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## **Product manual**

ABB-free@home

Setting up remote access through the  
MyBuildings portal

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## Table of contents

1	Requirements .....	3
2	General information .....	4
3	Registration of ABB-free@home on the portal.....	5
3.1	System Access Points .....	5
3.2	Mobile devices.....	8
4	Exchange of the security code .....	10

### 1 Requirements

- Registration on <https://mybuildings.abb.com>
- Smartphone / tablet with installed ABB-free@home app
- ABB-free@home System Access Point with installed firmware from version 2.0
- Mobile data speed of at least 3G standard
- Internet access with a minimum upload and download speed of at least DSL 6000

## 2 General information

The MyBuildings portal is a service from ABB. The portal offers the highest in operating comfort for remote access with smartphone and tablet. The end customer does not need DynDNS access. A connection is established by registering and logging in at MyBuildings portal.

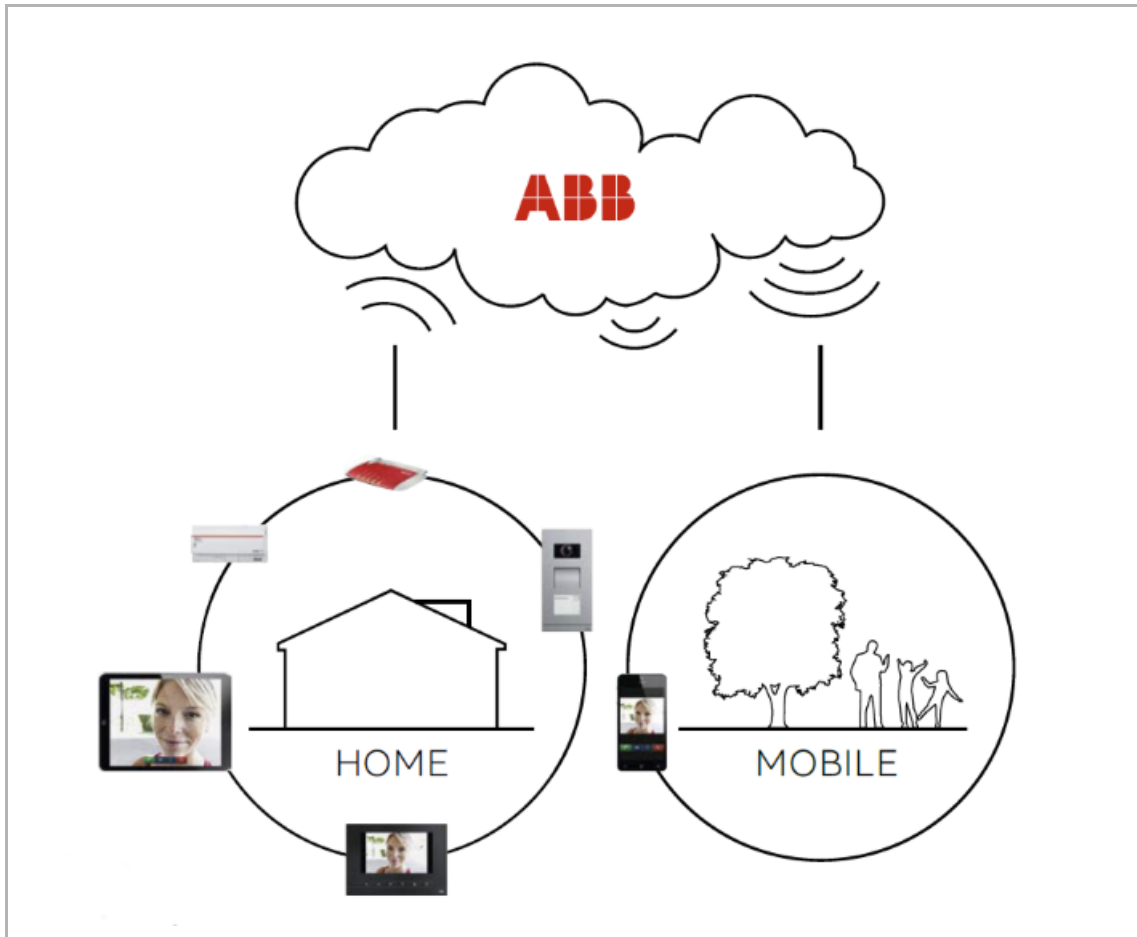


Fig. 1: Installation overview

The MyBuildings portal serves as intermediary between the local free@home installation and the mobile terminal device.

Usage data and system states are neither stored nor can they be accessed by ABB. The communication between MyBuildings portal and the free@home, or the mobile terminal device is encrypted per TLS and the entire communication is additionally encrypted end-to-end. Therefore, it is also suitable for third-party integration, e. g. Amazon Alexa.

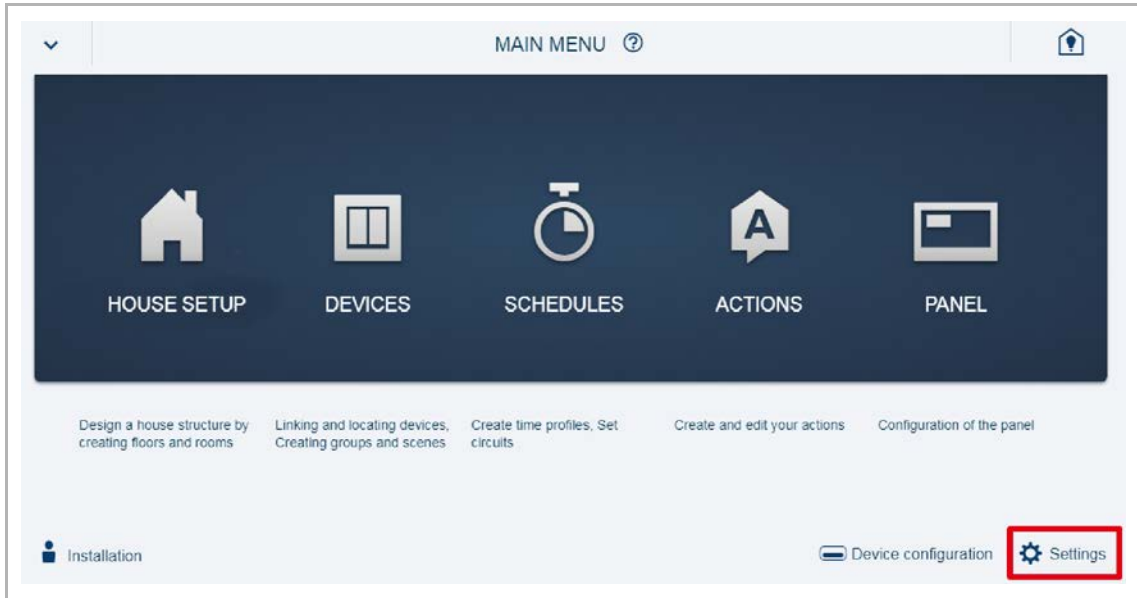
### **Prerequisites for the use of MyBuildings portal:**

Registration as new user at MyBuildings portal (<https://mybuildings.abb.com>).

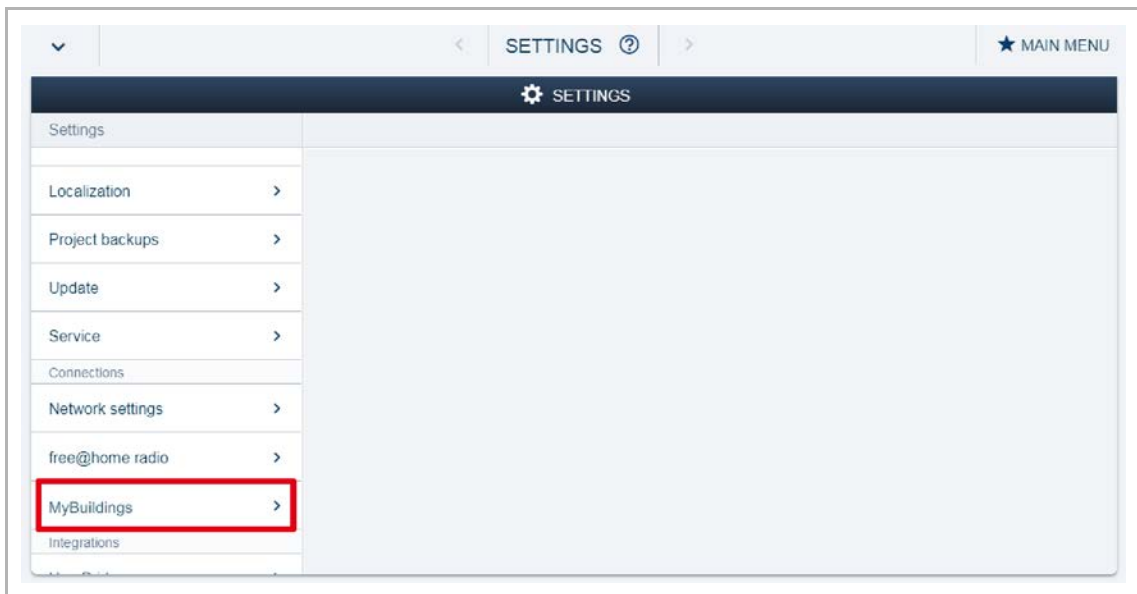
### 3 Registration of ABB-free@home on the portal

#### 3.1 System Access Points

1. Open the ABB-free@home configuration and select "Settings".

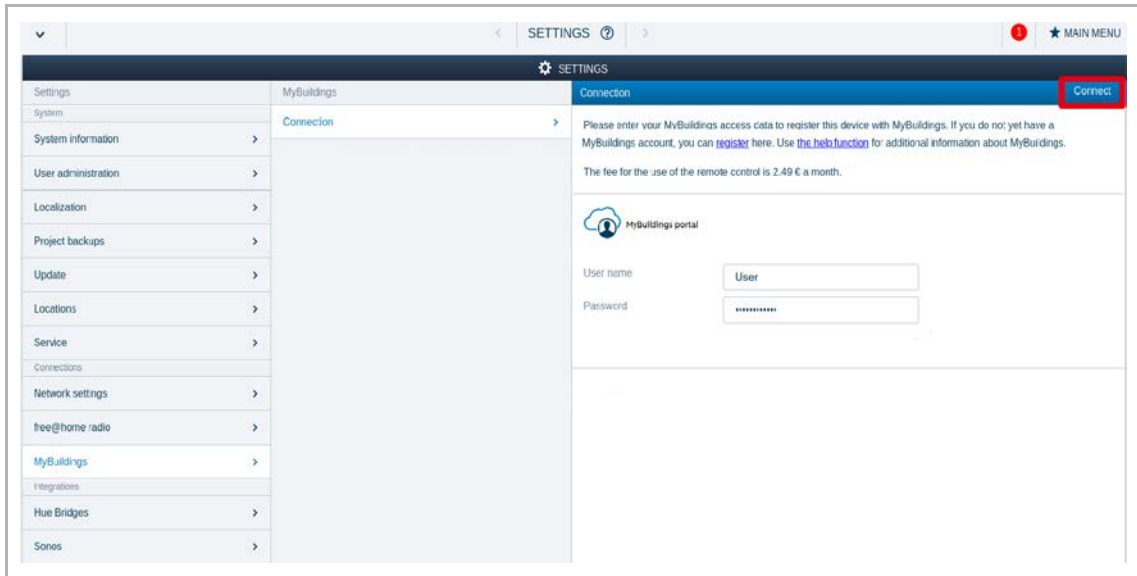


2. Select "MyBuildings" in the submenu.



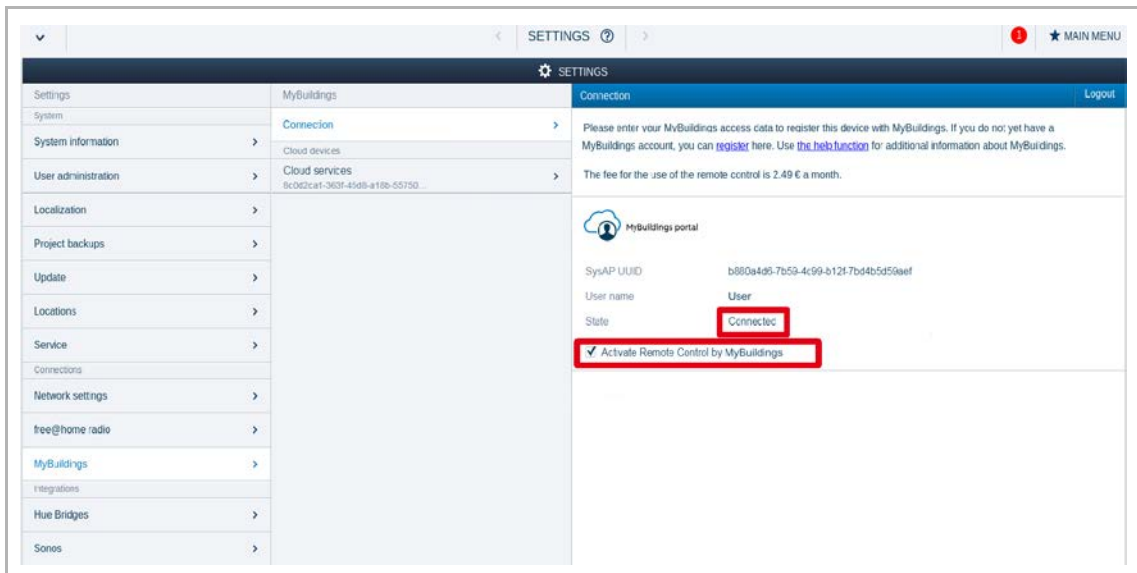
## Registration of ABB-free@home on the portal

3. Enter the credentials of your MyBuildings portal account. Then click "Connect" to register the System Access Point on the portal.
4. It may take up to 30 seconds for the connection to be established.



The screenshot shows the 'SETTINGS' page for MyBuildings. The left sidebar contains a menu with items like System information, User administration, Localization, Project backups, Update, Locations, Service, Connections, Network settings, free@home radio, MyBuildings, Integrations, Hue Bridges, and Sonos. The main content area is titled 'Connection' and features a 'Connect' button in the top right corner. Below the button, there is a text prompt: 'Please enter your MyBuildings access data to register this device with MyBuildings. If you do not yet have a MyBuildings account, you can register here. Use the help function for additional information about MyBuildings.' A note states: 'The fee for the use of the remote control is 2.49 € a month.' The 'MyBuildings portal' section includes a 'User name' field with the value 'User' and a 'Password' field with masked characters.

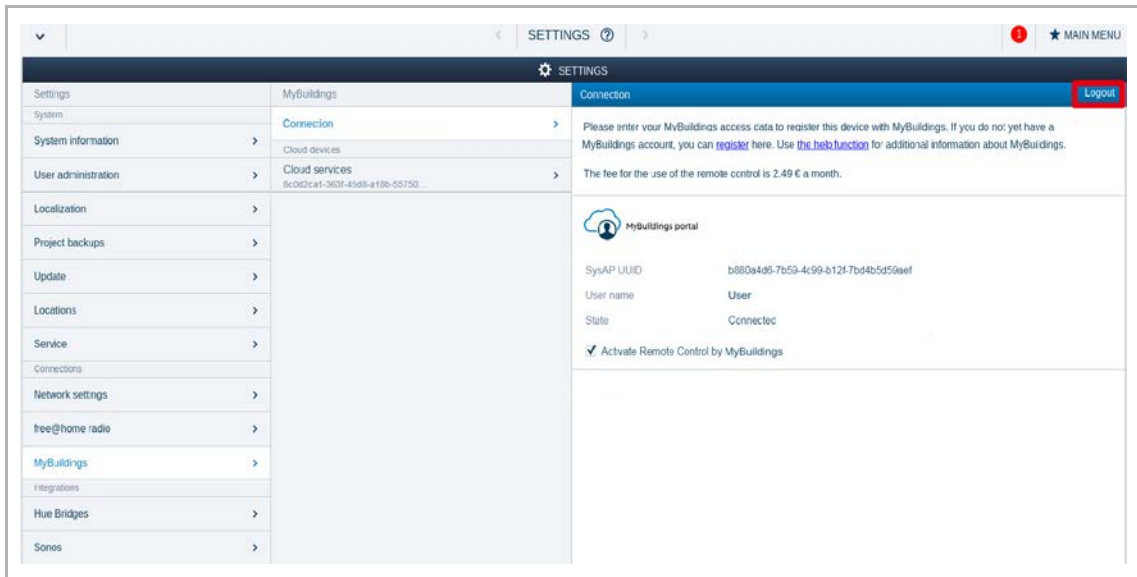
5. The state will be indicated as "Connected" as soon as the connection is completed.
  - Uncheck the box "Activate Remote Control by MyBuildings", to disconnect the System Access Point from the portal. The access data are saved, so that the connection can be restored by checking the same box again.



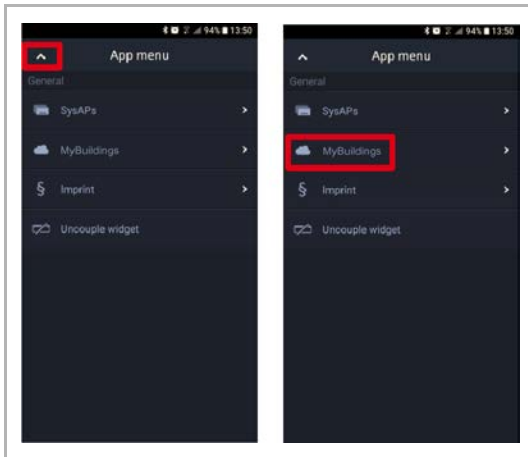
The screenshot shows the 'SETTINGS' page for MyBuildings after a successful connection. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Connection' and now includes a 'Logout' button in the top right corner. The text prompt and fee note are still present. The 'MyBuildings portal' section now displays the 'SysAP UUID' as 'b880a495-7b59-4c99-b12f-7bd4b5d59aef'. The 'User name' field shows 'User'. The 'State' field is now 'Connected' and is highlighted with a red box. Below this, the checkbox 'Activate Remote Control by MyBuildings' is checked and also highlighted with a red box.

# Registration of ABB-free@home on the portal

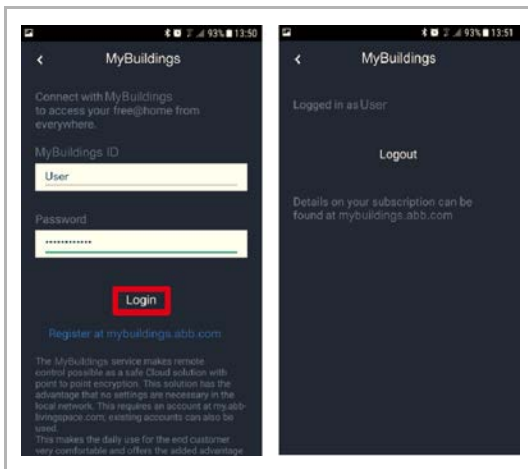
6. Click the "Logout" button, to disconnect from the portal and delete your credentials.



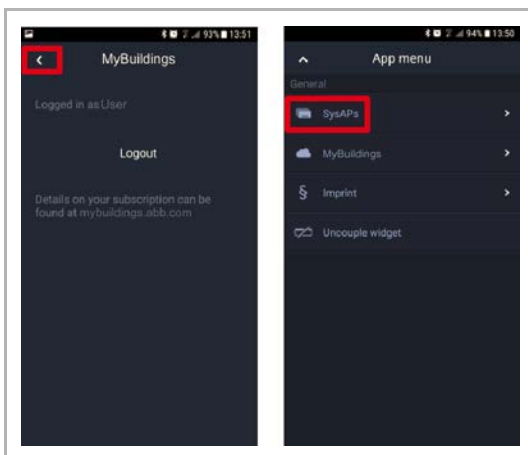
## 3.2 Mobile devices



1. Make sure, that all mobile devices as well as the System Access Point are located in the same network.
2. Start the ABB-free@home app and navigate to the app menu by clicking on the arrow on the upper left.
3. Navigate to "My Buildings".



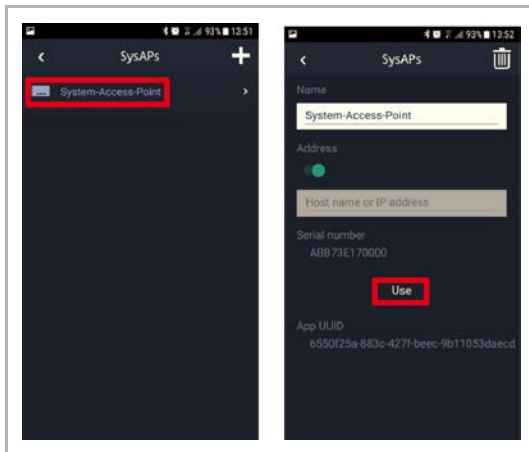
4. Enter your ID and password and confirm by clicking "Login".
  - It may take up to 30 seconds for the connection to be established.
  - By clicking "Logout", you can disconnect your app from the MyBuildings portal platform, if desired.



5. When navigating back to the page "App menu", you have to select the desired System Access Point you wish to establish a connection with.

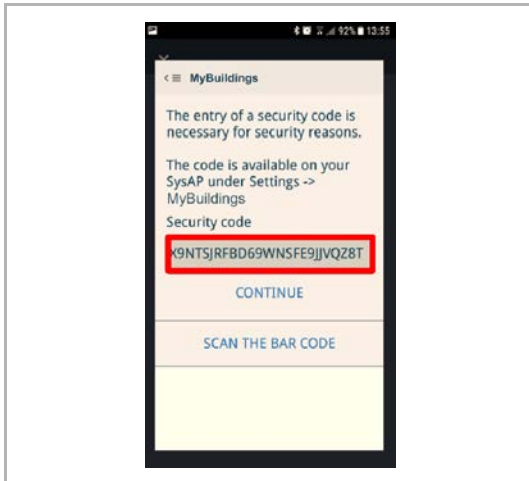


## Registration of ABB-free@home on the portal



6. Select the corresponding System Access Point and confirm your selection by clicking "Use".

## 4 Exchange of the security code

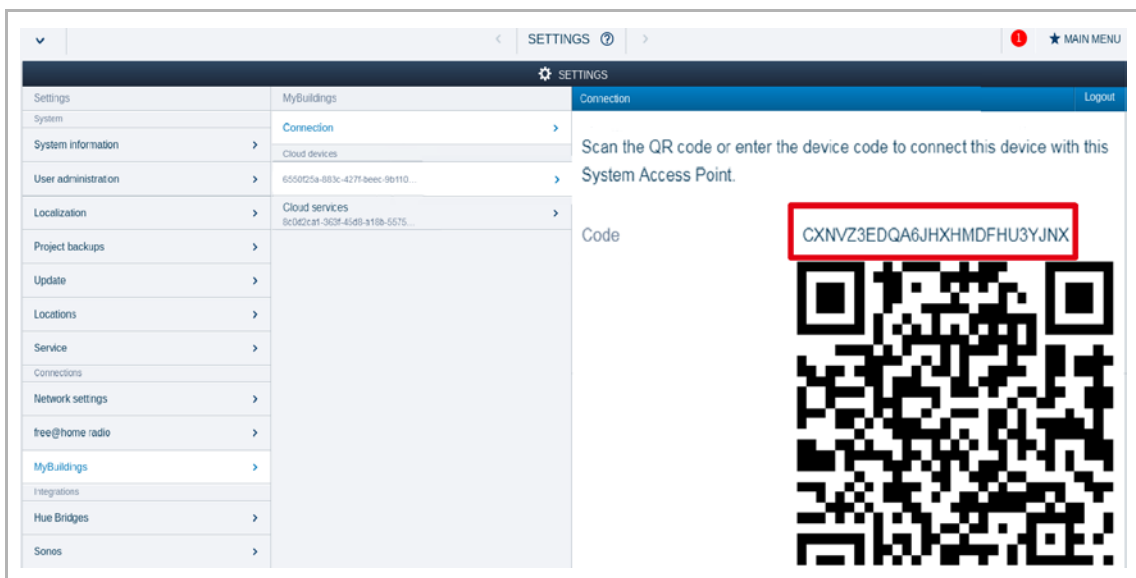


The System Access Point and the mobile app must exchange a security key.

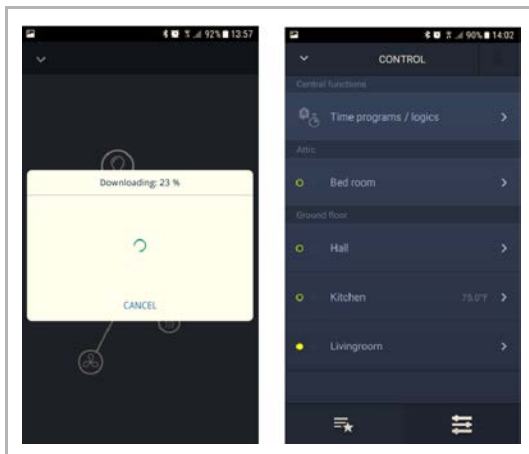
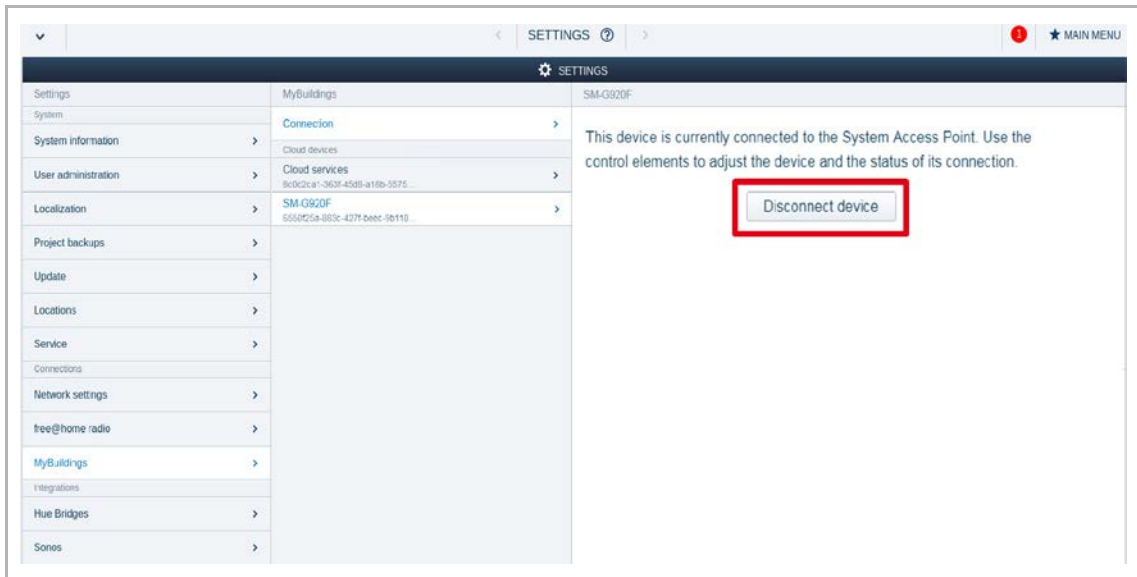
- If both devices are located in the same network at the time of the login, they automatically exchange the security key.
- If the exchange is not made automatically or the devices are not located in the same network, the app will ask you to enter a unique “security code”.

The mobile device will be shown in the list of devices, as soon as it requests access to the System Access Point.

1. You can either manually enter the security code into the app, or scan the QR code.



2. You can cancel a successfully established connection by clicking "Disconnect device".



The first time you connect to the System Access Point, the app will download the project's basic information.

