RFID card management - machines

RFID cards can be managed in various locations.
On the home page in the RFID card overview, under E-mobility or under Machines.

This chapter describes the function in machine control.

Here you can see the RFID card(s) on this account in connection with machines.

> An RFID card can have different functions depending on the configuration. For example, for charging authorisation at charging stations, for starting a machine (washing machine, tumble dryer, etc.) or for access control (opening doors).

Inviting RFID cards

If you want to load an RFID card that has been added to a tenant's account, you can do so using the "Load an RFID card" button. Click on the button (marked in red below) and a new window will open.

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Now enter the tenant's email address and tick the devices that the tenant is allowed to use, for example, for washing. You must also select the appropriate profile so that billing can take place. Then
click on "Invite".

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After inviting the tenant, they will receive a notification and can share their RFID card. The machine can then be used.

Add RFID cards

In the main navigation (blue bar on the left), you can click on Building, then select RFID Card:

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Here you will see the four tabs: Overview, Shared, Invited and Add RFID card.

Under Add RFID card, you can register your card: Enter the number on your Eponet RFID card and confirm with "Add card":

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> RFID numbers are entered in Eponet without spaces or colons. If your RFID card has a number printed on it, e.g. 12:34:56:78, this must be entered without spaces or dots, i.e. 12345678

The card will then appear in the table (under the Overview tab). In the Reference ID field, you can save your own details for your information (e.g. name of a family member). A card can also be removed again by clicking Delete.

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Shared tab

Under the Shared tab, you can see where you have shared your RFID card(s) or where and at what price you can start a machine with an RFID card. Click on your RFID card here and you will see in this example that this RFID card can be used to wash on the "Miele washing machine no. 11" (and at what price):

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> No machines or prices visible under "Shared" yet? You must first be invited by the operator. To do this, contact the operator and give them the email address of your account so that they can invite you.

"Invited" tab

Under the Invited tab, as an infrastructure operator, you can see who is invited to use which machine at what price. Click on your RFID card here and you will see in this example that this RFID card is authorised to wash on "Miele washing machine no. 11" (the price can be assigned or changed under Profile):

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If an exclamation mark icon appears here under "Invited" for an RFID card, this means that the user has been invited without a price profile and can therefore use the machine free of charge.

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The green edit icon can be used to check or assign prices. A window opens. In this example, you can see that no price has been assigned to the second machine:

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The "Invited" tab also offers the option of batch management for invited RFID cards. To do this, select one or more RFID cards and click on the green "Assign" button:

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In the following window, you can now assign the authorisation and price profile to an RFID card in one step:

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> If you have an Eponet RFID card, the number printed on the card is also the number stored on the card that is read. This is not always the case. RFID cards from other providers can also be stored, provided they comply with the current RFID standard for charging stations.

> **Supported RFID technology:** Passive HF RFID tags according to ISO/IEC 14443 or ISO/IEC 15693 (NFC) at 13.56 MHz are supported
> . The question may arise as to whether MiFare Classic is also supported, and if so, 1k or 4k. The answer is that it does not matter. The charging station only reads the UUID of the chip. It therefore does not matter whether the chip has 1k or 4k memory.

It is not recommended to write to RFID cards, as depending on the charging station, the value stored in the memory may be read instead of the UUID. This can lead to incompatibility, e.g. with Hubject.

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