

Duplicating projects in free@home

Multi apartment buildings

GPG BUILDING AUTOMATION

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Product: free@home

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Despite checking that the contents of this document are consistent with the current versions of the related hard and software of the products mentioned within, deviations cannot be completely excluded. We therefore assume no liability for correctness. Necessary corrections will be introduced as and when new versions of the document are generated.

Introduction

Transferring or copying the programming of an existing project to a new project can be really relevant e.g. for commissioning 100 apartments in a high rise building.

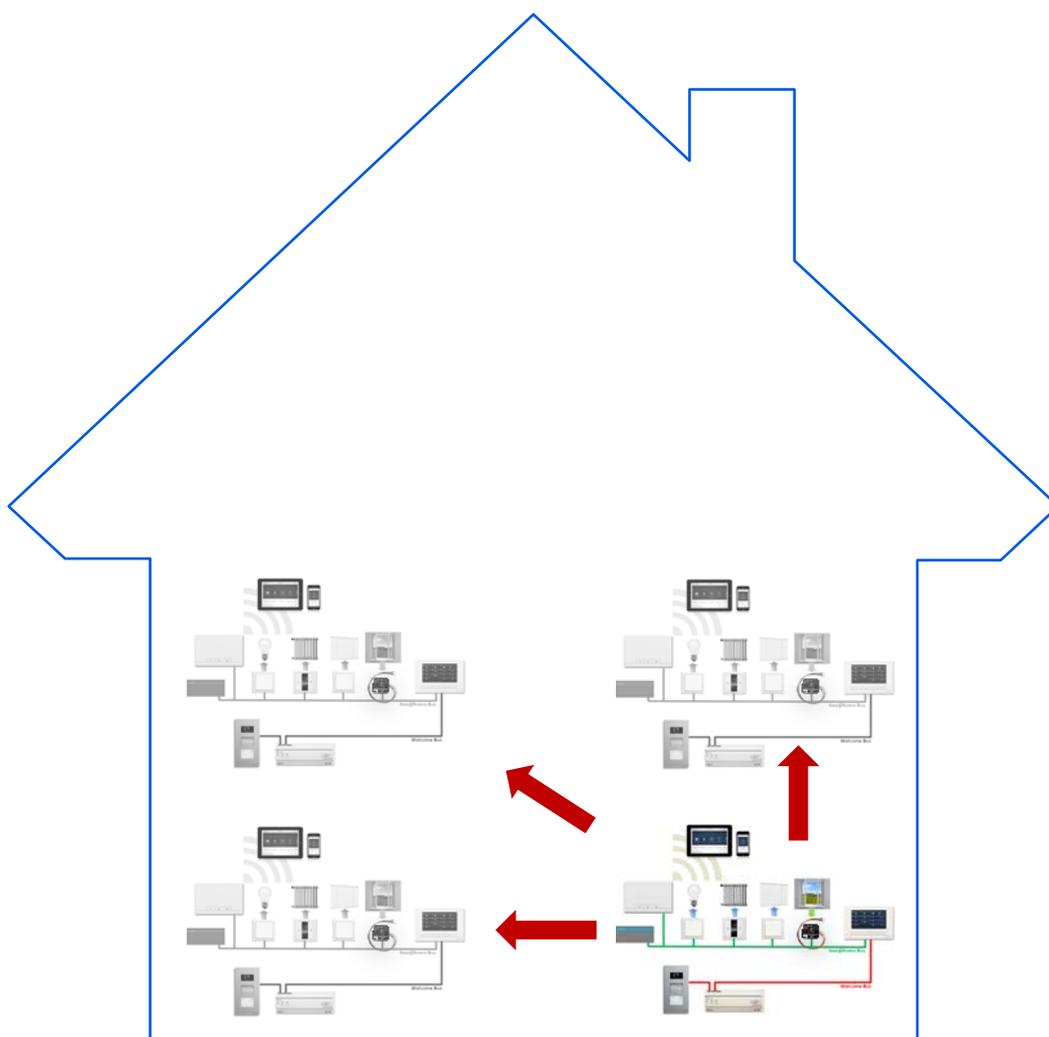
Advantage: to duplicate the project, it only takes a few minutes (depending on project size).

Objectives of the document

- Clear and simple step-by-step instructions on how to duplicate free@home projects.

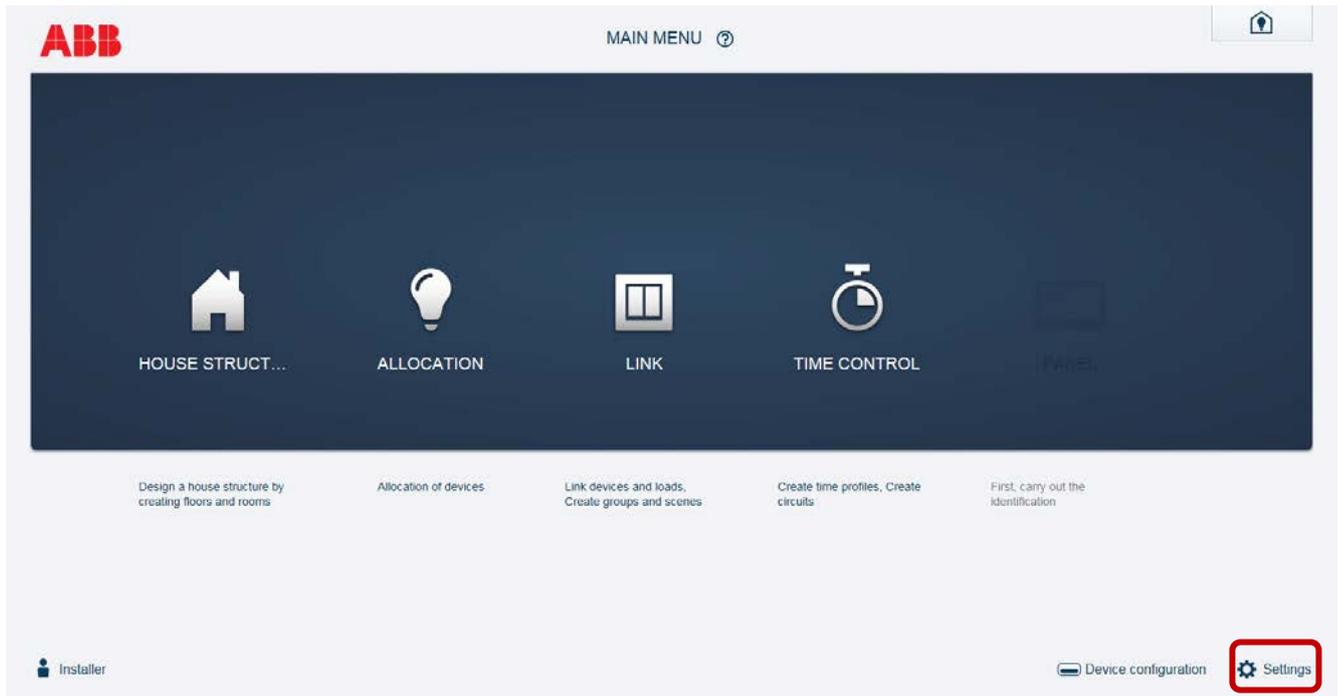
Content

The following description is based on a fully-programmed project.

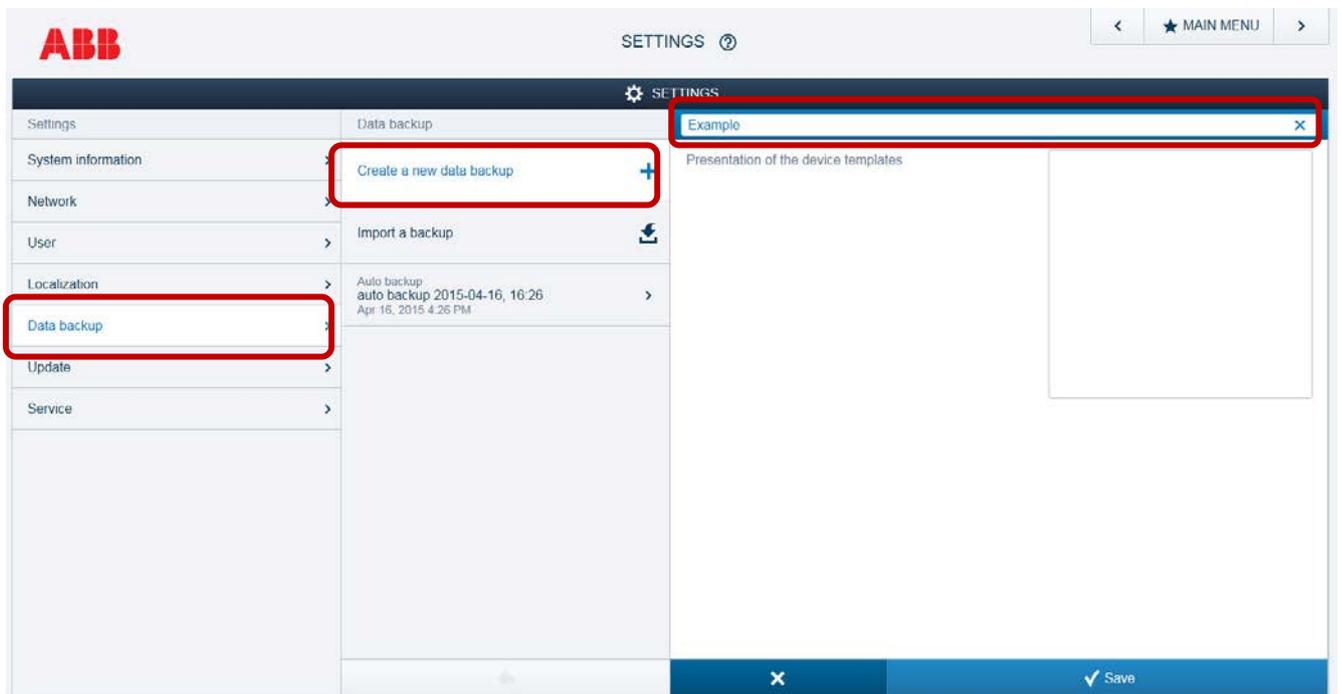


1. CREATE BACKUP

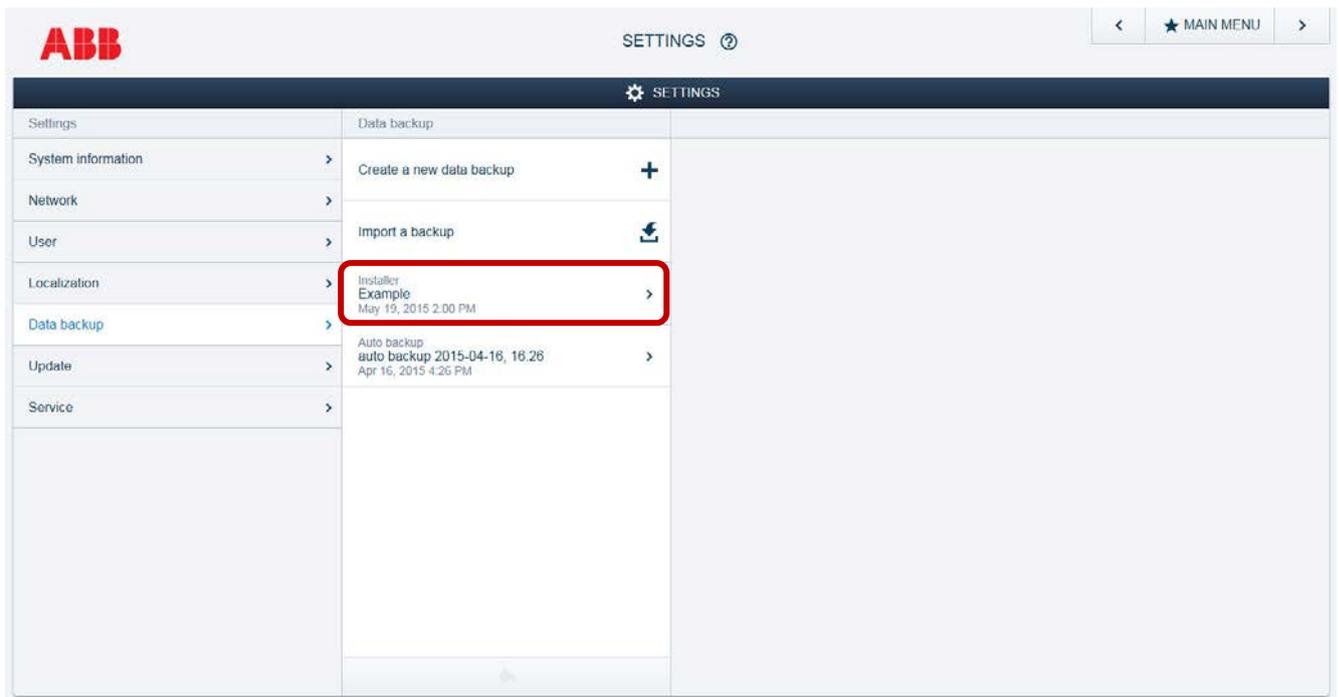
1.1. Start by creating a backup of the existing project. Go to the main menu / Settings.



1.2. Click on “Data backup” / “Create a new data backup” and provide a meaningful name to the file.



1.3. Afterwards, the new backup appears in the backup list.



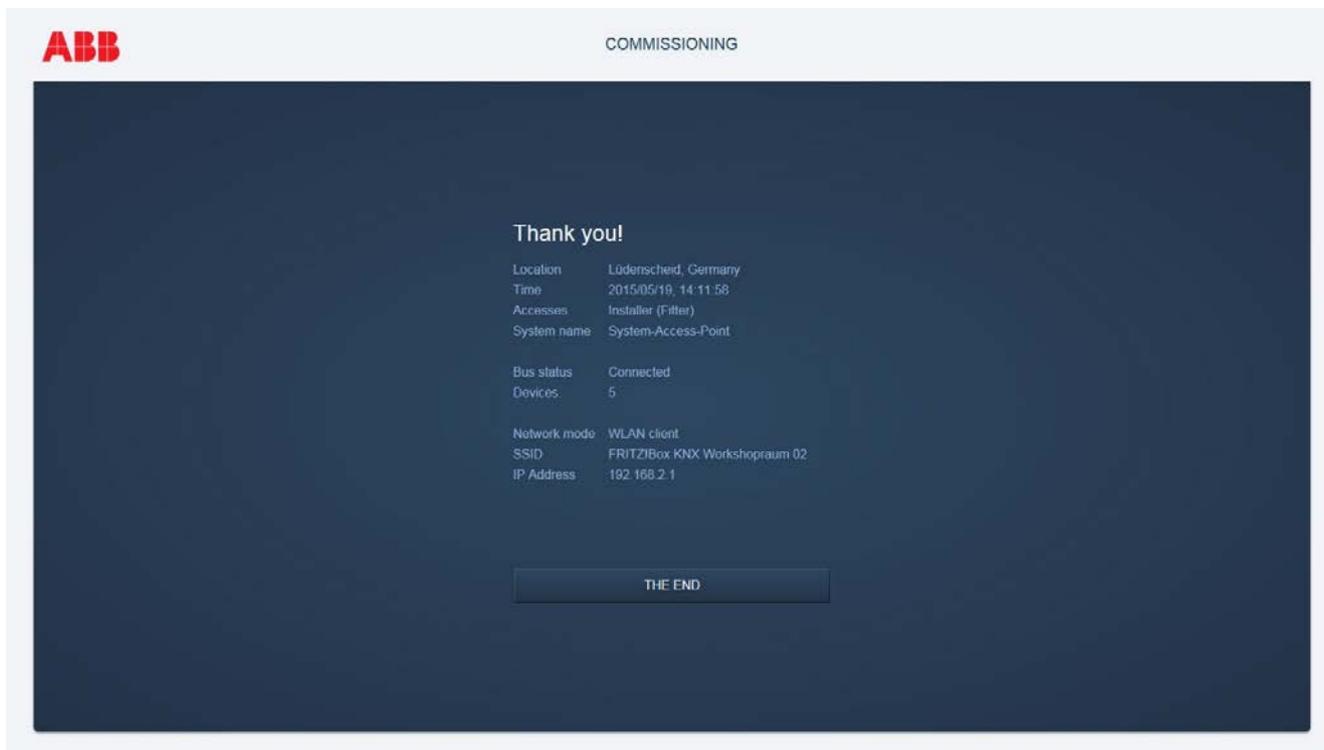
1.4. Click on it and “Export” it.

1.5. Exit this project.

2. IMPORT AND RESTORE BACKUP

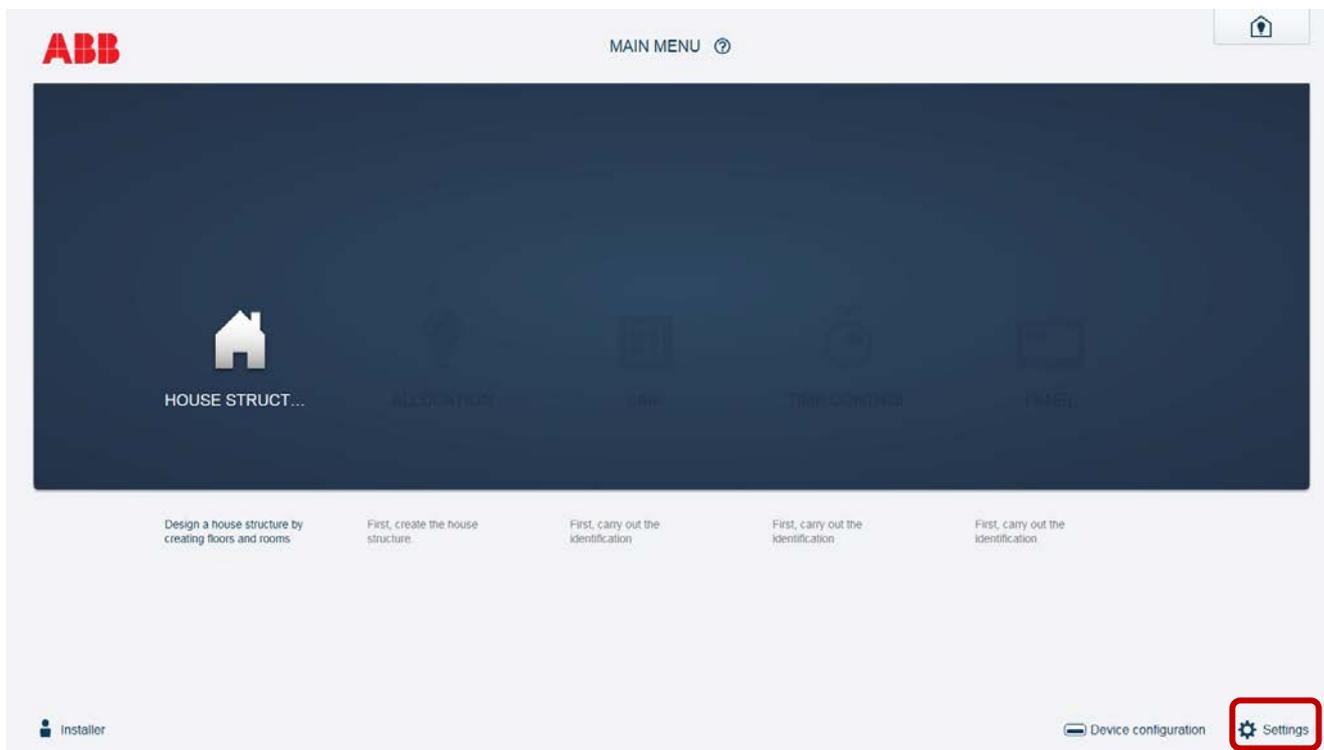
2.1. Connect to the new System Access Point.

2.2. Set up the new project as usual (configuration of location, users etc.).

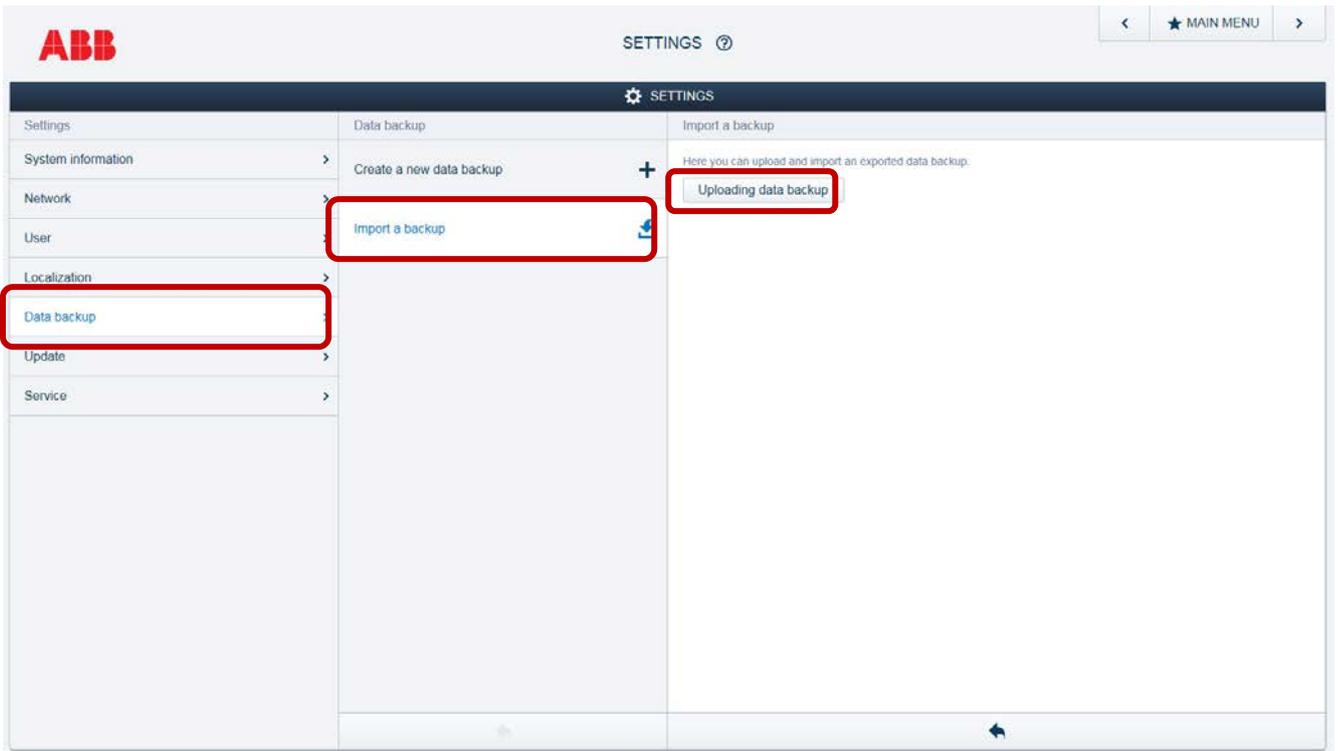


2.3. End of configuration of the new System Access Point.

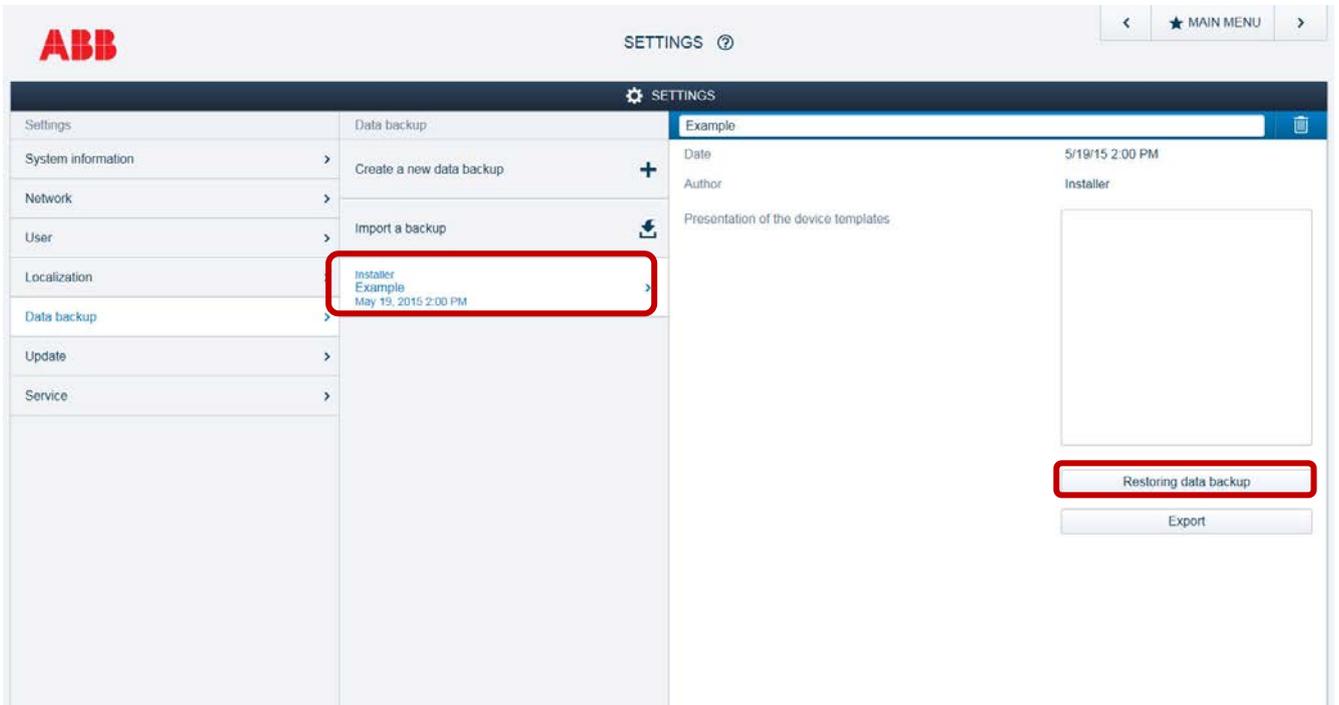
2.4. Once you open the new project and are in the main menu go to Settings.



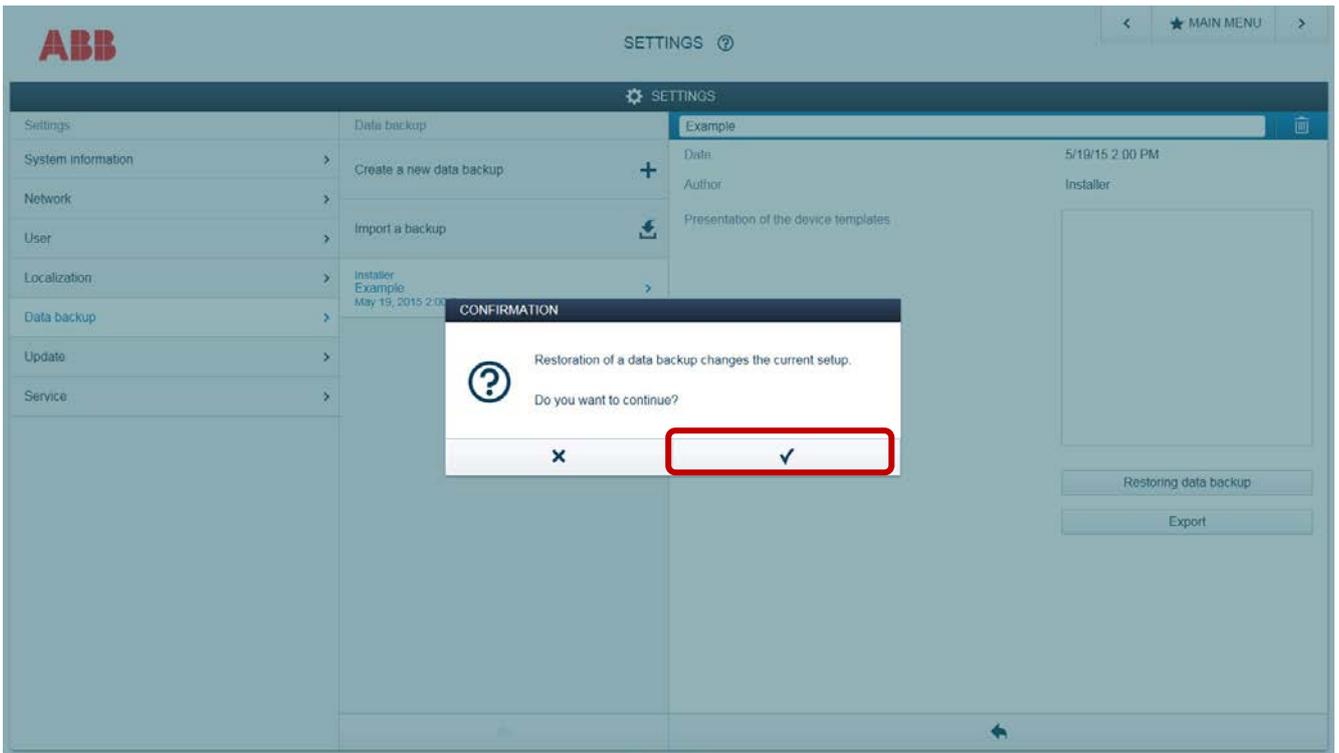
2.5. Click on “Import a backup” and upload the backup you created of the previous project.



2.6. The backup now appears in the list. Click on it and restore it.



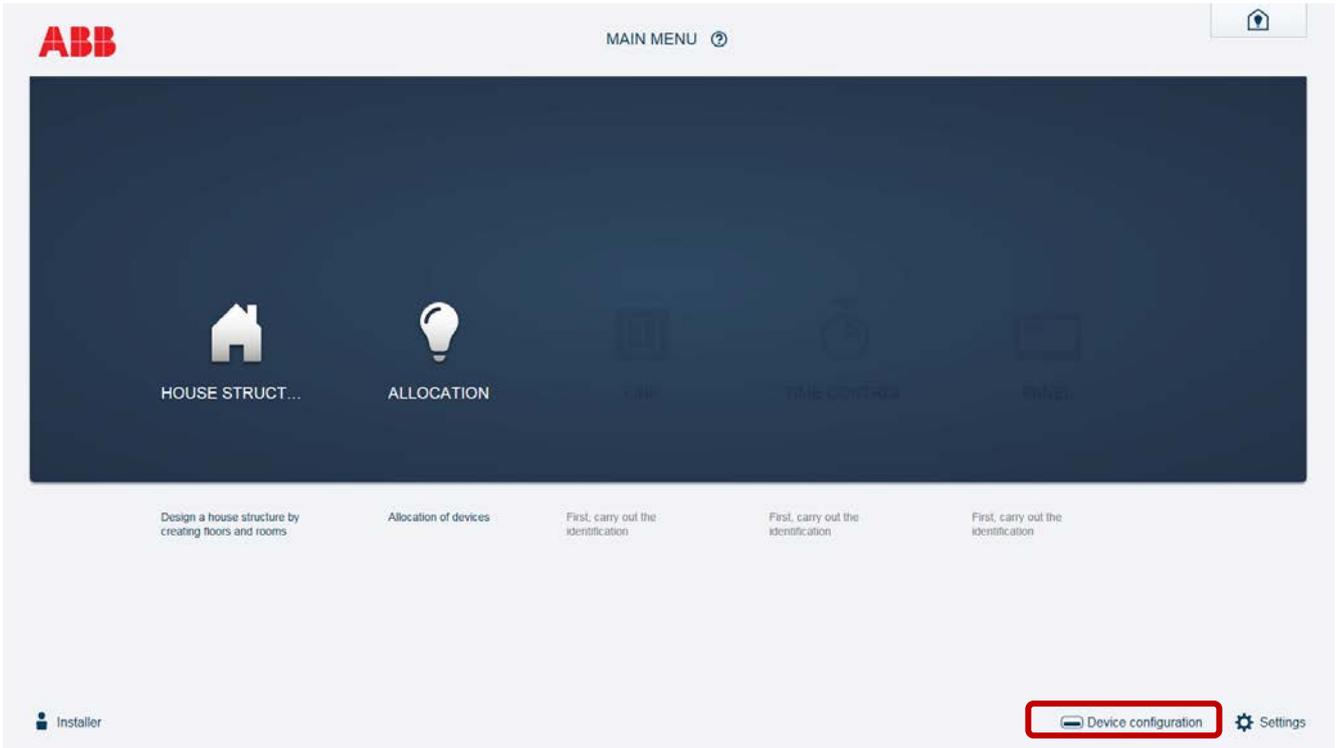
2.7. Confirm to restore the programming from the data backup.



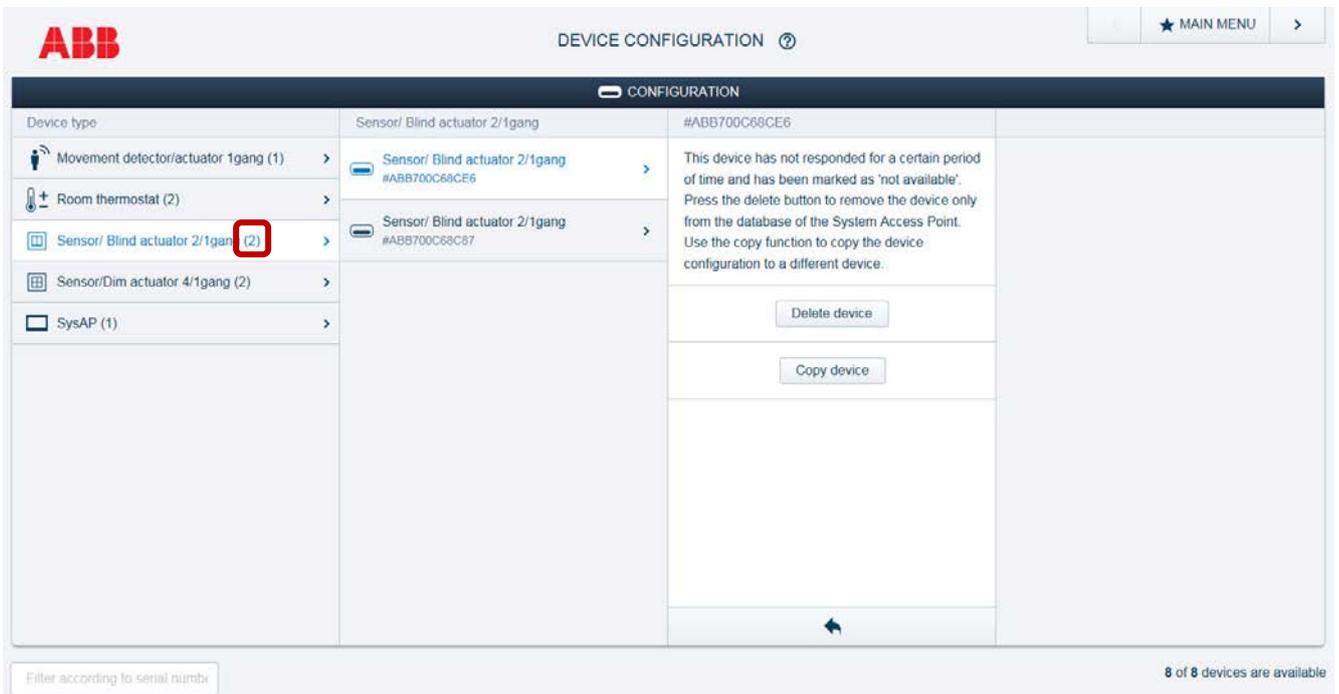
2.8. If you upload the data backup into a new project / apartment, you will see that the house structure is already there but the devices are not. The reason for this is that the uploaded program can't find the "old" physical addresses of devices anymore. A replacement from the "old" known devices with the "new" ones has to be done (copy devices).

3. COPY DEVICES

3.1. Go back to the main menu / "Device configuration".



3.2. The same devices that exist in the old as well as the new project are listed under the same category, the number of available devices is indicated by the number in brackets.



3.3. The physical device from the previous project is listed as “not available”.

The screenshot shows the ABB Device Configuration interface. The top bar includes the ABB logo, 'DEVICE CONFIGURATION', and a 'MAIN MENU' button. Below this is a 'CONFIGURATION' header. The main area is a table with columns for 'Device type', 'Sensor/ Blind actuator 2/1gang', and '#ABB700C68CE6'. The table lists several device types: 'Movement detector/actuator 1gang (1)', 'Room thermostat (2)', 'Sensor/ Blind actuator 2/1gang (2)', 'Sensor/Dim actuator 4/1gang (2)', and 'SysAP (1)'. The 'Sensor/ Blind actuator 2/1gang (2)' row is selected, and its details are shown in a right-hand pane. The details pane contains a message: 'This device has not responded for a certain period of time and has been marked as "not available". Press the delete button to remove the device only from the database of the System Access Point. Use the copy function to copy the device configuration to a different device.' Below the message are two buttons: 'Delete device' and 'Copy device'. At the bottom of the interface, there is a filter input field and a status indicator '8 of 8 devices are available'.

3.4. The physically available device for the new project is listed as normal without any allocation or links.

The screenshot shows the ABB Device Configuration interface. The top bar includes the ABB logo, 'DEVICE CONFIGURATION', and a 'MAIN MENU' button. Below this is a 'CONFIGURATION' header. The main area is a table with columns for 'Device type', 'Sensor/ Blind actuator 2/1gang', and '#ABB700C68CE6'. The table lists several device types: 'Movement detector/actuator 1gang (1)', 'Room thermostat (2)', 'Sensor/ Blind actuator 2/1gang (2)', 'Sensor/Dim actuator 4/1gang (2)', and 'SysAP (1)'. The 'Sensor/ Blind actuator 2/1gang (2)' row is selected, and its details are shown in a right-hand pane. The details pane contains the following information: 'Short ID: TQF', 'Software version: 0.1.2', 'Restart device' button, 'Reset' button, 'Position' section with 'Floor' dropdown set to '<not allocated>', 'Room' dropdown set to '<not allocated>', 'Channel selector' dropdown set to 'Rocker', and 'Rocker' dropdown. At the bottom of the interface, there is a filter input field and a status indicator '8 of 8 devices are available'.

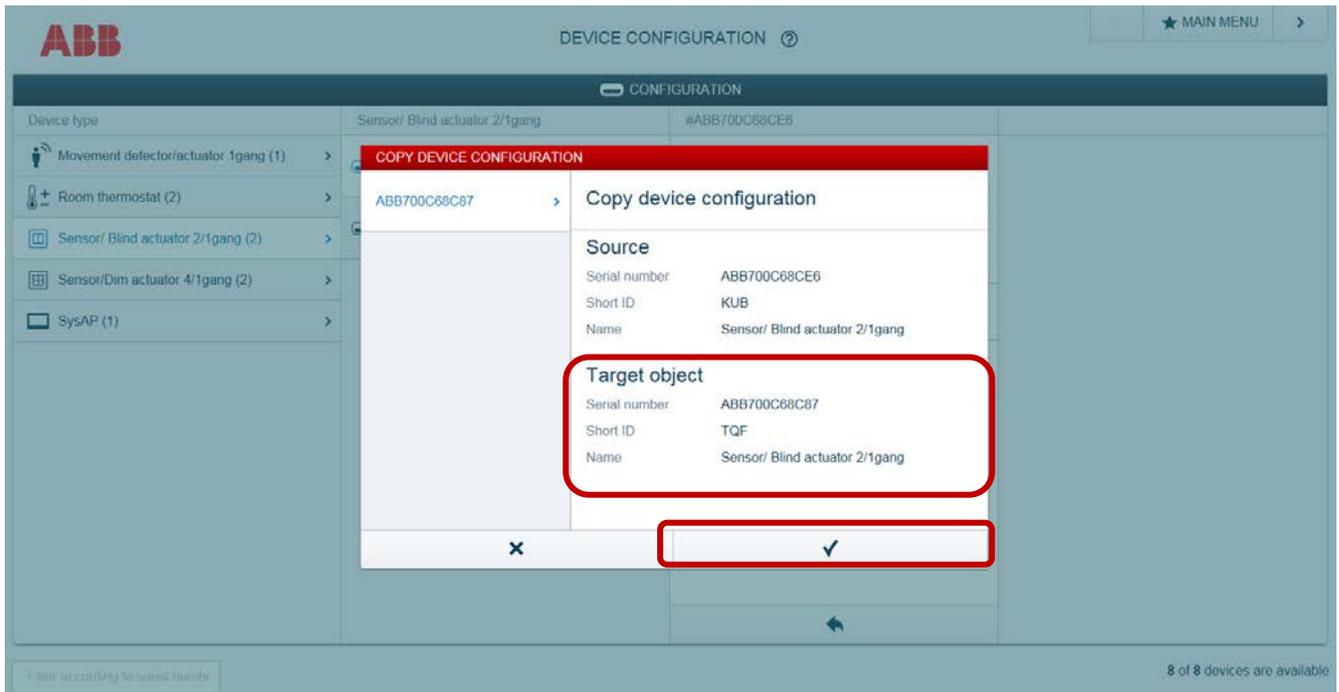
3.5. Click on the device from the previous project and copy the device.

The screenshot shows the ABB Device Configuration interface. At the top, there is the ABB logo and the text 'DEVICE CONFIGURATION'. Below this is a 'CONFIGURATION' header. The main area is divided into three columns: 'Device type', 'Sensor/ Blind actuator 2/1gang', and '#ABB700C68CE6'. The first column lists various device types like 'Movement detector/actuator 1gang (1)', 'Room thermostat (2)', 'Sensor/ Blind actuator 2/1gang (2)', 'Sensor/Dim actuator 4/1gang (2)', and 'SysAP (1)'. The second column shows two instances of 'Sensor/ Blind actuator 2/1gang' with serial numbers #ABB700C68CE6 and #ABB700C68C87. The third column contains a message: 'This device has not responded for a certain period of time and has been marked as 'not available'. Press the delete button to remove the device only from the database of the System Access Point. Use the copy function to copy the device configuration to a different device.' Below the message are two buttons: 'Delete device' and 'Copy device'. The 'Copy device' button is highlighted with a red rectangle. At the bottom left, there is a filter input 'Filter according to serial number'. At the bottom right, it says '8 of 8 devices are available'.

3.6. In the pop-up window, select the according device.

The screenshot shows the same ABB Device Configuration interface as in the previous step. A pop-up window titled 'COPY DEVICE CONFIGURATION' is open in the center. The window has a red header bar. Below the header, there is a list of devices. The first device, 'ABB700C68C87', is selected and highlighted with a red rectangle. To the right of the list, there is a section titled 'Copy device configuration' with a 'Source' section containing the following information: 'Serial number: ABB700C68CE6', 'Short ID: KUB', and 'Name: Sensor/ Blind actuator 2/1gang'. At the bottom of the pop-up window, there are two buttons: a close button (X) and a confirm button (checkmark). The background interface is dimmed. At the bottom left, there is a filter input 'Filter according to serial number'. At the bottom right, it says '8 of 8 devices are available'.

- 3.7. After selecting the correct “old” device, the new physically available device automatically appears as target object. Finish the copy by checking the final confirmation.



- 3.8. Repeat this process for all devices that have been replaced.

- 3.9. After replacing all the devices in the programming, every main menu option is available again. All allocations, links between devices, every configured scene as well as the time profiles or program panel will be automatically copied / available.

References to other documents

- [FAQ Home and Building Automation](#)
- [FAQ free@home](#)
- [Engineering Guide Database](#)