

APP GUIDE

MULTIDIGIT air

Functional description of the app

Scalable Bluetooth® monitoring system for single-battery emergency luminaires with maximum safety and convenience. MULTIDIGIT air is particularly suitable for applications where wireless networking is required. Permanent monitoring and configuration are carried out via the MULTIDIGIT air app. A tablet or smartphone displays the current status of the system at a central, convenient location. The emergency luminaires report their current status via a Bluetooth® mesh network to the app, which analyses and controls the entire system. Up to 100 self-contained emergency luminaires can be wirelessly networked and monitored. A bus line is not required. The app generates the test log quickly and automatically in PDF format, which can be archived locally or in the cloud. This saves valuable time.

Explanation of the ICONS



Warning. Emergency luminaire in emergency mode.



Warning. Battery completely discharged.



Warning: No signal.

Warning. Blocking emergency operation.



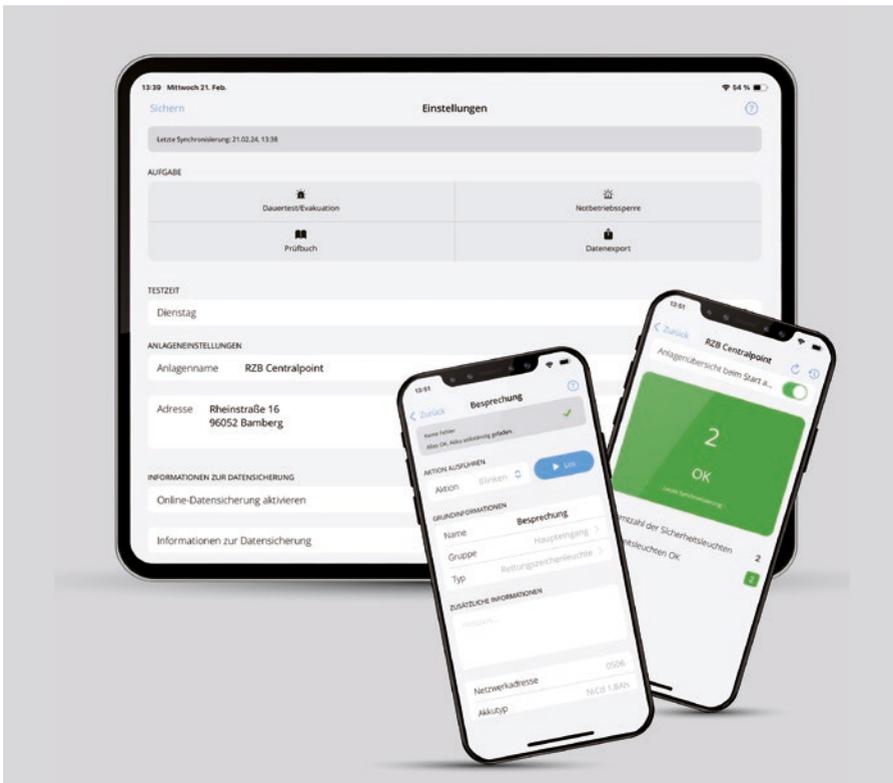
- Blocking of emergency operation activated, in standby mode.
- Blocking of emergency operation activated, battery is charging.
- Blocking of emergency operation activated, battery fully charged.
- Blocking of emergency operation activated, battery fully discharged.
- Blocking of emergency operation activated, emergency luminaire in function test.
- Blocking of emergency operation activated, emergency luminaire in duration test.



Charging fault. Battery damaged.

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4 Steps

to your own network

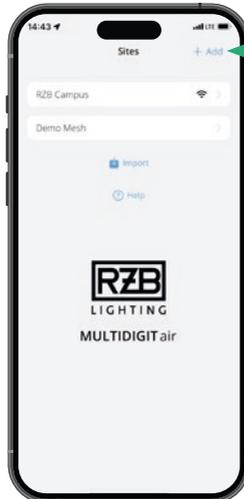
1. Download app



2. Switch on all operated luminaires

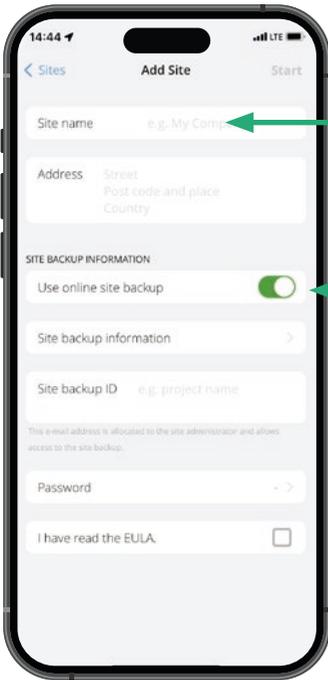
(Connect to the mains)

3. Open app



Via the
+ Add (iOS)
+ Mesh network (Android)
to create a new project

4. Create new project

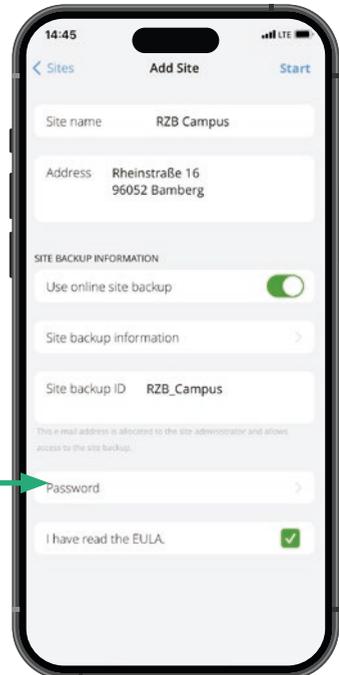


Assign a **Site name** and add the address of the project.

The „**Use online site backup**“ slider can be used to activate archiving of the project in the cloud. If this is not activated, the project data is only saved locally.

Attention! If „Online file backup“ is deactivated, your project will only be saved on the mobile device on which you created the project. If it is lost, you will lose all project data and temporary access to the luminaires.

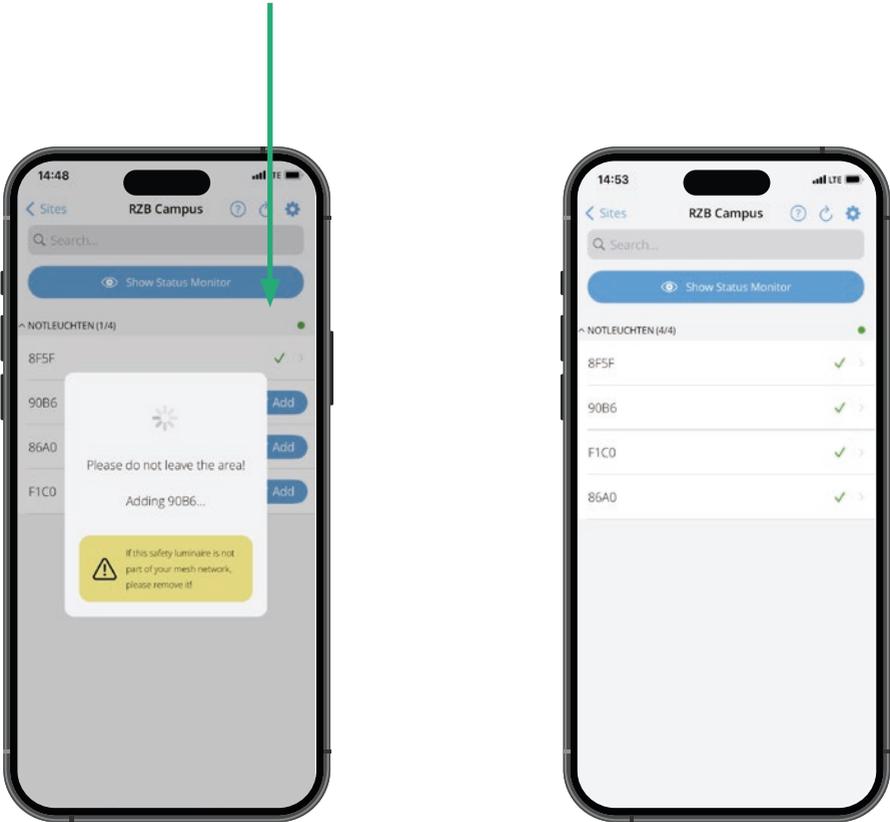
Assign a **unique site backup information** and a **password** to protect/restore the project. After confirming the terms and conditions for use, the project is created/generated by clicking the Start button.



The app automatically finds all operated luminaires that are switched on and within range.

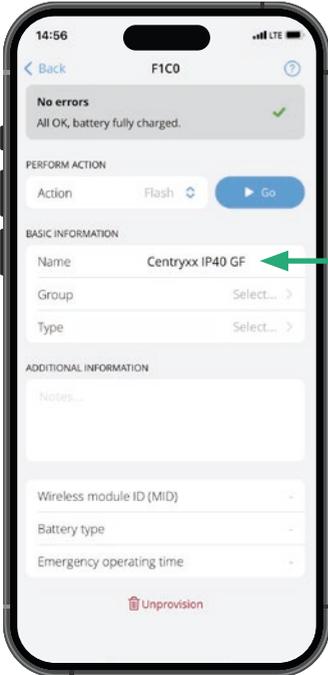
Note: The luminaires with the best signal strength are at the top of the list of luminaires found.

Use the **Add button** to add the luminaires to your project.



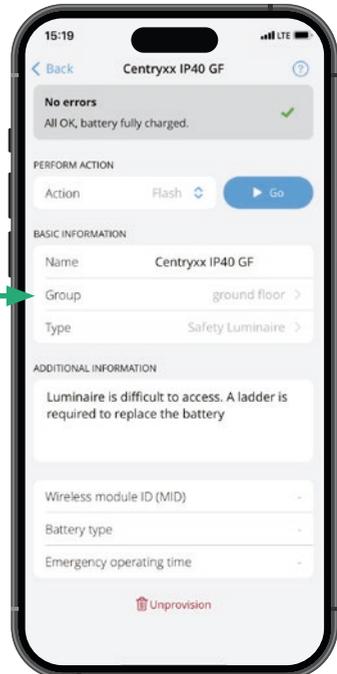
Identification and labelling of luminaires

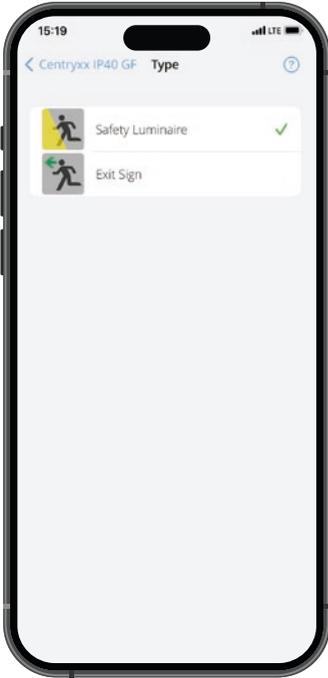
Select the **Flashing action** via the drop-down menu and confirm with Start, the selected luminaire will start flashing.



Assign a luminaire name and location in the „Name“ field for clear identification (e.g. Centryxx IP40 Ground floor corridor).

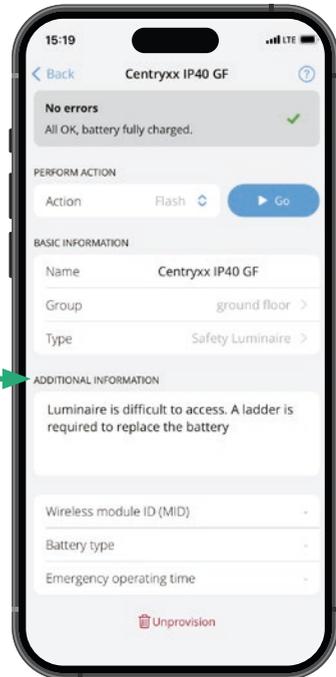
Groups can be created in the „Group“ field and the luminaire can be assigned to a specific group (e.g. group EG).



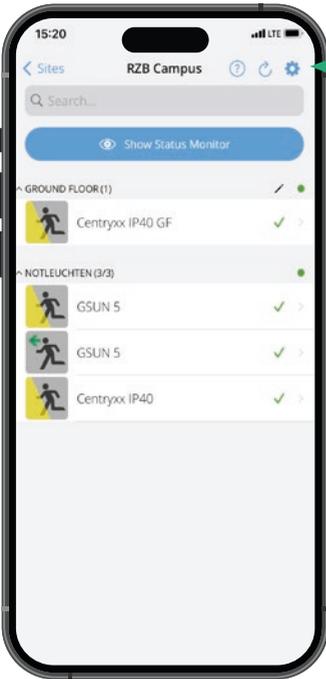


In the „**Type**“ field, the luminaire can be assigned an icon. This makes it clear in the project overview whether it is an emergency luminaire or a luminaire for escape route signage.

„**Additional information**“ Free text field for notes/information (without character limit), e.g. luminaire difficult to access, a ladder is required to replace the battery.

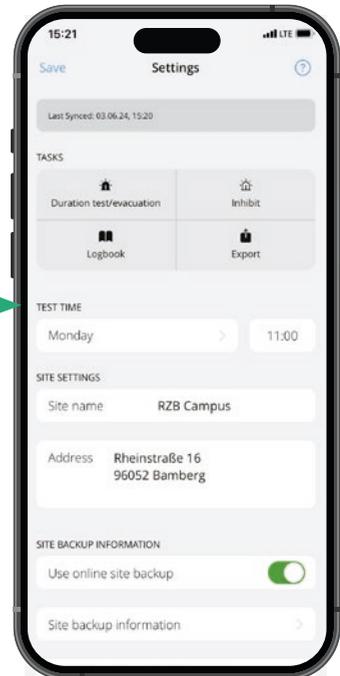


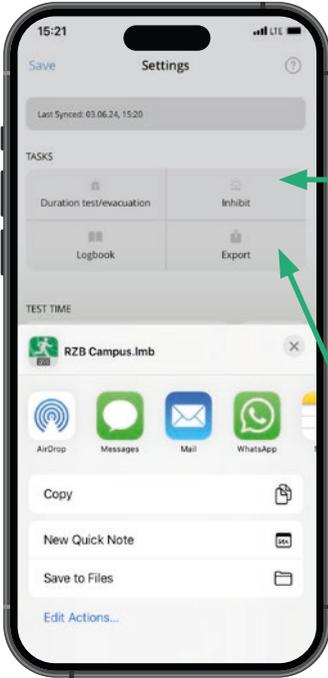
Settings



In the project overview, you can access the settings via the **Gear symbol**.

Determination of the **TEST TIME** (day of the week and time). All necessary tests are then carried out automatically.

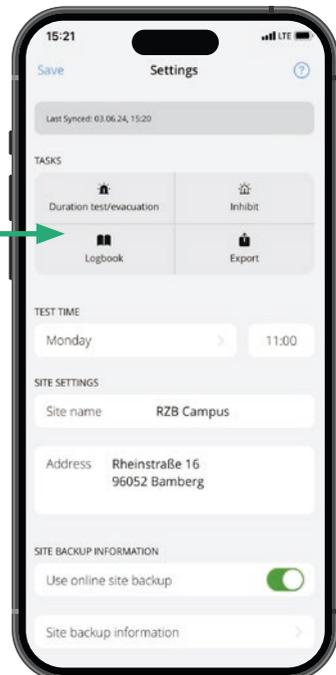




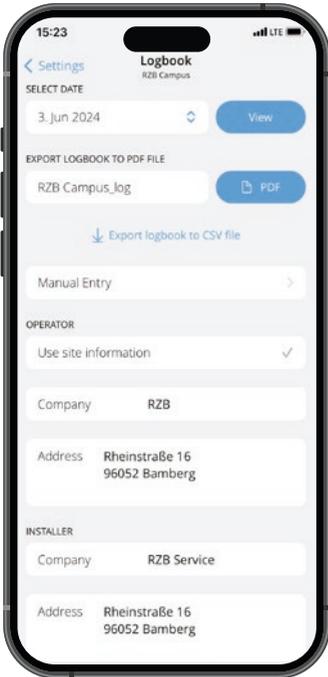
To block the emergency lighting function, press the „**Inhibit**“ button, then the mains voltage must be switched off within 30 minutes; if the mains voltage is not switched off within this time, the block is deactivated again.

File export for local file backup: You can use the File export button to send the configuration file by e-mail, AirDrop, WhatsApp etc., e.g. to the operator of the emergency lighting system.

You can access the **Logbook** via the icon in the settings.

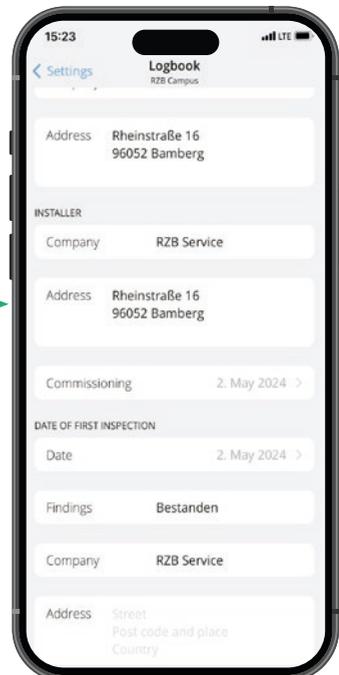


Logbook

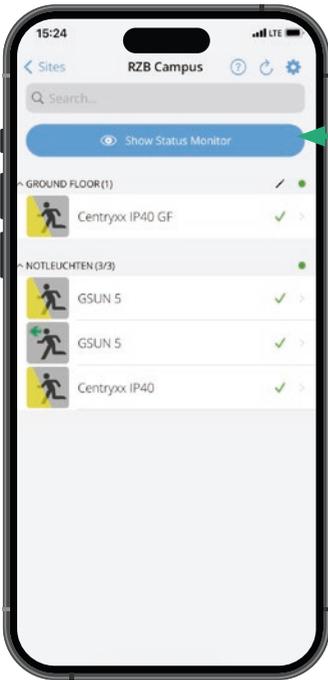


The inspection logbook can be exported as a PDF or CSV file. Test logbook entries can also be displayed for a specific date.

Enter information on the operator, installer and initial inspection date.



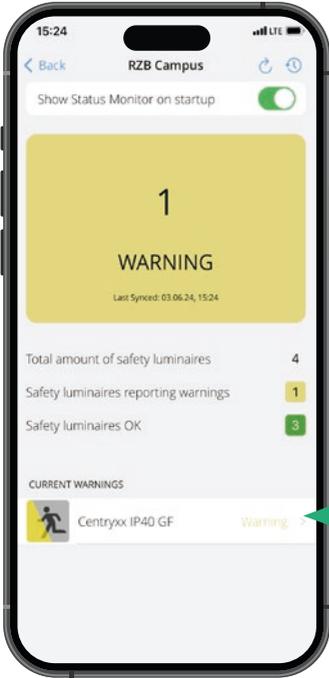
Display status monitor



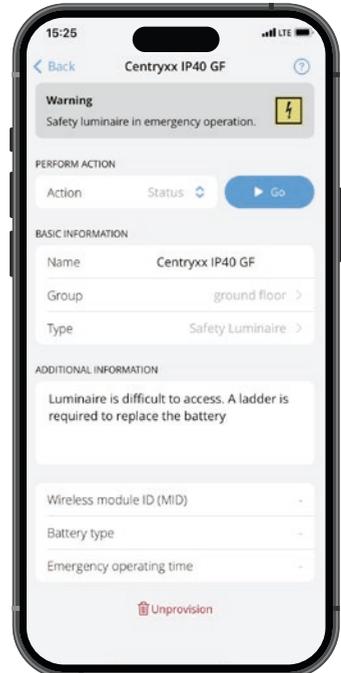
You can access the **status monitor** via the button on the project overview.

With the slider „**Show status monitor on startup**“ you can set the status monitor as the start screen when opening the app. The status monitor displays messages about errors and warnings.

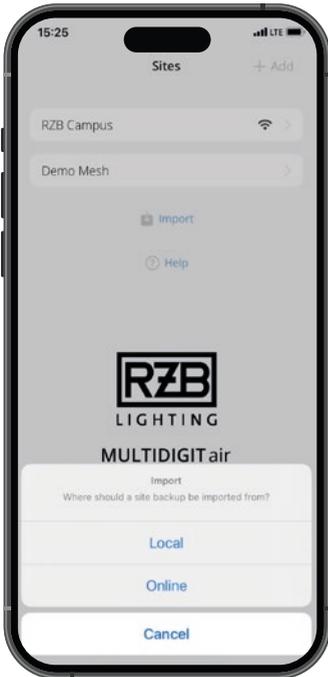




Clicking on **Error or Warning** for the corresponding luminaire takes you to the overview of the selected luminaire.

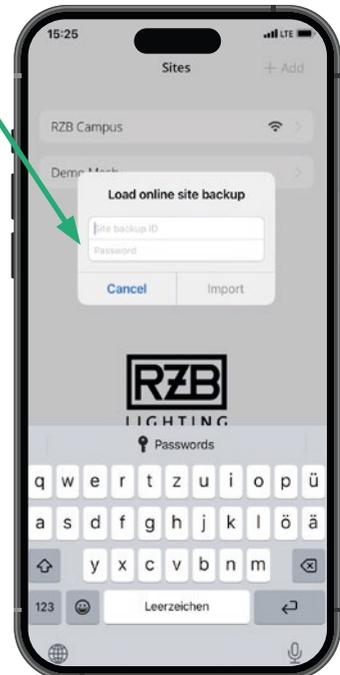


Import projects

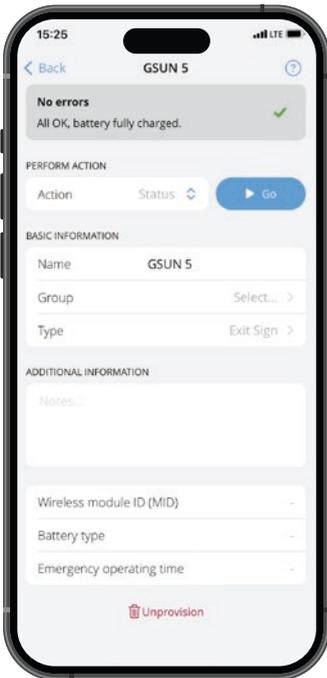


On the start screen of the MULTIDIGIT AIR app, you have the option of importing existing projects or transferring them to the operator.

- during local import, the file is loaded from the memory of the device
- Online import is carried out by entering the File name and password from the online drive

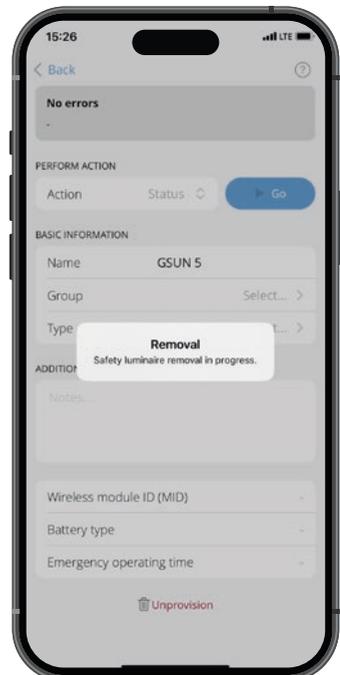


Delete luminaires from the project

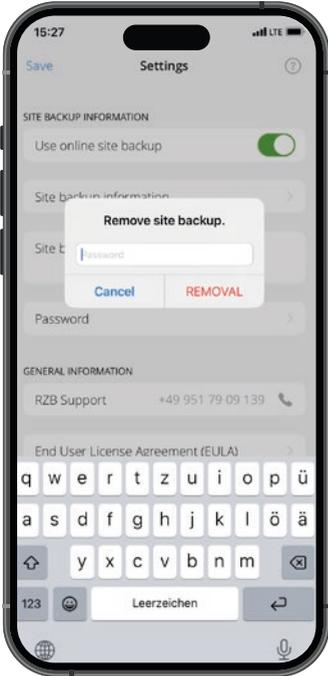


To delete luminaires from the project because they do not belong to the project or are being replaced luminaires can be deleted from the project by clicking on the „Remove“ button in the menu of the respective luminaire.

The luminaire is then freely available again and can be assigned to another network, for example.



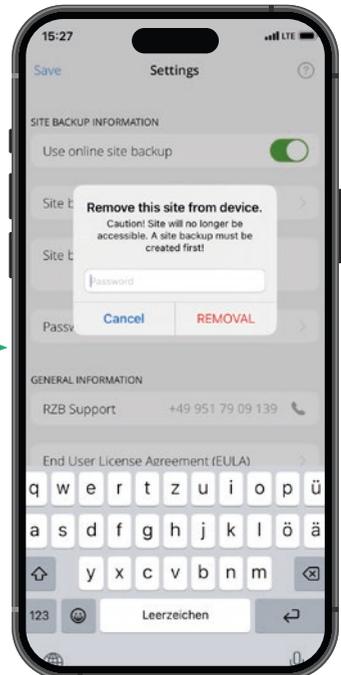
Delete project from the end device or from the online storage



With the button „**Remove site backup**“ button deletes the project from the online storage.

In the settings, you can use the button „**Remove this site from device**“, the project can be deleted from the end device.

Note: If the project is deleted from the online file storage and from the end device, and no local data backup is created, you will no longer have access to the project - the luminaires must be **manually decoupled** and a **new project created**.



Decoupling luminaires without access to the network

Without access to the network, luminaires can be disconnected manually by disconnecting the luminaire from the mains for 40-50 seconds, then reconnecting the luminaire to the mains for 40-50 seconds. This process must be repeated 5 times (Luminaire on mains - Switch off mains - Switch on mains - Switch off mains - Switch on mains - Switch off mains - Luminaire on mains), after which the luminaires are visible again in the free Bluetooth® Mesh network. The battery must be connected.



Note: The status display of the project may be required by the operator or by legal regulations.

For this, it is necessary to permanently install a **mobile end device in the project at a suitable central location**. All error and warning messages are clearly displayed using the „Display status monitor“ function.

FAQ

1. **What if I have more than 100 luminaires?**

If you have more than 100 luminaires, you can easily set up several networks.

2. **Can this „additional“ network be operated and viewed via the same app?**

The app gives you access to all networks for which you have authorisation.

3. **Is centralised monitoring necessary?**

If required by the operator of the project or statutory regulations is required.

4. **How can the project be monitored on site?**

Via a tablet / smartphone that is within range of a luminaire (e.g. wall mounting of a tablet).

5. **Are the luminaires always visible in the Bluetooth® mesh?**

Once the luminaires have been added to a network, they are no longer visible in the free Bluetooth® Mesh environment.

6. **Can all RZB emergency luminaires be equipped with Multidigit air?**

In principle, all RZB emergency luminaires can be equipped with Multidigit air. However, due to the design of the luminaire, it is necessary to check the extent to which the radio signal from the luminaire reaches the surroundings (e.g. interference from metals).

7. **Where is the server for online storage (cloud) located?**

Germany (see data protection information).

8. **What does the article number ending .F1 stand for?**

The article number ending .F1 stands for MULTIDIGIT air and indicates the compatibility of the luminaire with the system.





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