-No. :
<<O-I>>
Public holiday calendar :
-> Handheld ...
OK
Cancel
General
Area
Configuration
Event storage
Master card:MK-2467
Reader (Shortcode/ No.) :
044HR2467
Status :
Inactivated
Version :
Date/Time :
Get version / Battery ?
Get date/time
Set date/time

Start the ELSmobile software (standalone-Version).

Start the ELSmobile software by clicking the desktop icon **[ELSmobile Software]**.



Note: If an ELS USB desktop reader V7 is used, it must be connected to the PC before starting the ELSmobile software.

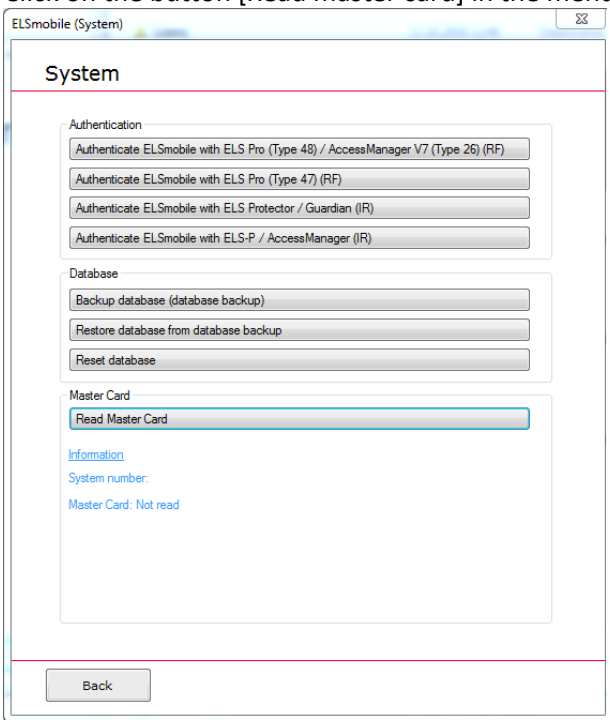
ELSmobile software: Read and manage master cards

Read master cards

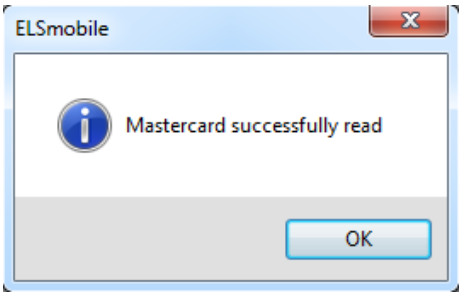
Note: One master card can be read into the ELSmobile software (standalone version).
It is possible to manage several master cards in connection with the ELS software.

Place the master card on the desktop reader.

Click on the button [Read master card] in the menu Administration / System / Master card.

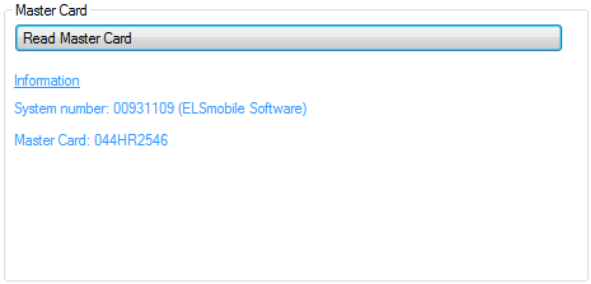


The master card is read into the ELSmobile software.

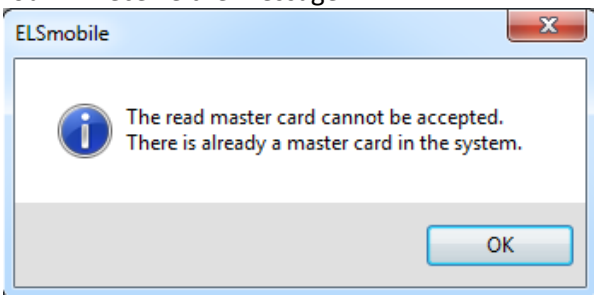


A virtual system number for the ELSmobile software is created when the master card is read in.

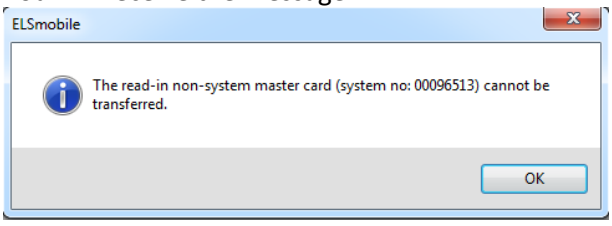
The imported master card and the created virtual system number are displayed under Master card / Information.



Another master card cannot be read in.
You will receive the message:

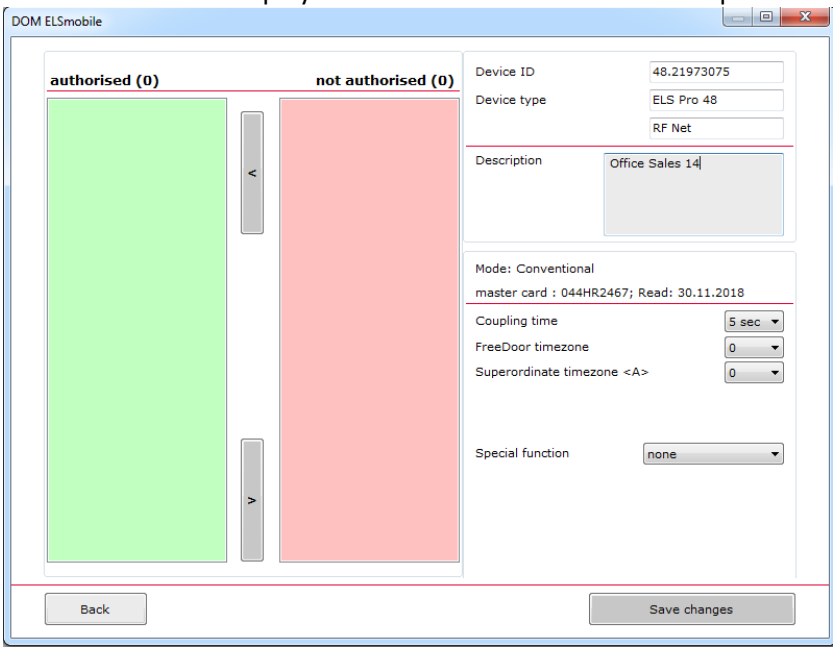


An additional, non-system master card cannot be read in.
You will receive the message:



Note: The master card is assigned to created devices by the ELSmobile software.

The master card is displayed in the administration of the respective device.



Information

Reading of the first master card in existing system

When the first master card is read in, a check is made from the ELS software to see, whether ELS Pro (type 48) and ELS AccessManager V7 (type 26) devices have been authenticated.

For all authenticated devices, the first master card which is read in, is assigned as the master card to the device.

To be able to use the master card on the devices, the devices (offline and online devices) must be reprogrammed. Here the assigned master card is programmed into the device.