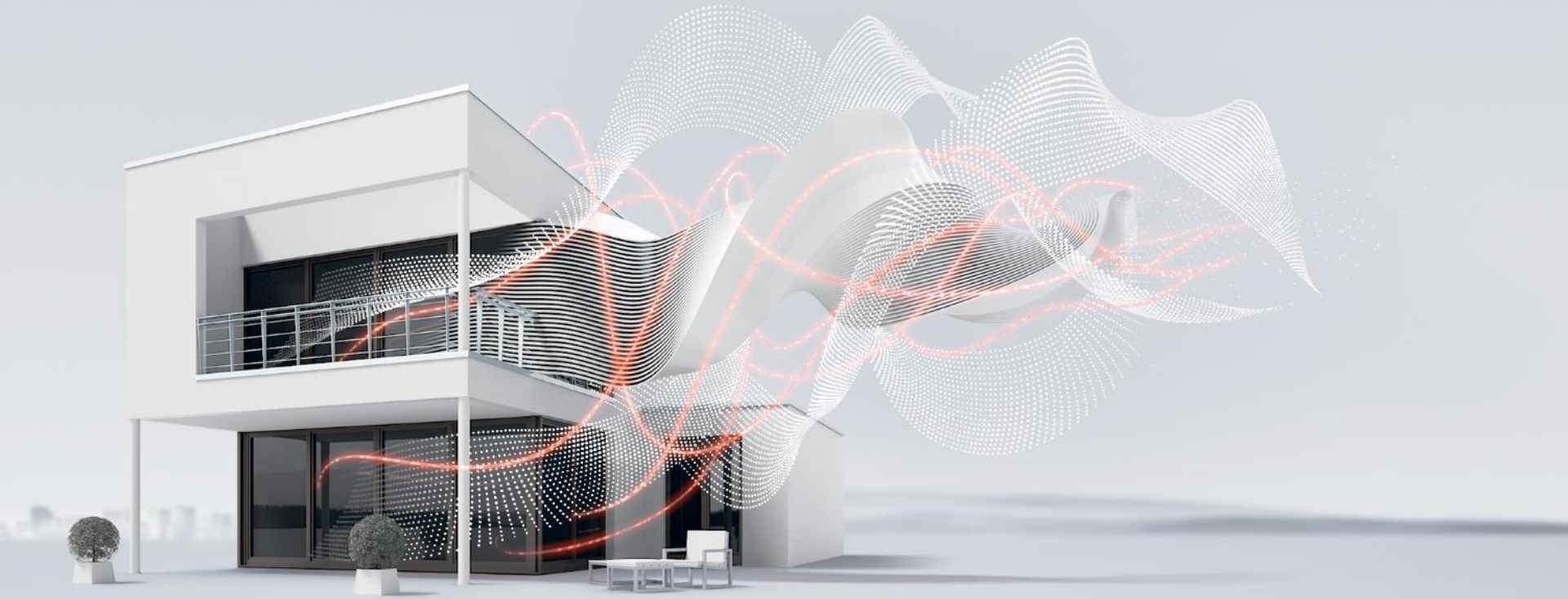


EXTRA SAFETY EVENT, 21ST MAR 2017

ABB-free@home®

Christopher Chow, Product Marketing Manager

ABB-free@home®
Introduction



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Features and highlights



- Blind.
- Light.
- Heating.
- Air-conditioning.
- Door communication.

- Simply smart. ABB-free@home® transforms the house/apartment into an intelligent home.
- Blinds, lights, heating, air conditioning, door communication or scene modes are easy to control via a switch on the wall, with the laptop or with the smartphone.
- Convenience. Comfort. Energy efficient.

- Twisted-pair based bus system for home automation
- Control via wired modules or remote via smart devices
- Complete commissioning over web browser or ABB-free@home® App for Android and iOS.

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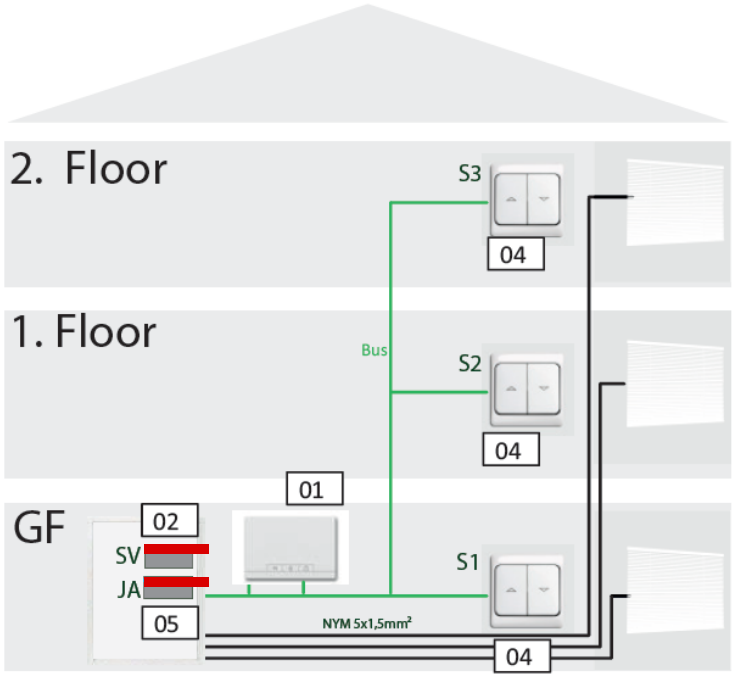
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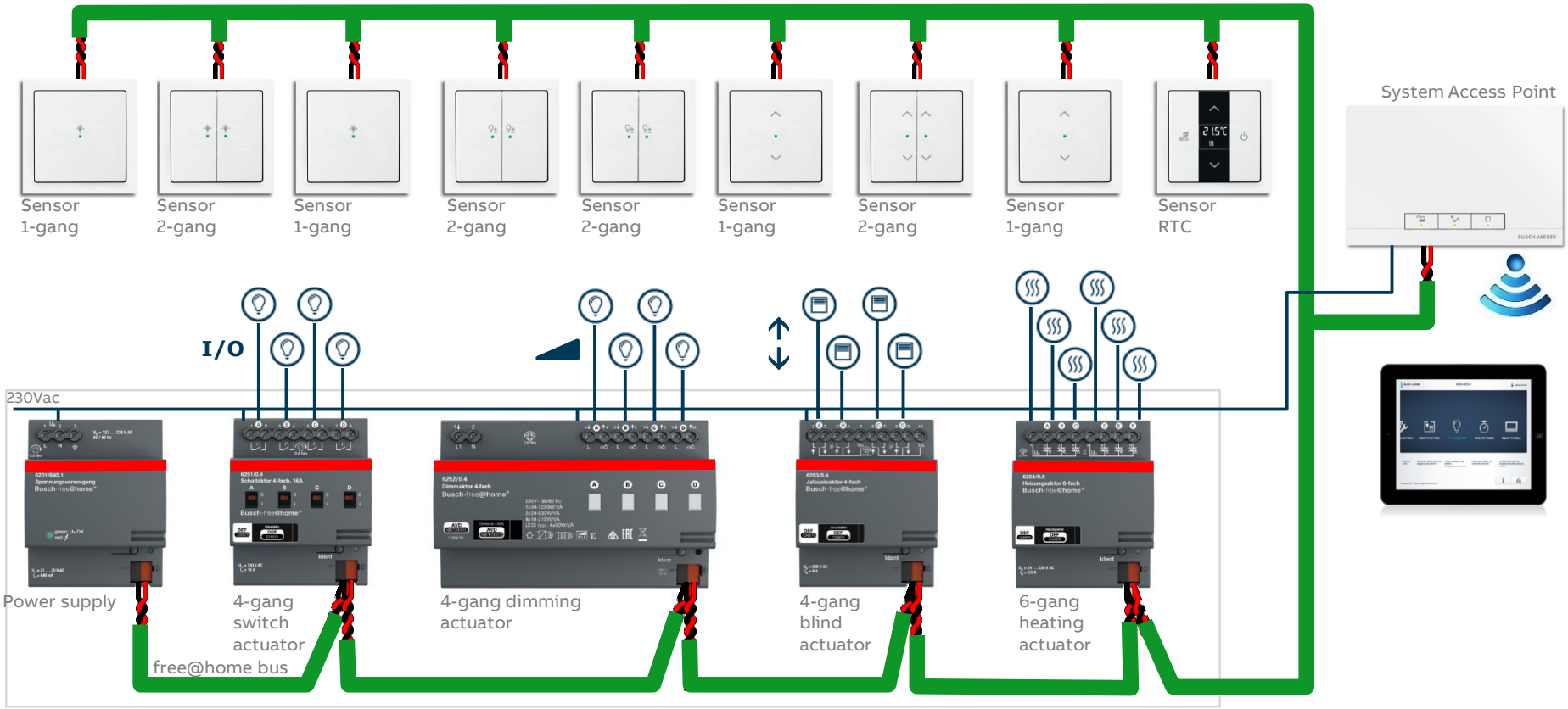
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Centralized installation



- 01 – System Access Point
- 02 – Power Supply
- 04 – Sensor
- 05 - Actuator

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Centralized topology



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System components



SAP-S-1-84 (6200 AP)

System Access Point

- Remote access via app or web
- Commissioning software
- Astro and time controls
- Absence mode
- Access point for commissioning
- Wi-Fi + CAT for home network



PS-M-64.1.1 (6201/640.1)

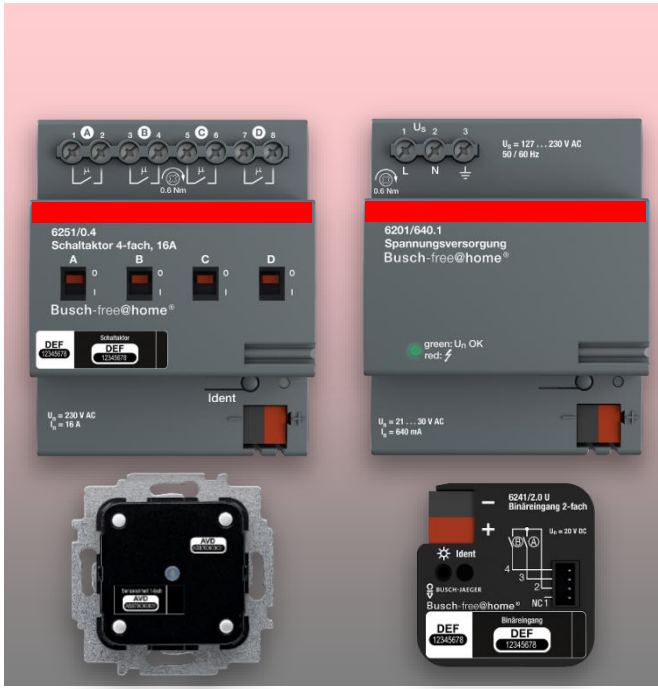
Power supply

- 640 mA
- 127..230 V AC
- LED green/red for operation and failure

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Actuators



Centralized Installation.

A huge assortment of possibilities
allows full flexibility for realization.

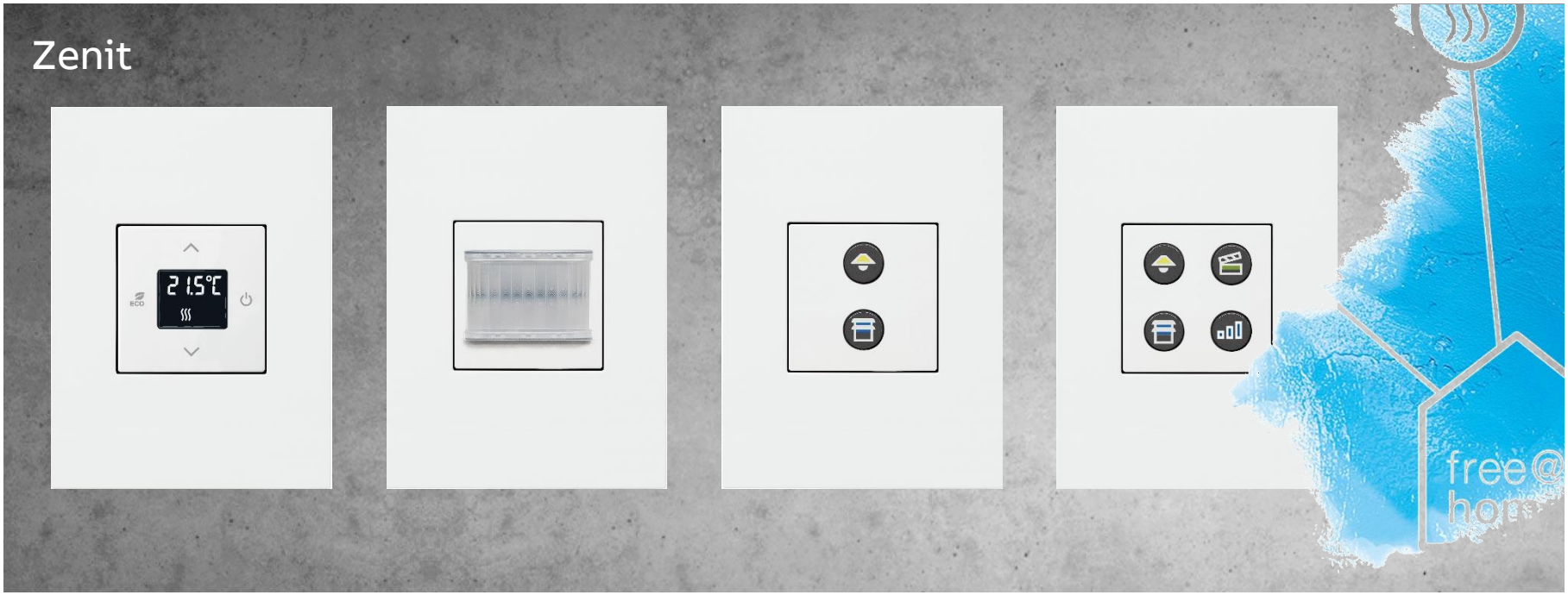


- Actuators for switching, dimming and controlling are available for most applications
- Binary inputs allow the integration of conventional devices into the system (like window contacts)
- Control elements in different designs as push-buttons, RTCs and movement detectors are available

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Sensors



- Room temperature controller
- Movement detector
- 1/2 gang sensor (additional with symbol)
- 2/4 gang sensor (additional with symbols)

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Colours and designs

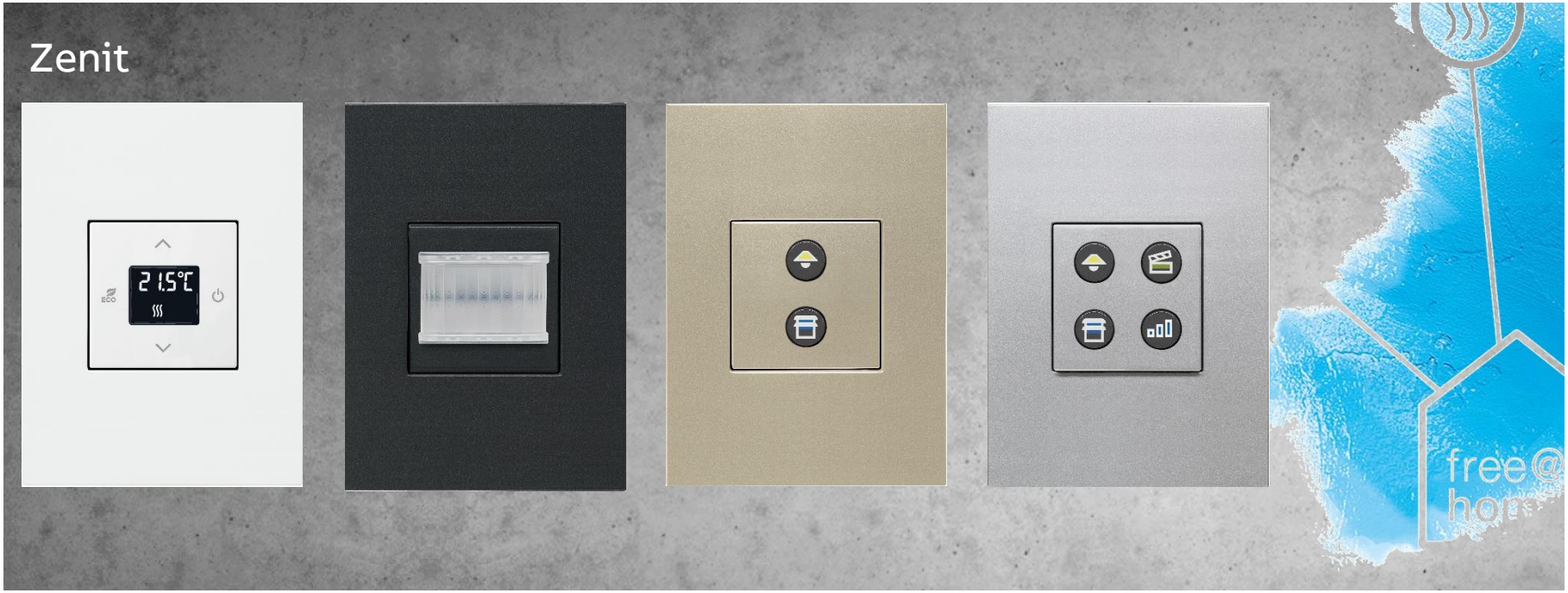


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Colours and designs

Millenium



stainless steel



antique gold



silk black



matt gold

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ABB-free@home® Panel 7“ (Optional)



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ABB-free@home® app



Web interface and control via app.

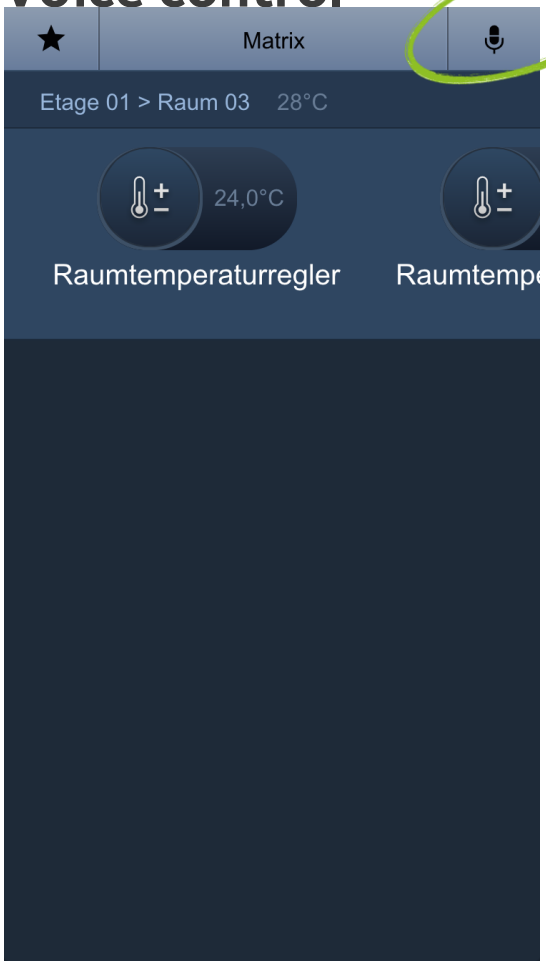
Home automation has never been easier - with the ABB-free@home® app. It can be used to control the entire home with a smartphone or tablet. To make adjustments is as uncomplicated as surfing the Internet. The system can be continuously adapted to changing requirements. To start with, all available devices in the rooms are activated via tablet or laptop. Then the settings can be made. Brighter or darker. Warmer or cooler. Save. Open and close. Earlier or later. Finished.

The functions are very easy to operate via the ABB-free@home® app for smartphone or tablet and via web interface with laptop or PC.

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Voice control



User: „Turn all lights on!“
System: „Okay. All lights are turned on.“

Or

User: „Are any lights still on?“
System: „the following lamps are still on: ‘floor lamp' in the living room and ‘ceiling lamp' in the kitchen. Shall the lights be switched off?“

User: „Yes, please.“
System: „Okay. The lights are turned off.“

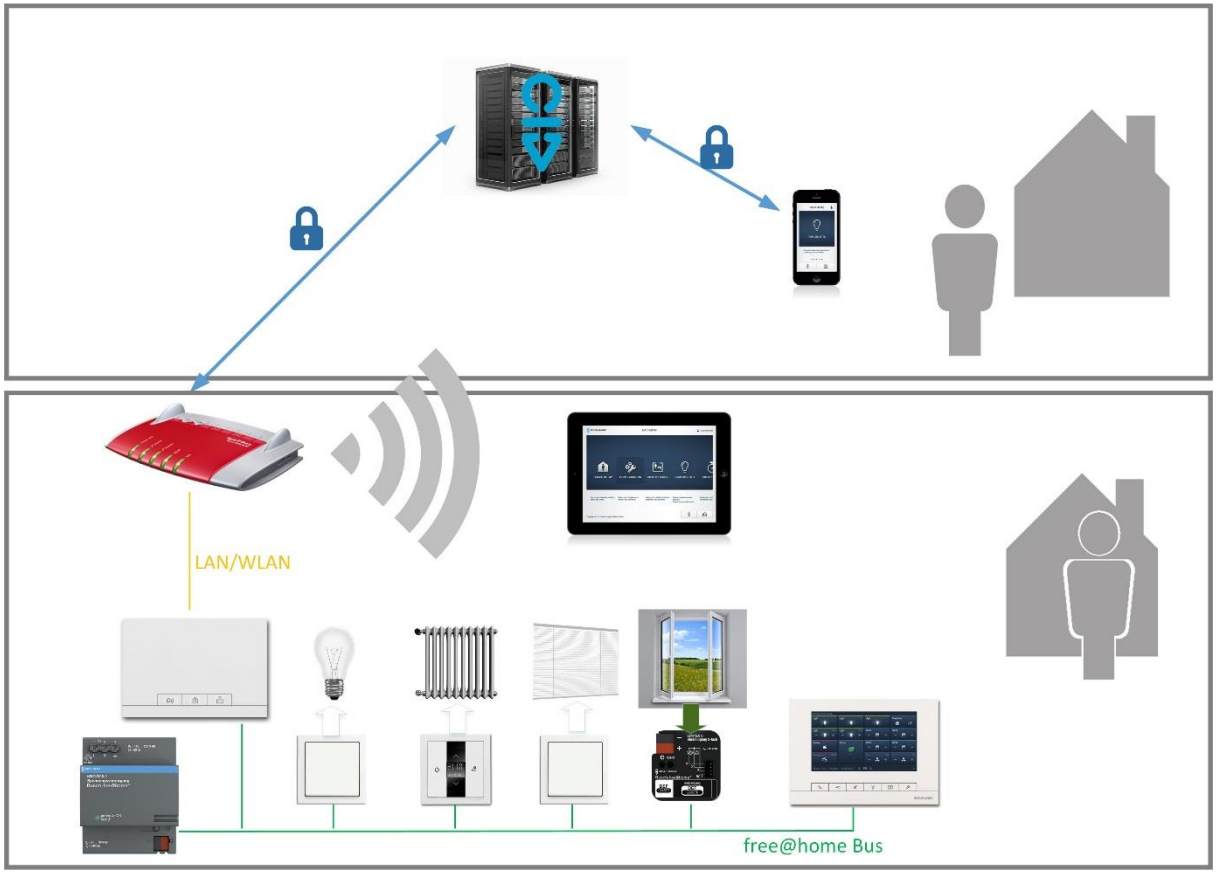
Voice control component of the free@home app (with costs)

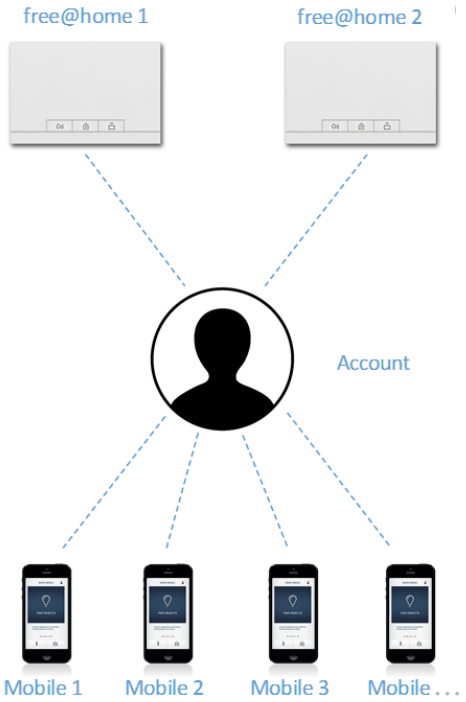
Languages: German, English, Dutch, Spanish, French, Italian

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myABBLiving-Space



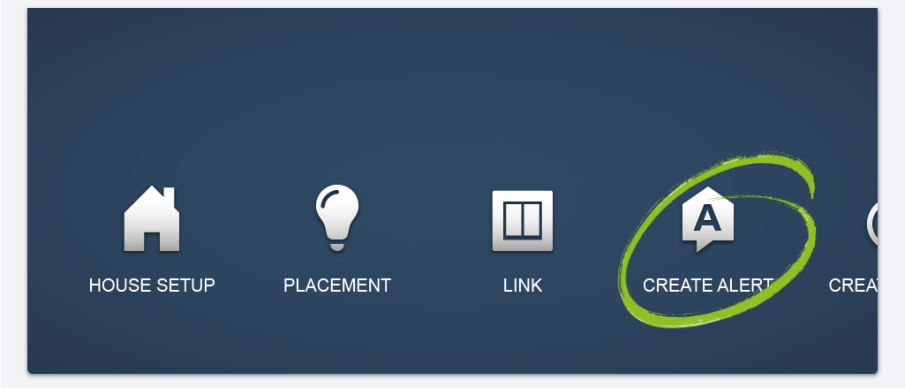


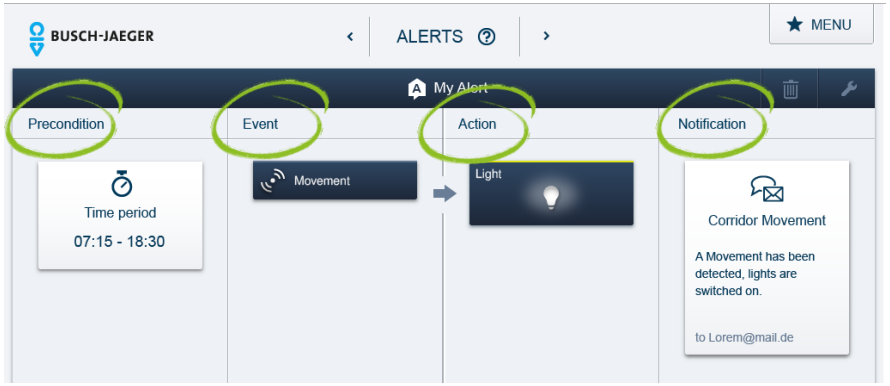
http://my.abb-livingspace.com

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… and “action”!





„Move the blinds to 50% if the room temperature passes 25°C“

Or e.g. an automatic notification if a movement detector triggers:

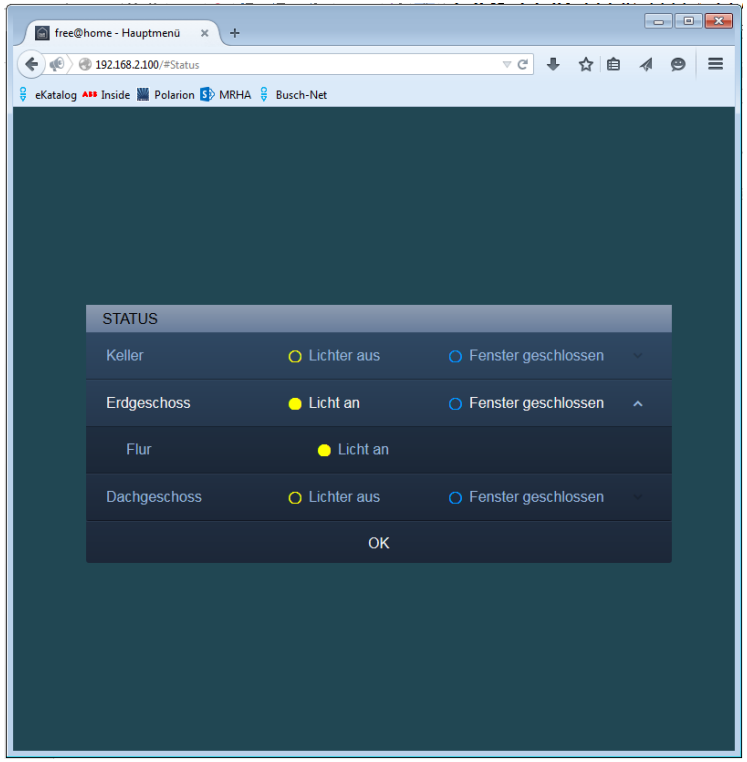
„Send an e-mail if movement detector is triggered“ *

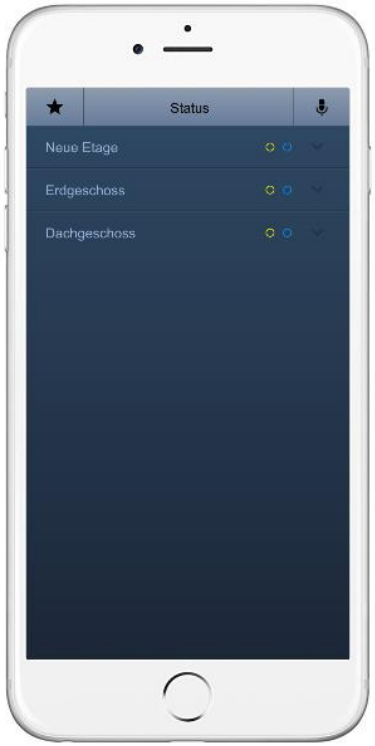
*) Requirement is log on to my.ABB-LivingSpace account

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Window and actuator status





The status of the window contacts and the switch actuators can be displayed on the graphical user interface.

In conjunction with the my.ABB-LivingSpace account the status can also be quickly requested remotely to control if all windows are closed and all light are off.

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Activating time profiles

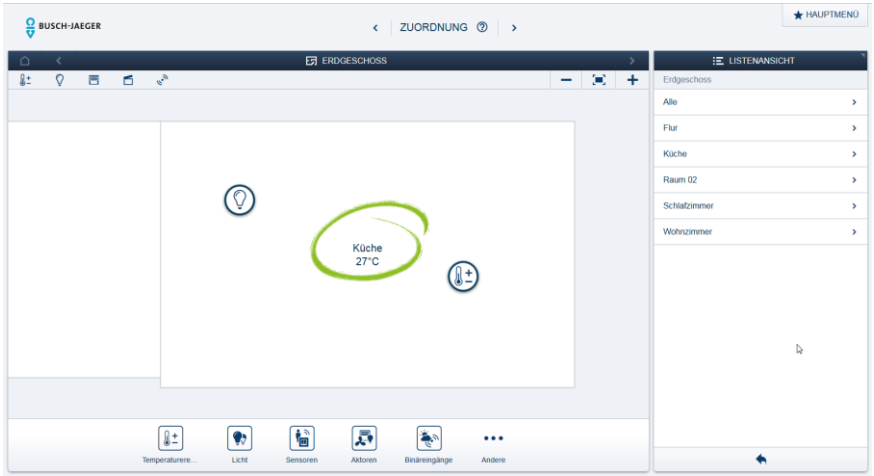


Time profiles can be now activated/deactivated over the app.

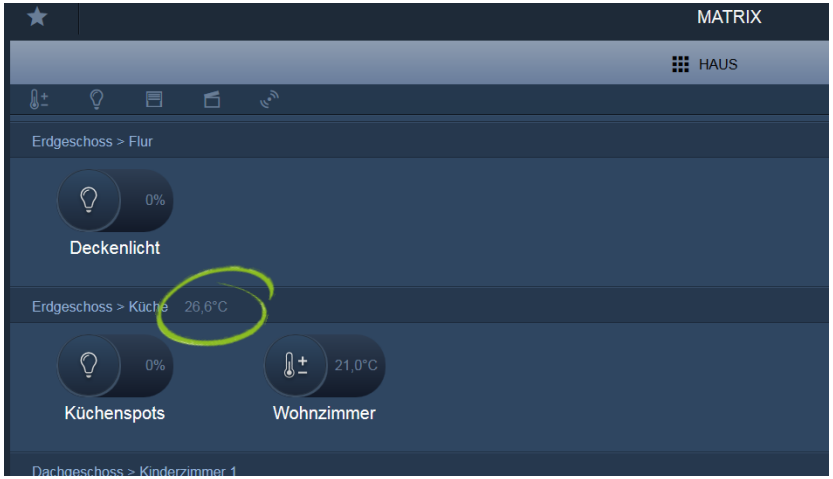
In conjunction with the my.ABB-LivingSpace account the presence simulation can be now activated remotely or the timed automatic room temperature control can be switched off.

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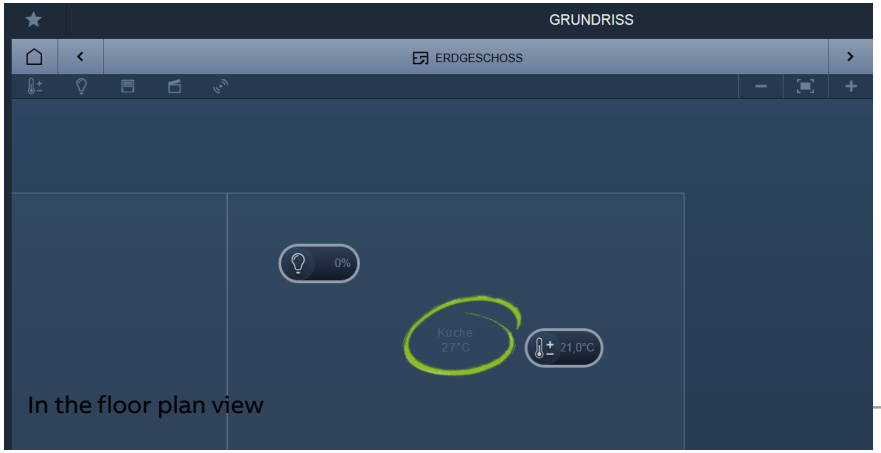
Display the actual temperature of the RTC



In the graphical user interface



In the matrix view



In the floor plan view

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Video - https://www.youtube.com/watch?v=3quM0uyTv20



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Target groups



- ☑ For new constructions and/or structural renovations
- ☑ For single-/multifamily houses and buildings
- ☑ For small commercial offices
- ☑ For high rise buildings / apartments









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