



User manual for SLZA 38 and Sanela RFID creator application

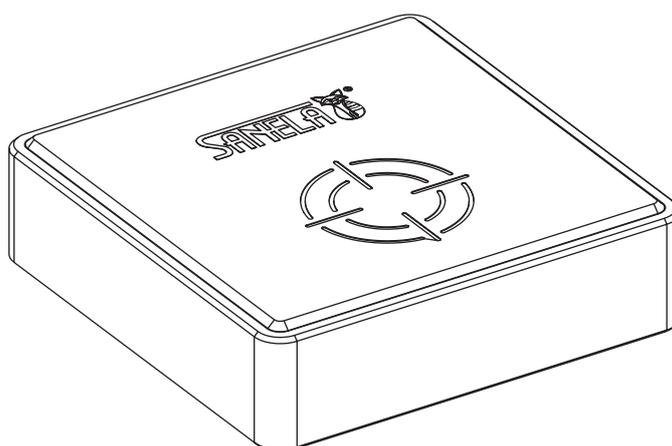
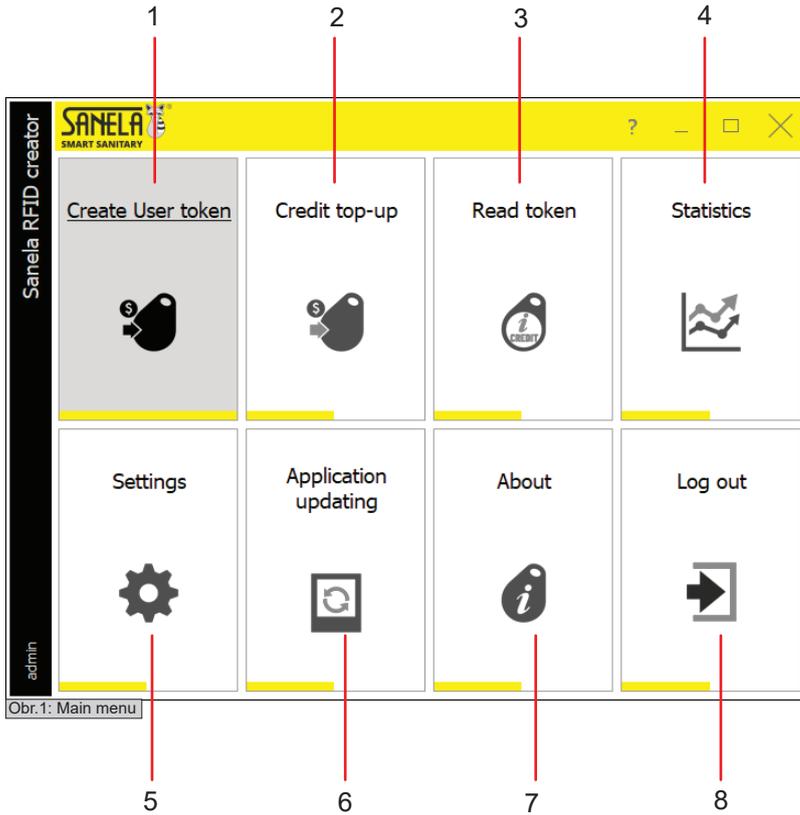


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1. General description

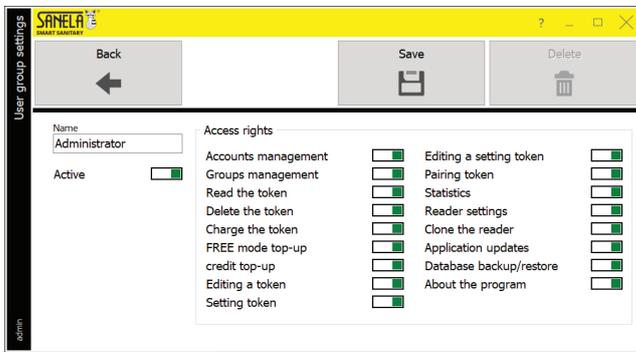
1.1 Main menu



- 1. Charge Token** - Menus for charging a token, setting token parameters, and creating profiles to charge a token.
- 2. Credit top-up** - To load any number of units per token.
- 2. Load Token** - Displays a listing of the units of a given token, token usage statistics, allowed accesses, and expiration time units. Units can be deleted from the menu.
- 4. Statistics** - A listing of the history of all actions performed by the reader.
- 5. Settings** - Menu for creating a setup and matching token, manage user accounts and groups, backing up or restoring the reader database, and managing reader settings.
- 6. Update Application** - Find the latest Version Application.
- 7. About** - Application version, license number, instructions download, remote help.
- 8. Logout** - Press to log out the user.

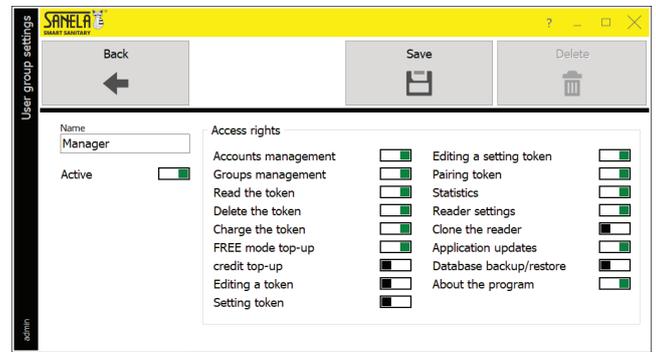
1.2 Typical rights settings

Administrator



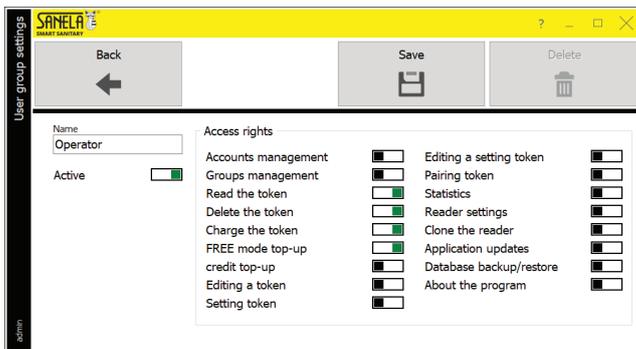
Obr.2: "Administrator" rights

Manager



Obr.3: "Manager" rights

Operator

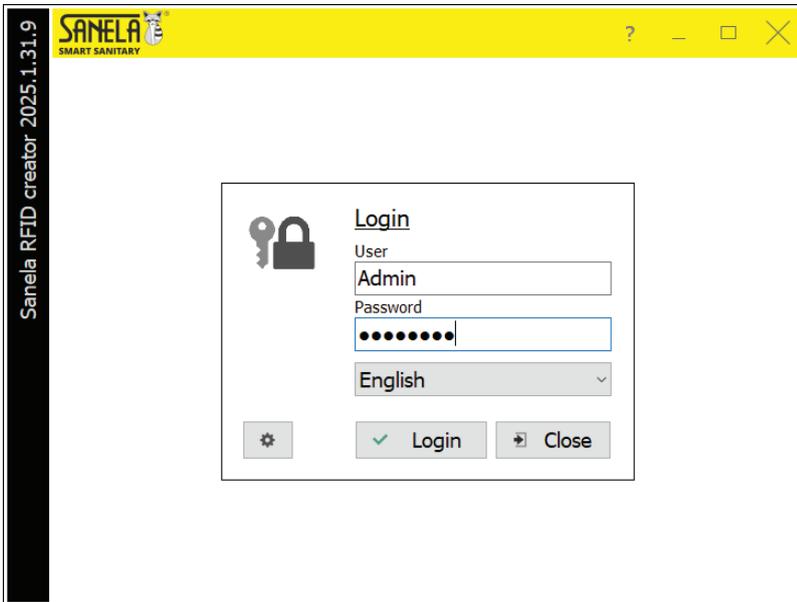


Obr.4: "Operator" rights

2. System settings

So that the whole system can be set up, it is necessary to do the following on the first start-up the following steps:

1. Log in as administrator.
Factory login credentials:
User: Admin
Password: Admin159

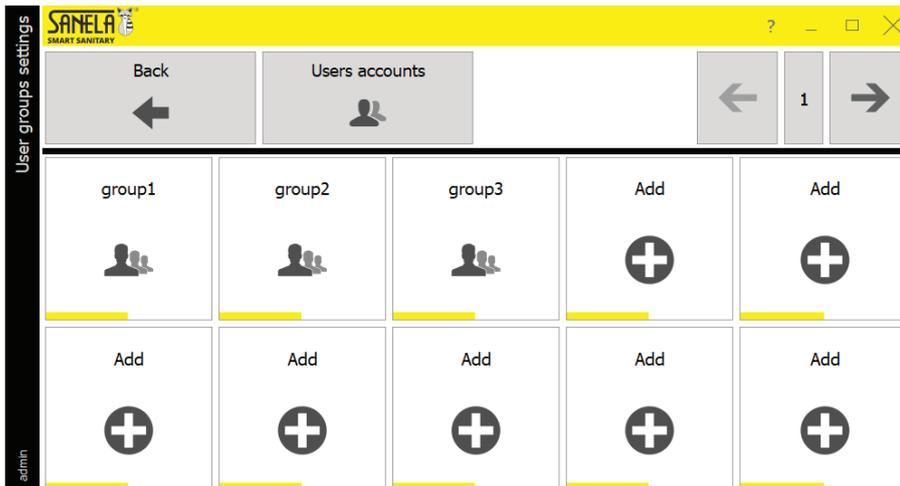


Obr.5: First login

2. Create groups and configure permissions (see chapter 2.1).
3. Create user accounts and then assign them to groups (see chapter 2.2).

Complete, follow the steps in chapter 3. Device Setup.

2.1 Groups



Obr.6: User Group Settings

- You can find the menu in **Main menu > Settings > User groups**.

- Each user must be assigned to a group that he/she gets the permissions.
For example: Administrator, Manager or Operator.

- To edit, select the name of an already created group.

- To create a new group, select "+add"

- Select "**User accounts**" to go to the settings user accounts.

- Use the left and right arrows to move between pages.

- Select "**Back**" to return to the "User Accounts" menu.

2.1.1 Creating a new group

Obr.7: Setting up user groups

- **Name:** the name of the group that will be displayed during the listing account.

- Use the toggle switch to set whether the group will be inactive / active. If it is active, the user will be able to can be assigned to the group.

- **Access rights:** Determines the permission to perform settings and actions on the group. For example: administrator, manager or operator.

- To save, select "**Save**".

- Select "**Back**" to return to the previous menu without Save.

- Selecting "**Delete**" deletes the group being edited and the users in that group will no longer have any permissions. It is necessary to add them to a new group.

2.2 User accounts

Obr.8: User accounts

- Select "**User accounts**" in the main menu.

- To create an account, press "+ add". (see chapter 2.2.1)

- To edit the account, select the tile.

- Press on "**Groups**" to display the administration window (see chapter 2.1)

- Select "**Back**" to return to the main menu.

2.2.1 Creating a new user account

Obr.9: User accounts

- You can find the menu under **Main menu > User accounts > Add**.

- Here you can create a new account.

- The switch Inactive/Active determines whether the account will be in active.

- **Username:** Required to log in to the system.

- **Password:** Password required to log in to the system.

- **Group Permissions:** Assigns the user to a group.

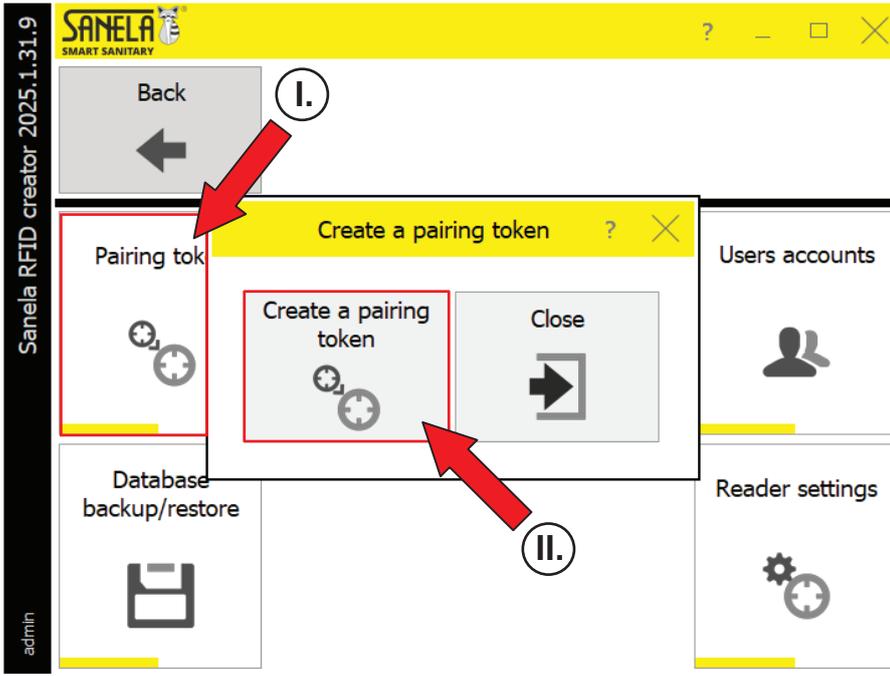
- **First and Last Name:** The name of the user to whom the account will be assigned.

- Select "**Save**" to save.

- Select "**Back**" to return to the main menu.

3. Device settings

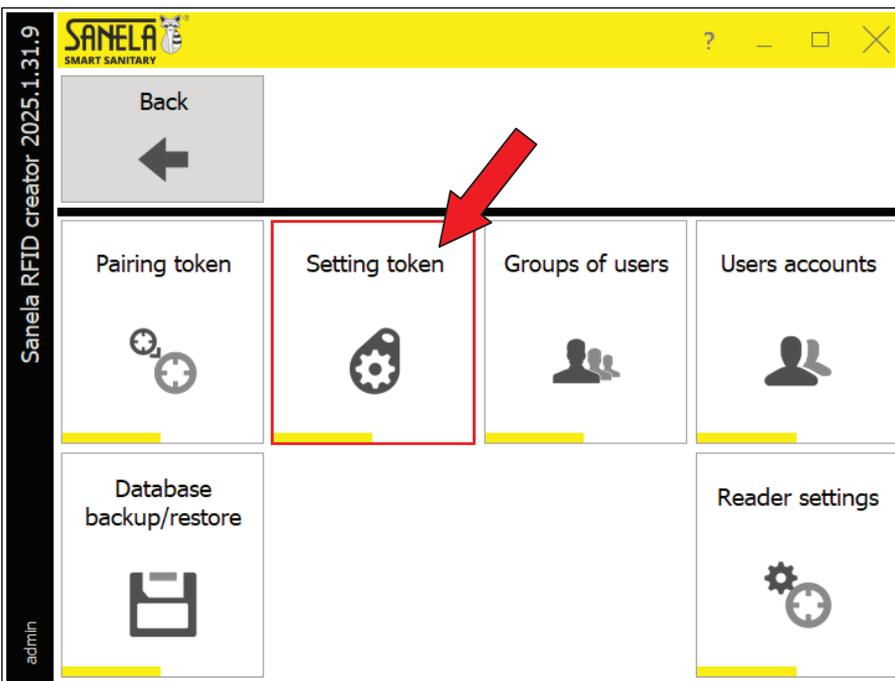
3.1 Pairing token



Obr.10: Creating a matching token

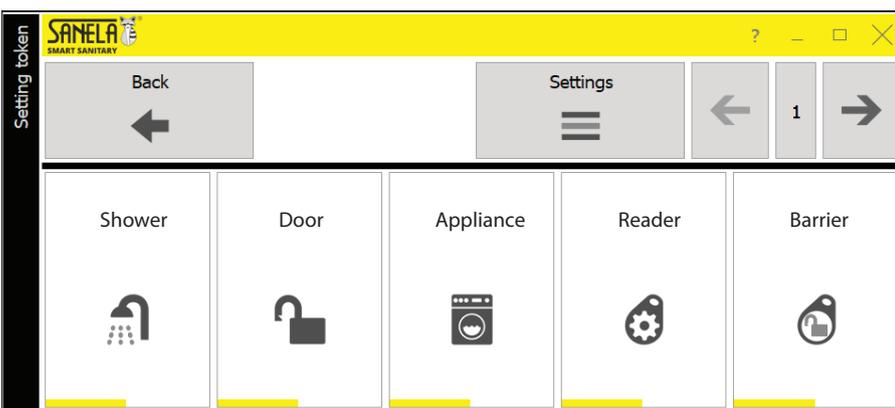
- The menu can be found in **Main menu > Settings**.
- The pairing token is used to pair the charging station with the other products (for the first 20 minutes after the power is turned on of the shower). If the end devices are not paired with the charging station, the system will not function.
- To create a pairing token, attach the token to the reader and select **"Create Pairing Token"**.
- After successfully creating the token, a window will appear with **"Pairing token created"**.
- Press **"Close"** to return to the previous menu.
- **"The pairing token"** is also used to reset the remaining unused time.

3.2 Token configuration



Obr.11: Settings menu

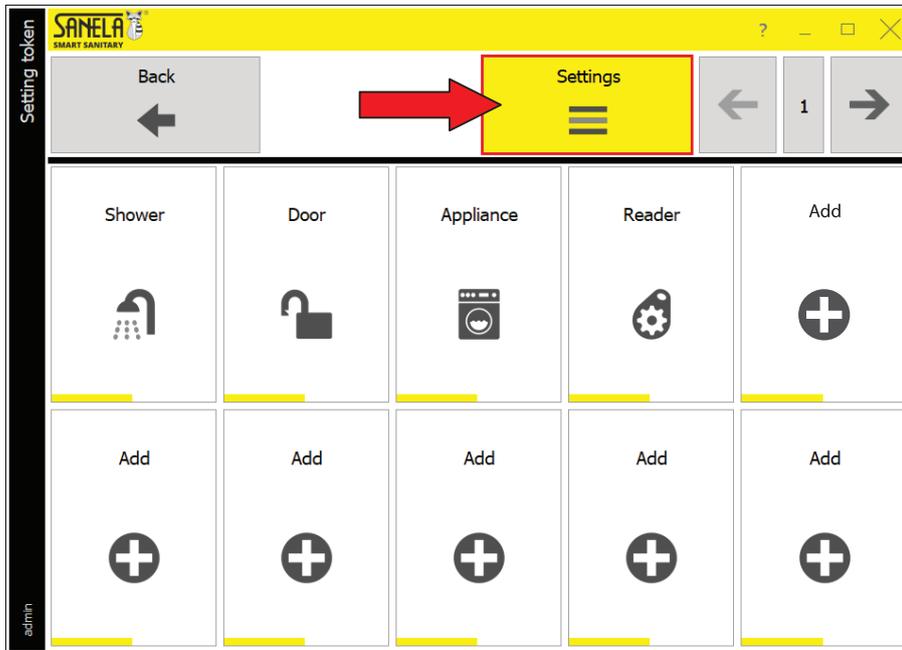
- The menu can be found in **Main menu > Settings > Setup token**.



Obr.12: Setup token

- The setting token is used to set parameters of the end device:
 - shower
 - door
 - appliance
 - reader
 - barrier
- To create a setup token, attach the token on the reader. Then select from the menu the device that will be set with this token. After successful creation of the token the information "Setup token created" is displayed".
- Selecting **"Settings"** opens the editing option device parameters and the ability to add additional devices (see chapter 3.3).
- Use the left and right arrows to move between pages.
- Select **"Back"** to return to the main menu.

3.3 Parameter setting token



Obr.13: Setting the parameters of the setting token

- You can find the menu in **Main menu > Settings > Setup token > Settings**.

- In this menu you can edit the parameters already created setup token and add new ones.

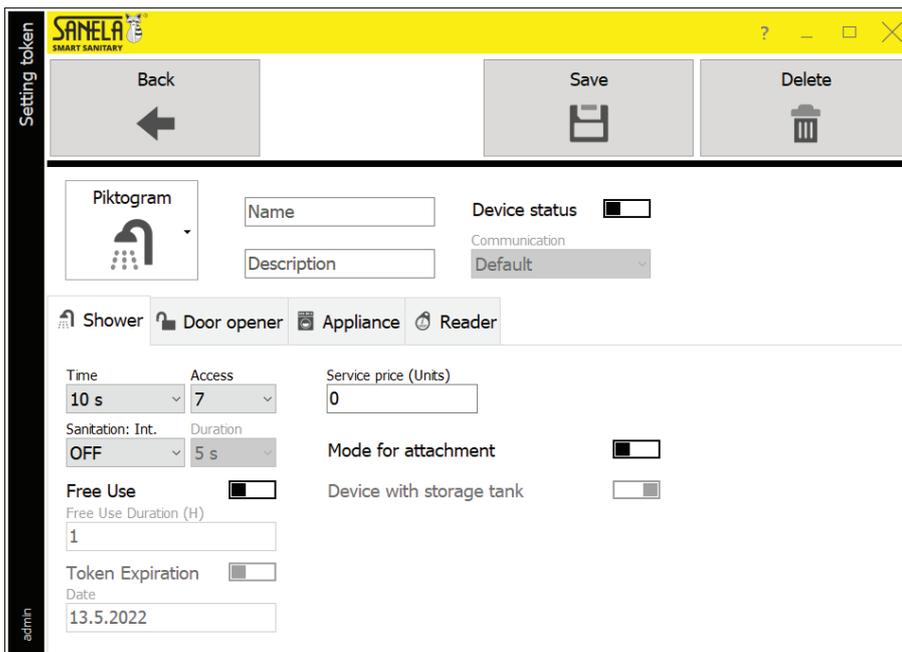
- To edit an already created profile, press on the button you want to edit.

- To add another device, click on "+ add", a window will then appear, see chapter 3.3.1 - 3.3.4.

- Use the left and right arrows to move between pages.

- Click **"Back"** to return to the main menu.

3.3.1 Shower type settings



Obr.14: Shower setting token

- In this setting you can define all parameters of the setting token for the shower device type. You can switch between the devices in the middle part of the card (Shower, Door, Appliance, Reader). In the upper part you can fill in the name and description of the device, assign a pictogram (icon).

Device status:

Determines whether the end device will be on or off.

- Communication:

Sets the type of communication of the end device by the lightweight system (cloud, etc.).

- Sanitation Interval:

Triggering the sanitation flush after x hours since the last time the shower was used.

- Sanitation duration:

The length of the sanitary flush.

- Time:

Defines the time equal to the user token readout units.

- Service Cost (Units):

The number of credits that will be deducted from the user token. takes values from 0 to 31.

If the value 0 is selected, the shower will be for the holder of the user token. After the time has elapsed, the shower can be turned on again by placing the token on the reader.

Access:

Indicates the number of accesses ("device groups"). Example: If the device has access number 1 and the user token is only allowed to access number 2, it will not be able to use the device.

- Free mode / free mode length:

Activating a mode will make the shower free for a certain amount of time. After the Set time has elapsed, the shower will automatically return to its original state. It takes values from 1 to 255 h.

- Attachment mode:

Used for backward compatibility of the device with the SLZA 31, SLZA 32, SLZA 35 token slot.

- To save, select **"Save"**.

- Pressing **"Back"** will take you to the previous menu.

- Press **"Delete"** to delete the edited preset token.

3.3.2 Door type setting parameters

Obr.15: Door contact setting token

- All parameters can be defined in this setting of the setting token for the doorman device type. You can switch between the devices in the middle part of the tab (Shower, Doorman, Appliance, Reader). In the upper part you can fill in the name and description of the device, assign a pictogram (icon).

- Device status:

Determines whether the end device will be on or off.

- Communication:

Sets the type of communication of the end device with the parent system (cloud, etc.).

- Time:

The time that determines the length of time the door lock is unlocked after the credit (units) is read.

Service Cost (Units):

The number of credits that will be deducted from the user token. takes values from 0 to 31. If a value of 0 is selected, the door lock will be disabled for the duration of the "Time" parameter. To reopen, the user token can be attached to the reader again.

- Expiration:

Activates the expiration date check of the token. If the expiration date of the token is older than the current date, the device will not accept the token.

- Access:

Specifies the number of accesses ("device groups"). Example: if a device has access number 1 and the user token is only allowed to access number 2, the user token will not be able to use the device.

- Free mode / free mode length:

By activating the mode, the door lock will be opened for free for a certain period of time. After the set time has elapsed, the device will automatically return to its original state. The length of the free mode is from 1 to 255.

- Door contact:

Determines whether the end device is "with" or "without" door contact.

"With door contact":

The payment machine lets one person in after payment, and if that person doesn't come out, no one else opens the door to pay. Only after leaving the toilet can the next person pay and be let in.

"No door contact":

The payment machine will open the door lock after payment no matter how many people are inside, everyone who pays will be let in.

- Language:

Specifies the language in which the message on the reader, doormat will be displayed when the token is inserted.

- To save, select **"Save"**.

- Pressing **"Back"** will take you to the previous menu.

- Press on **"Delete"** to delete the edited preset token.

3.3.3 Appliance type setting parameters

Setting token

SANELA SMART SANITARY

Back Save Delete

Pictogram Name Description Device status Communication Default

Shower Door opener Appliance Reader

Time Access Service price (Units) Language

Free mode Free mode duration (H) 1

Expiration Date 11.2.2025

admin

Obr. 16: Appliance setting token

- All parameters can be defined in this setting of the setting token for the appliance device type. You can switch between the devices in the middle part of the tab (Shower, Doorman, Appliance, Reader). In the upper part you can fill in the name and description of the device, assign a pictogram (icon).

- **Device status:**
Determines whether the end device will be on or off.

- **Communication:**
Sets the type of communication of the end device with the parent system (cloud, etc.).

- **Time:**
The amount of time the appliance will be available for use after the credits (units) have been subtracted.

- **Service cost (Units):**
The number of credits that will be deducted from the user token. The length of the free mode is from 0 - 31.

If a value of 0 is selected, the appliance will be free for the holder of the user token. After the time has elapsed, it can be switched on again by attaching the token to the reader.

- **Expiry:**
Activates the expiry date check of the token. If the expiration date of the token is older than the current date, the device will not accept the token.

- **Access:**
Specifies the number of accesses ("device groups").
Example: if a device has access number 1 and the user token is only allowed to access number 2, the user token will not be able to use the device.

- **Free mode / free mode length:**
Activating the mode will make the appliance free for a certain period of time. After the set time has elapsed, the appliance will automatically return to its original state. The free mode length takes on the values 1 - 255.

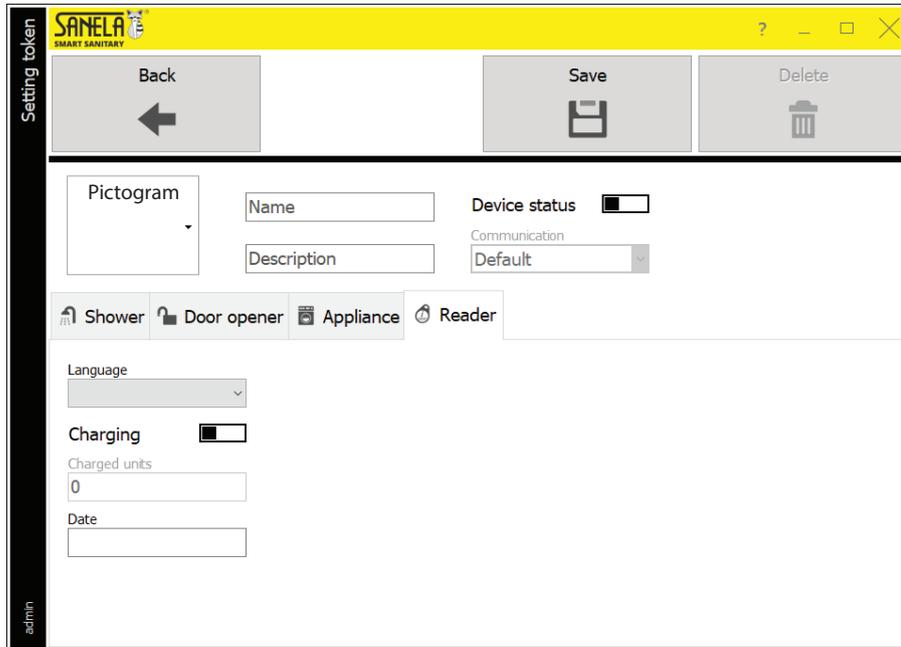
- **Language:**
Specifies the language in which the message on the reader, appliance will be displayed when a token is attached.

- To save, select "**Save**".

- Pressing "**Back**" will take you to the previous menu.

- Press on "**Delete**" to delete the edited preset token.

3.3.4 Player type parameters



Obr.17: Setup token reader

- All parameters can be defined in this setting token for the reader device type. You can switch between the devices in the middle part of the tab (Shower, Doorman, Appliance, Reader). In the upper part you can fill in the name and description of the device, assign a pictogram (icon).

- Device status:

Determines whether the end device will be on or off.

- Communication:

Sets the type of communication of the end device with the parent system (cloud, etc.).

- Date:

Specifies the current date.

-Charging:

The mode in which units are automatically recharged based on the date in the token and reader. If the date on the token is older, the reader recharges the "Recharge Units" on the token and updates the date.

- Charged Units:

The number of units that will be charged to the token in "Charge" mode.

- Language:

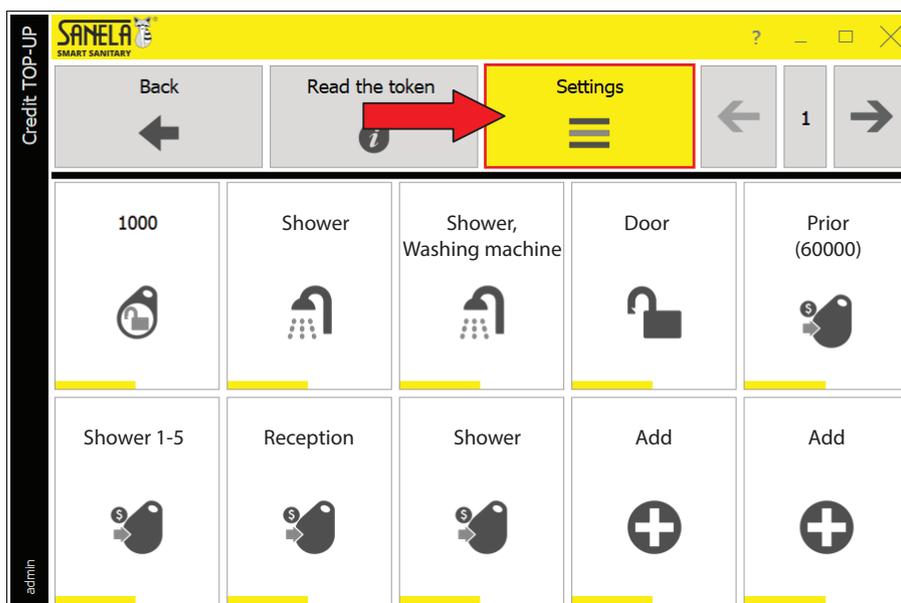
Specifies the language in which the message will be displayed on the reader after the token is loaded.

- To save, select "Save".

- Press "Back" to return to the previous menu.

- Press "Delete" to delete the edited preset token.

3.4 Configuring user token profiles



Obr.18: User token profile settings

- The menu can be found in **Menu > Load token > Settings**.

- Here you can edit existing or new profiles.

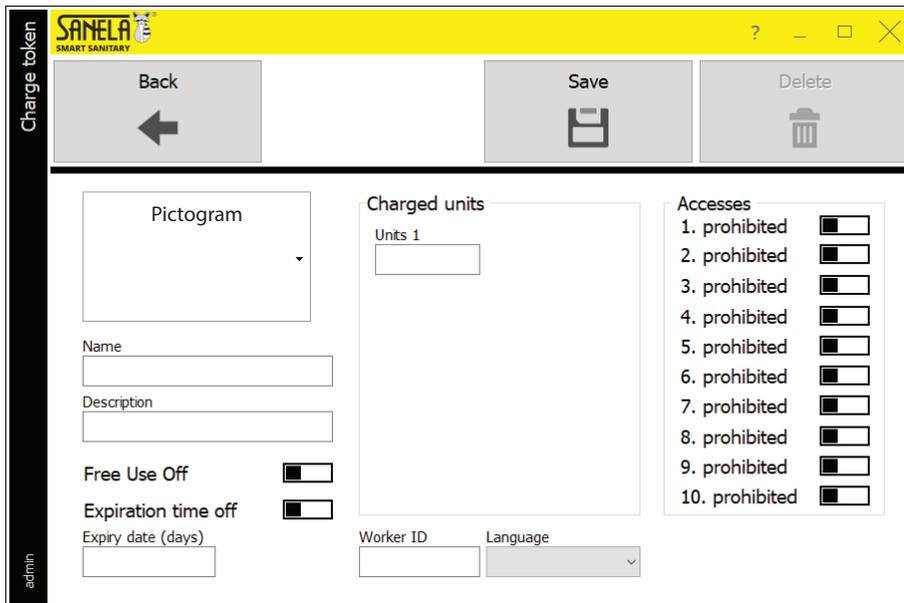
- The profile is used to preset the parameters for recharging the user token (units, accesses for individual devices).

- Use the left and right arrows to move between pages (max. 100 profiles).

- To add a new profile, select "+ Add".

- To edit, select an already created profile by pressing it.

3.5 Setting user token parameters



- Pictogram:

Profile pictogram selection.

- Name:

The name of the profile (max 15 characters).

- Description:

Description of the profile (max 15 characters).

- Free to use:

If enabled, the owner of the user token can use the device (according to the allowed access) for an unlimited period of time.

- Expiration time:

Activate/deactivate the expiration time of units.

- Expiration time (days):

Used to set the amount of time (days) that the token will be accepted by the readers. If the date in the user token is older than the date in the reader, access will be denied.

- Worker ID:

Unique number of the worker who will use the token.

- Language:

Specifies the language in which the message will be displayed on the readerdevice when the token is attached.

- Charged Units:

The number of charged units for a specific device.

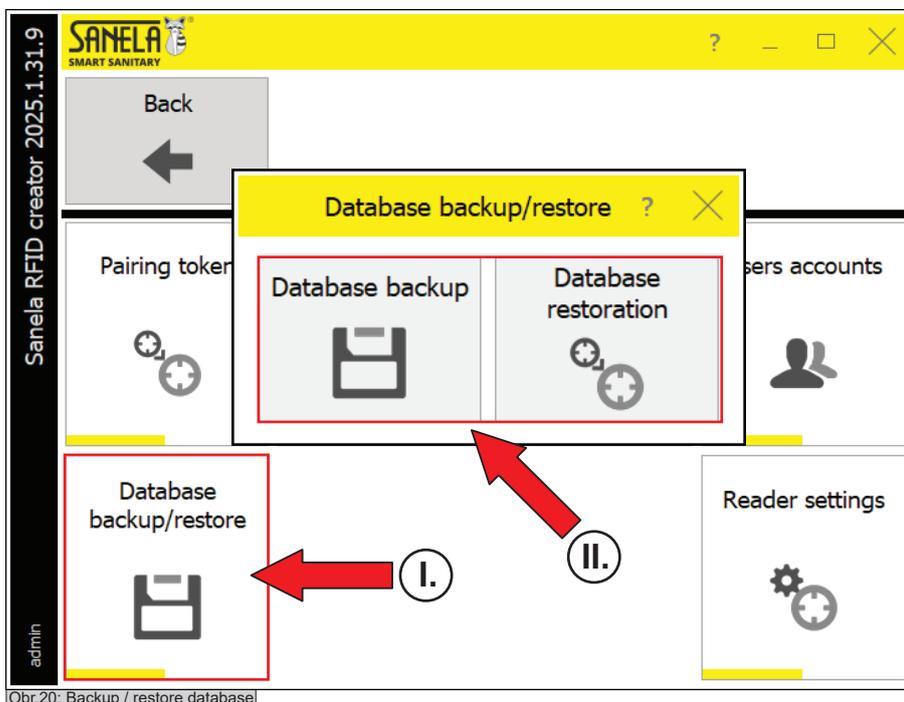
- Accesses:

Enables or disables which devices can be used with the user token. It is related to the setting of the device to be used. Example: There is a shower set to access 1, a door to access 2. There is a user token that is only allowed to access 1 so it can only be used at the shower. The access settings for each device can be found in chapter 3.3.1 to 3.3.4.

- Select **"Back"** to return to the previous menu

4. Maintenance

4.1 Backing up / restoring the database

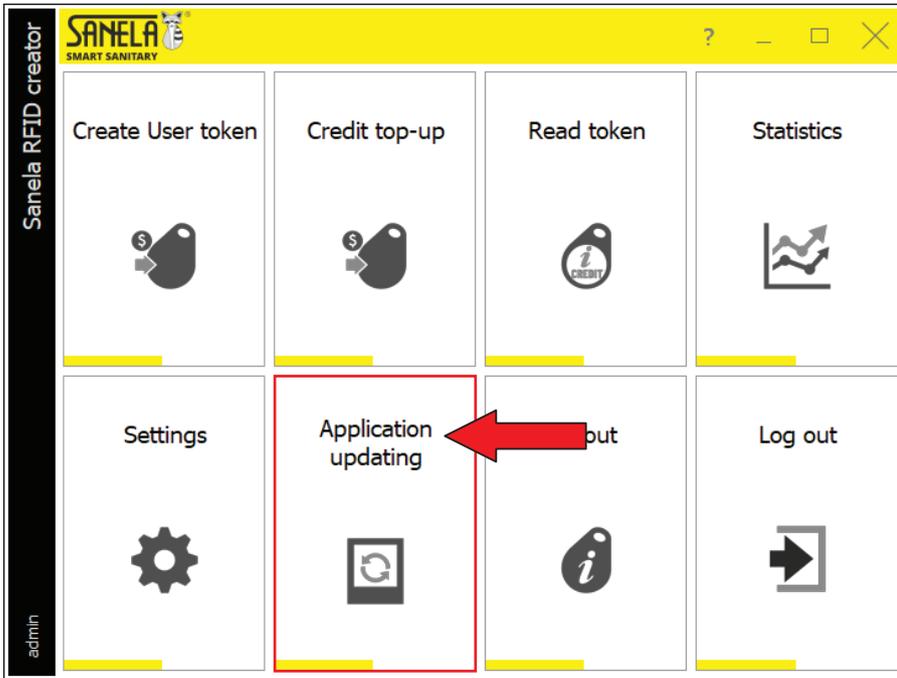


- The menu can be found in **Main menu > Settings > Backup / database recovery**.

- By selecting **"Backup database"** the application will create a file with backup of the reader's database.

- By selecting **"Database restoration"** the application restores the database from the file.

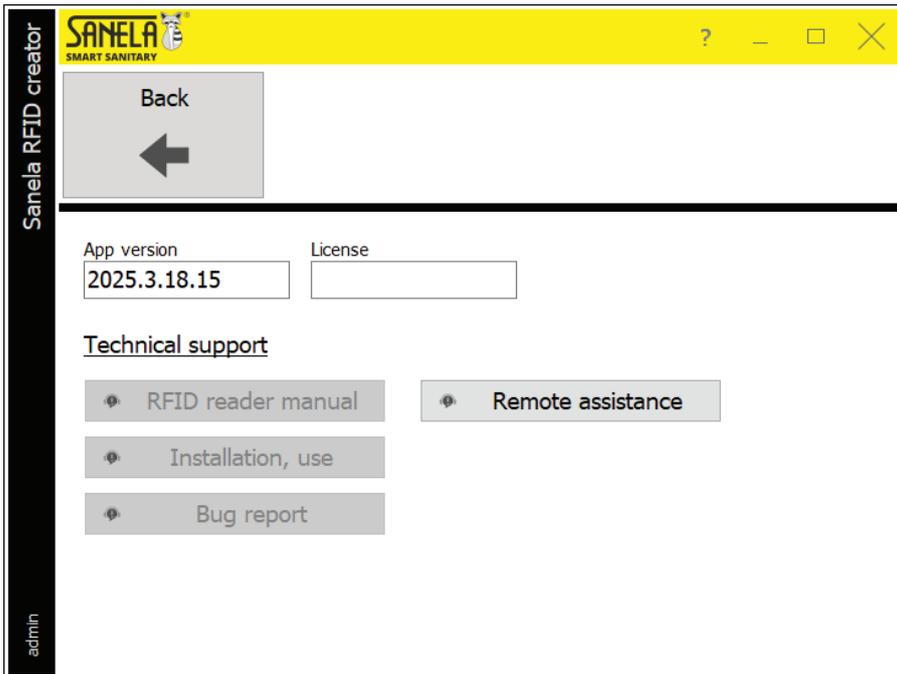
4.2 Updating the application



Obr.21: Updating the application

- In the main menu, select **Application Updates**.
- Selecting "**App Updates**" will search for the latest version of the application.

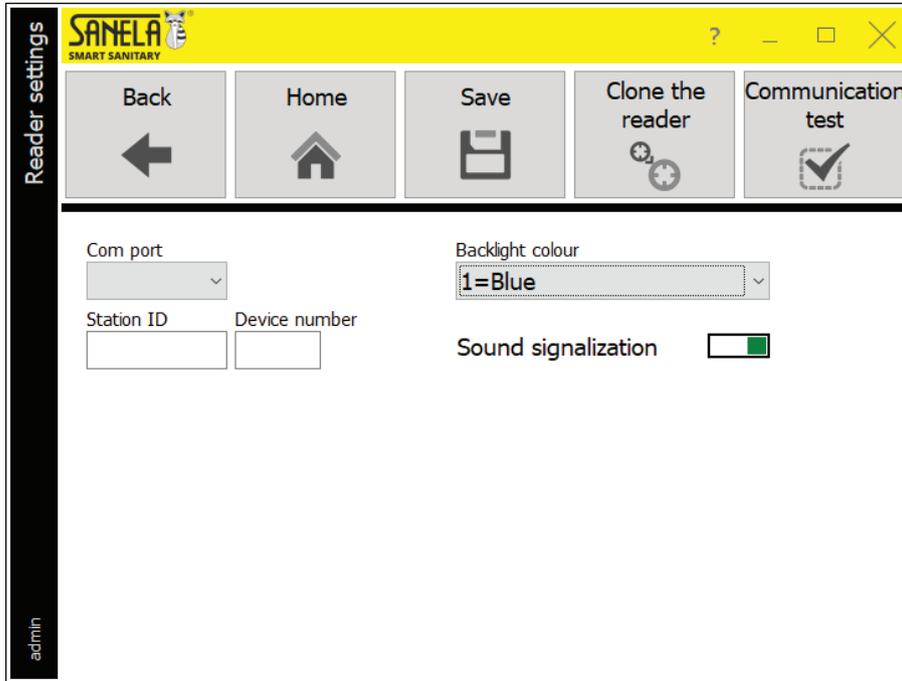
4.3 About



Obr.22: About

- This menu displays the application version, license number or download instructions.
- If necessary, remote assistance can be used by selecting "**Remote Assistance**".
- Select "**Back**" to return to the main menu.

4.4 Installing the player



Obr.23: Reader settings

- The menu can be found in the **Main Menu > Settings > Reader settings**.

- **Com port:**
Select the port through which the Com SLZA 38 is connected.

- **Station ID and device number:**
Unique station number obtained during installation.

- **Backlight Color:**
Select the backlight color of the SLZA 38 reader.

- **Sound Signaling:**
Activation / Deactivation of the audio response. (e.g. when reading an RFID token)

- **Clone reader:**
Only used when installing the reader. It gets the station ID and unique device number.

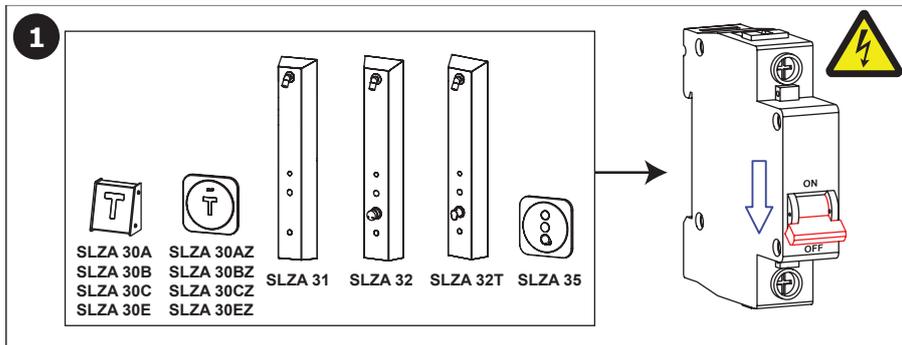
- **Communication Test:**
Checks the connection between the SLZA 38 and the PC.

- Select **"Save"** to save the parameters.

- To return to the main menu, select **"Home"** or **"Back"**.

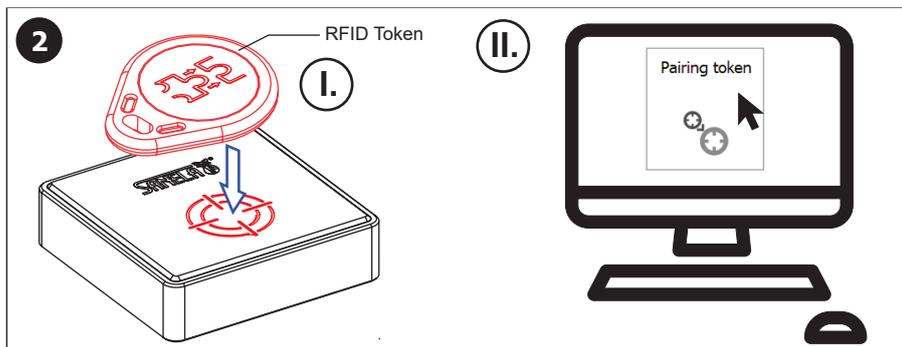
5. Initial commissioning of the entire system

5.1 Pairing the device with the reader

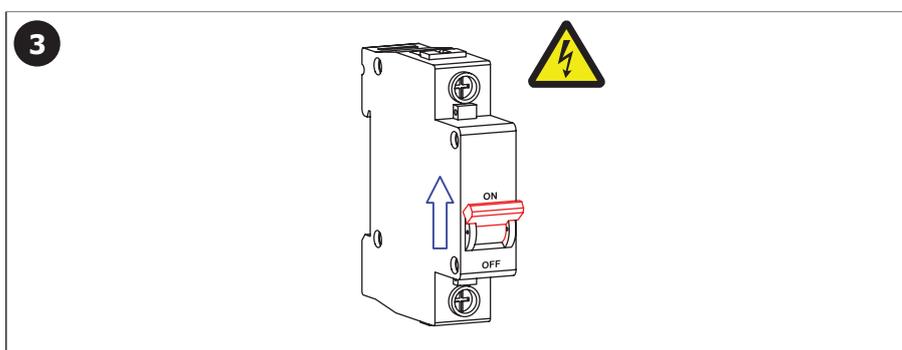


- All products you want to pair with the charging station must be installed.

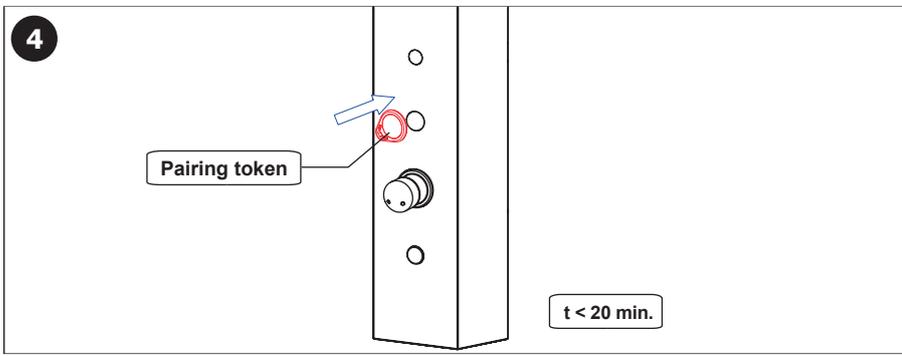
- The power must be turned off.



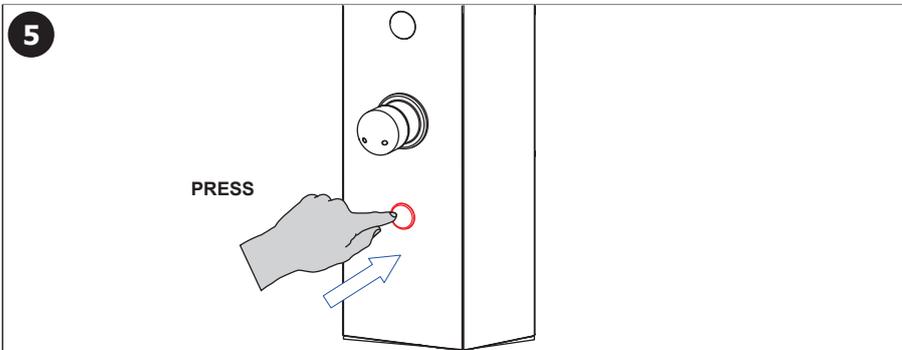
- Create a pairing token (see chapter 3.1).



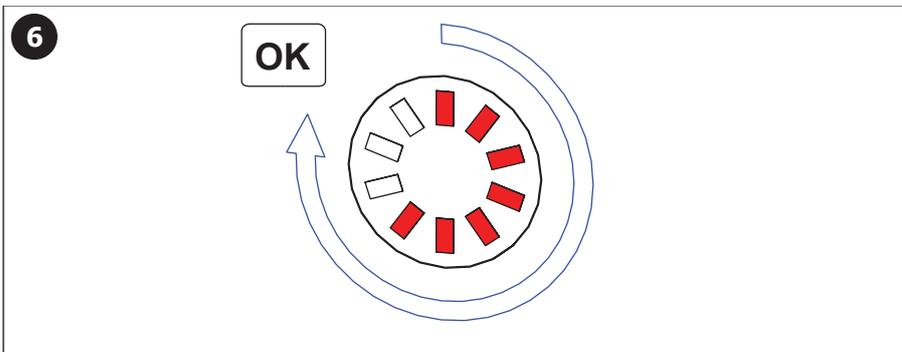
- Turn on the power to the installed devices.



- Attach the matching token to the RFID reader.
- Please note, the possibility of pairing products with the charging station is only possible within 20 minutes of turning on the power.

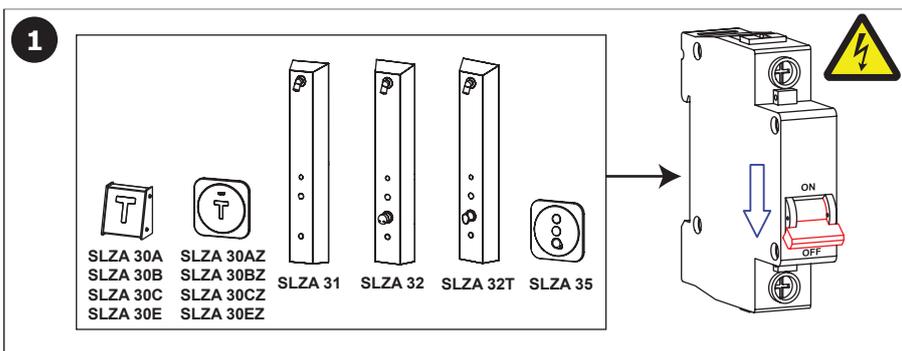


- Press the button on the panel.

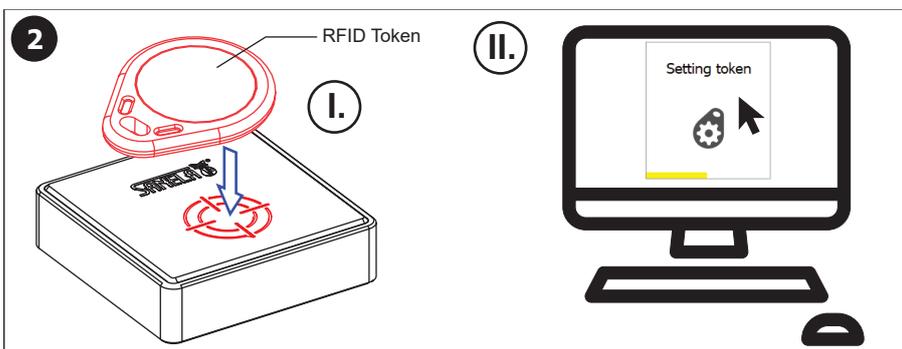


- After successful pairing, the LEDs will light up gradually, in a clockwise direction.

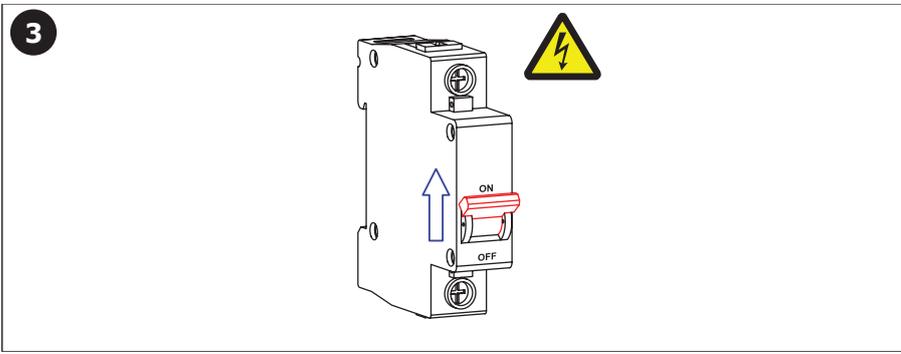
5.2 Device configuration using the installation token



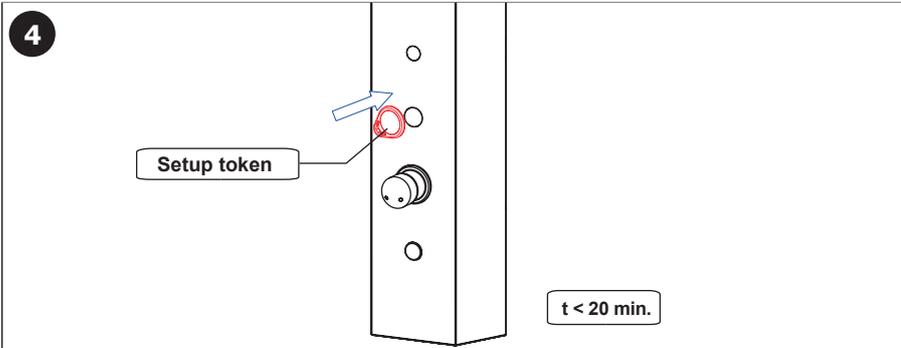
- All products you want to pair with the charging station must be installed.
- The power must be turned off.



- Create a **setup token** (see chapter 3.2).

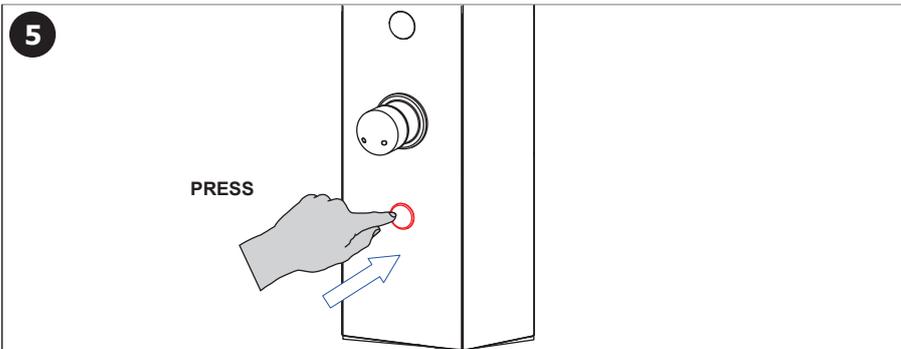


- Turn on the power to the devices being set.

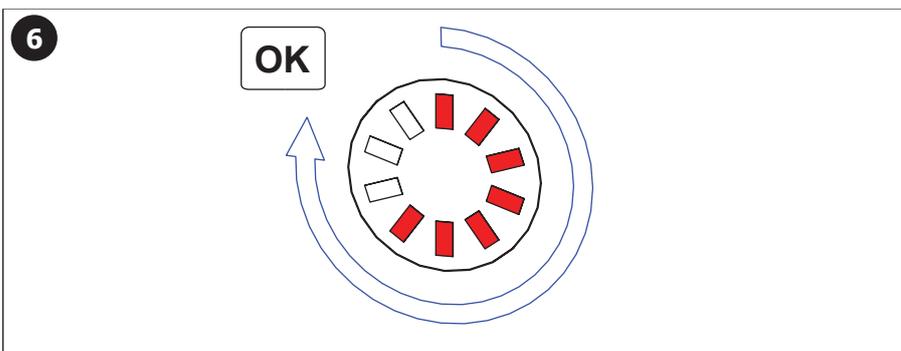


- Attach the setup token to the RFID reader.

- Please note that the device can only be set up with the charging station within 20 minutes of turning on the power.



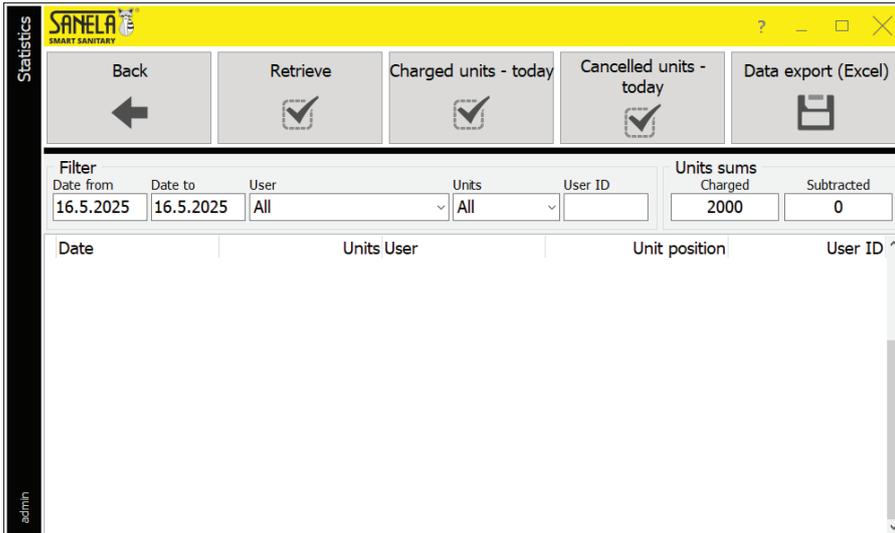
- Press the button on the panel.



- After successful setup, the LEDs will gradually light up in a clockwise direction

6. System options

6.1 Statistics



- You can find the menu in **Main menu > Settings > Reader settings**.

- Here is a listing of the history of all actions performed by the reader: date, time, user, units (charged, subtracted).

- You can filter the listing by date, user using the filter, units.

- The data can be sorted in descending or ascending order by clicking on a given column.

- Selecting **"Zero units - today"** will filter the units, that have been zeroed by the reader on this day.

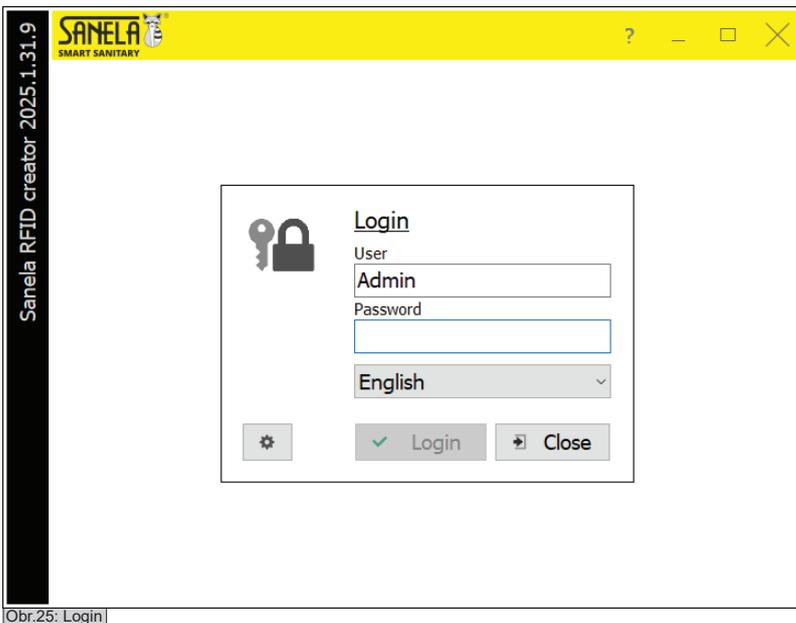
- Selecting **"Charged Units - Today"** filters out the units, that have been charged by the reader on this day.

- Selecting **"Refresh"** will update the listing and load the new data according to the selected filter.

- Select **"Export data (Excel)"** to export all records from the reader to an Excel file.

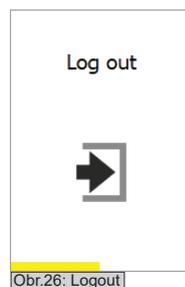
7. Operation

7.1 User login/logout



- When you start the application, a **login window** appears of the user.

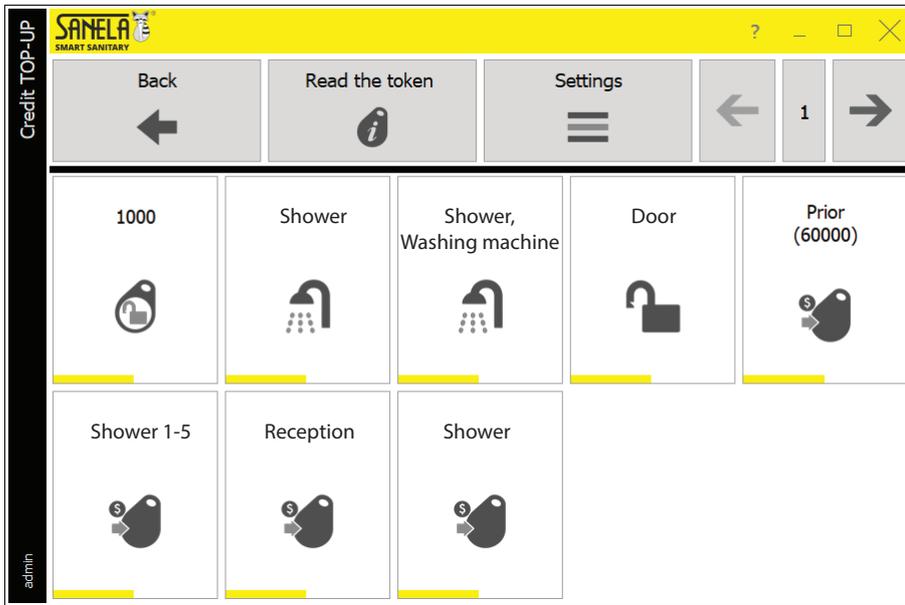
- To log in, enter the **user** and **password**.



- To log out a user, select **"Log out"** in the main menu.

- After logging out, a window for subsequent logging in will appear. Logout

7.2 Loading a token



Obr.27: Offer Token

- The menu can be found in **Main Menu > Offer Token**.

- To load the RFID user token with units, attach the token to the RFID reader and select the desired profile with preset values.

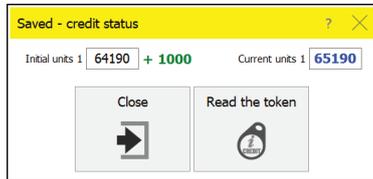
- On successful charging, the window shown in the figure below will appear (Figure 24).

- When you move the mouse over the icon of the selected profile, you will see a multiplier showing how many times to charge the units. Use "+" and "-" to add and subtract the multiplier. By confirming the selected profile, the units are charged to the RFID token.

- Selecting **"Load token"** takes you to a more detailed (see chapter 7.3 and figure 28).

- Use the left and right arrows to move between pages.

- Press **"Back"** to return to the main menu.



Obr.28: Successful charge

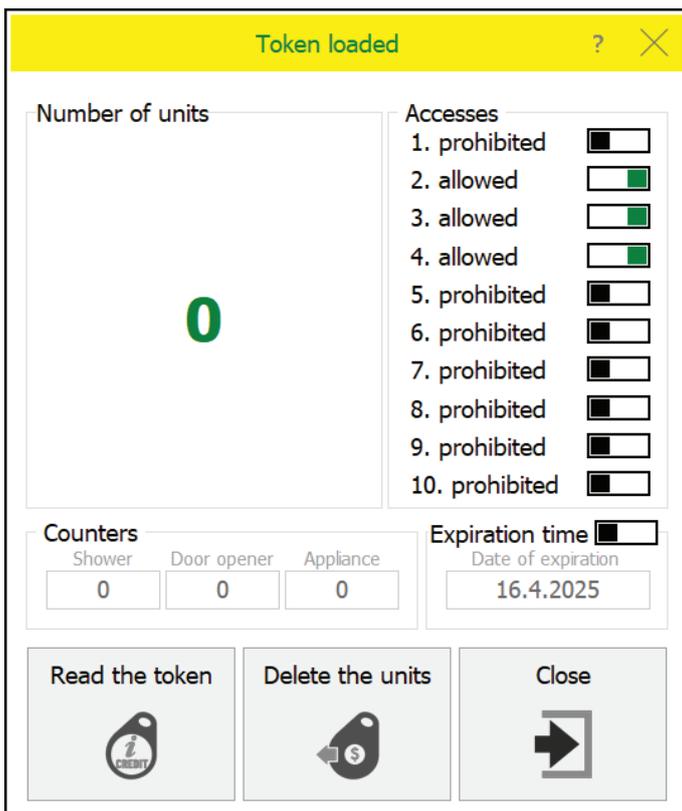
- Information about the successful charging of a user token.

- From the confirmation you can read the original state of the units, the charged units (left column) and the final state after charging of the user token (right column).

- Selecting **"Read token"** will take you to a more detailed (see chapter 7.3 and figure 28).

- Press **"Close"** to return to the **"Charge token"** menu.

7.3 Loading a chip



Obr.29: Listing a token

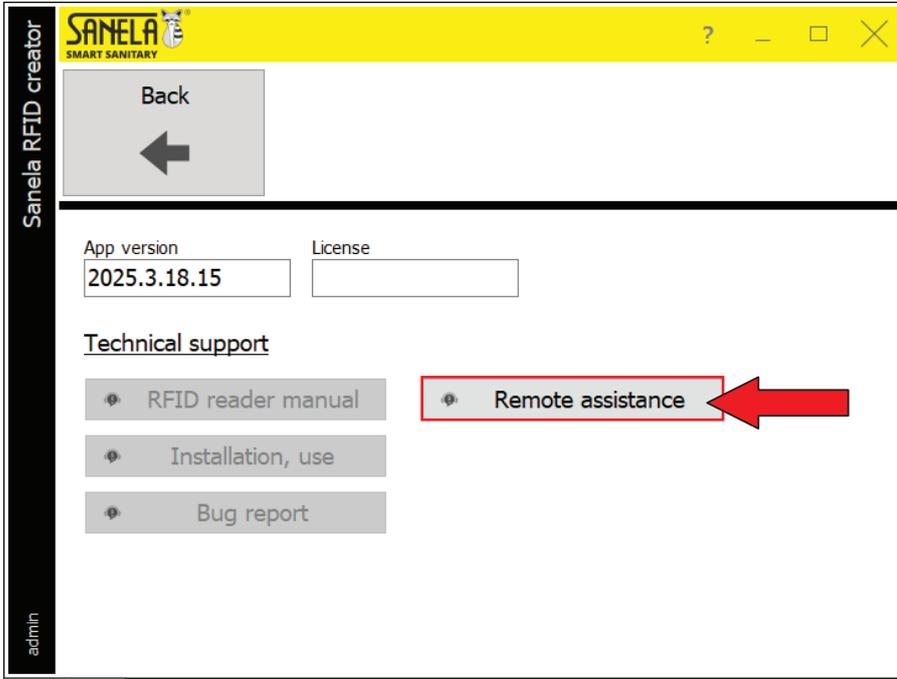
- Place the chip on the reader and select the following from the main menu **"Load Token"**.

- When the user token is successfully loaded, you will see a window listing the unit balance, accesses, counter of the token usage and whether the expiration time is active (including date).

- Another token can be loaded by selecting **"Read Token"**.

- Selecting **"Clear Units"** and attaching the user token to the reader will reset the token to zero units.

- Press **"Close"** to return to the main menu.



- The menu can be found in **Main menu > About**.
- If necessary, remote assistance can be used by selecting **"Remote Assistance"**.