

myHomeControl®

extends your EnOcean by a new dimension

myHomeControl is a home automation system with build in visualisation and control capabilities designed for the use of EnOcean based devices.

Boot Up



enocean®

myHomeControl® at a glance

myHomeControl® integrates building automation visualization and control tasks into one system.

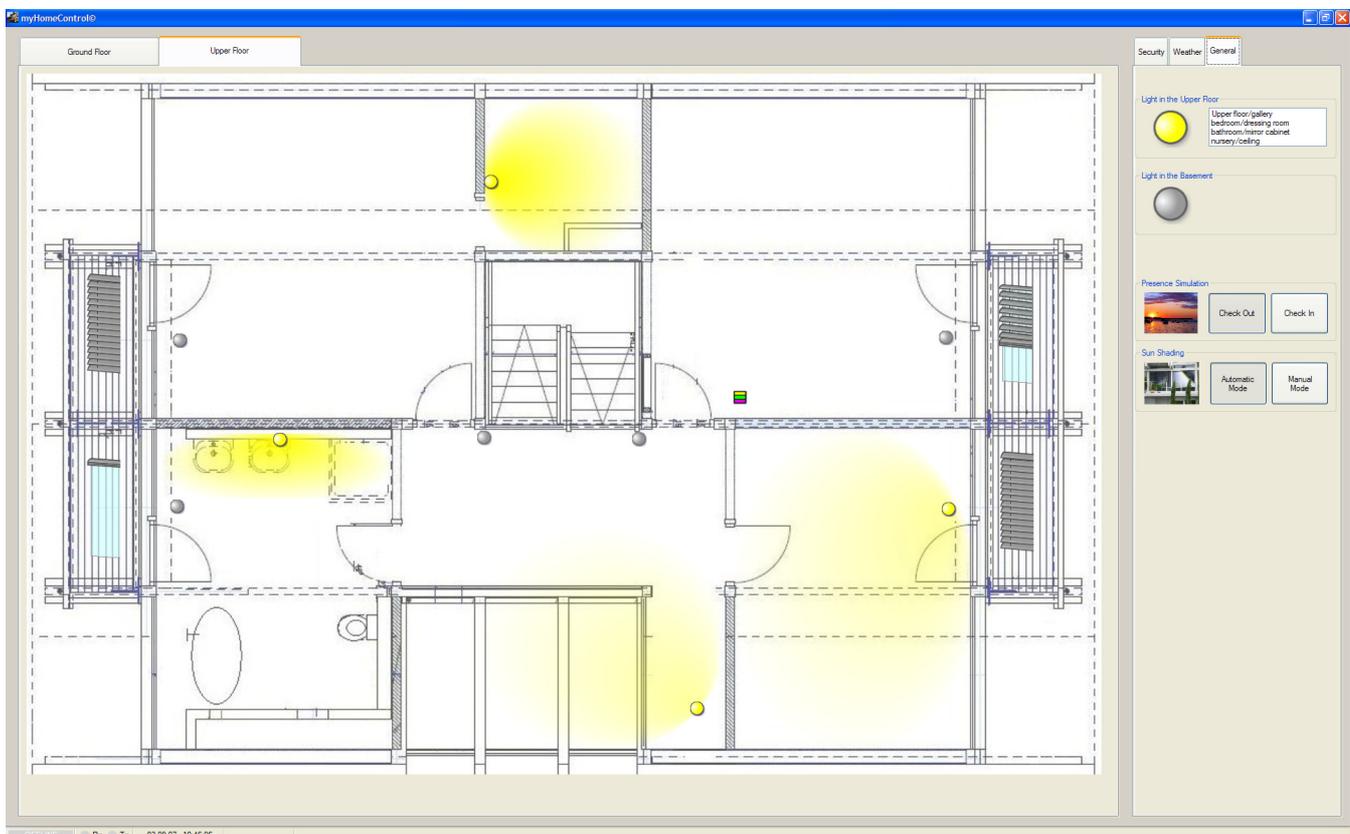
User operation, indication, visualization, system functions and control tasks are fully integrated. The application may be free defined and is not restricted. No programming skills are needed, the application is defined with graphical symbols. Modifications may be done by the „local – electrician“.

The features:

- Customer specific user interface
- Attractive, predefined visualization objects
- Real time status indication
- View of the floors
- Support of different user groups
- Simple touch screen operation
- Intuitive graphical programming
- The application is built with ready-made functions
- Library of building control functions
- Product library supporting EnOcean devices from various manufacturers
- Generic interface supporting the EnOcean communication profiles
- Functions for improving the energy efficiency
- Modifications can be loaded during operation
- All drag & drop and out of the box

Control and Visualization

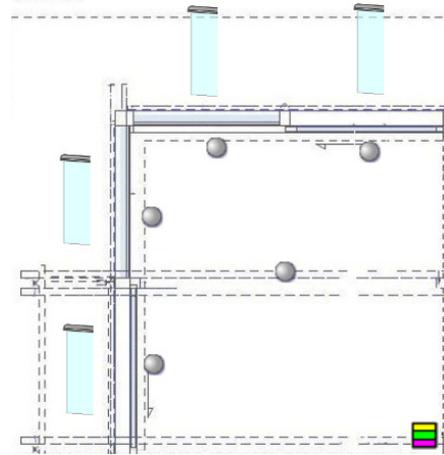
myHomeControl® shows the actual states in clear pictures and offers a simple touch screen operation. Each floor is shown in the floor plan view with live status indication and the allocated operation elements. The input and output functions are presented with ready-made visualization objects. The presentation mode is protected, so the user can't damage the application data.



A fingertip switches between the floor plan tab-folders. The overriding operation panel is located in tab-folders on the outer right screen side. A fingertip on the object in question opens up the user dialog.

Samples of the Visualization Elements:

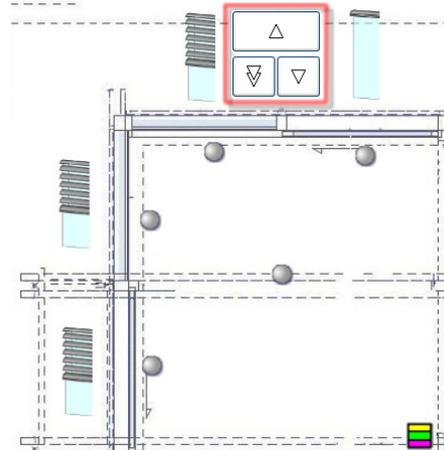
- All lamps are OFF.
- The rolling shutter / sunblind is OPEN.



- All lamps are OFF.
- The rolling shutter / sunblind is CLOSED.



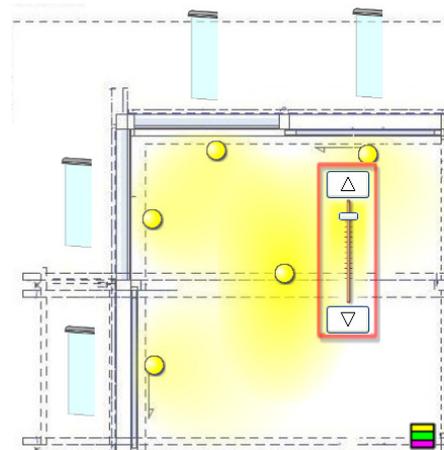
The control element of the sunblind is shown.



- All lamps are ON.
- The sunblind is OPEN.

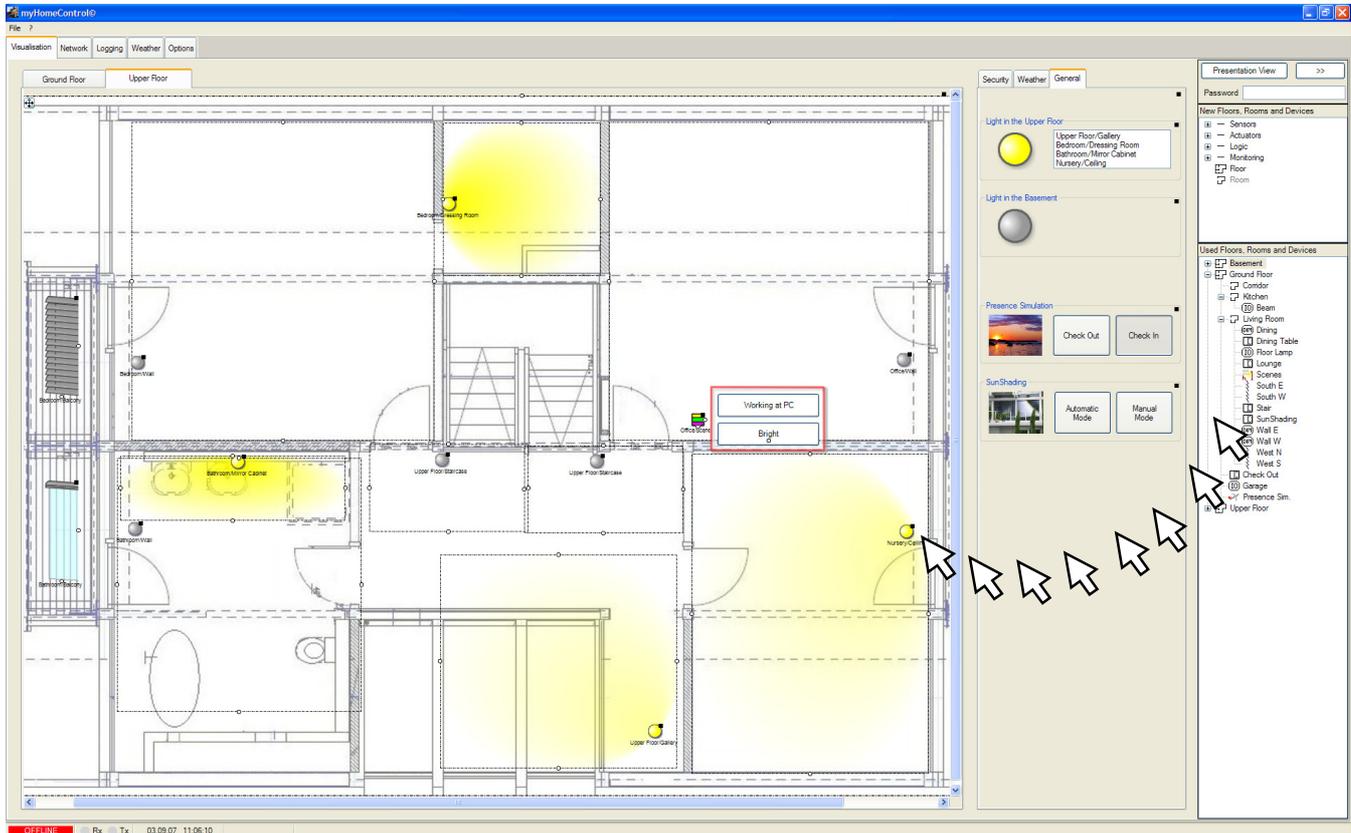


The control element of the dimmer is shown.



The Visualization Editor

myHomeControl® itself contains an integrated visualisation editor. While programming the application the user can develop visualisation masks and control functions in one go. The **myHomeControl**® visualisation does not require a tag list and can directly access the controller variables. All information entered is stored to the database and may be utilised by the network without having to be modified. Modifications are instantly running on the controller.



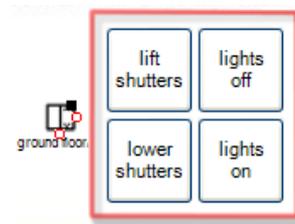
The ready-made visualisation objects are placed on the floor plan or in the overriding operation panel using drag and drop. The default size may be adapted according to the given layout. The properties of visualisation objects will change their appearance.

Visualization objects examples:



Lighting

The object frame defines the illuminated area and may be adapted to the given layout.



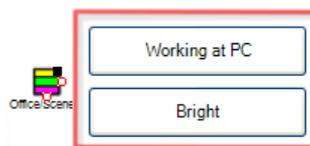
Switch

The pushbutton may be named.



Rolling shutter/Sun blind

The size of the sunblind may be adapted to the given layout.



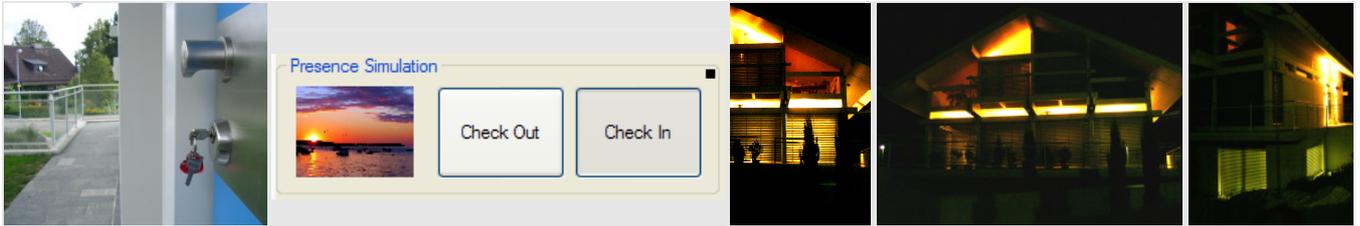
Scenes

The pushbutton may be named.

Application Examples

Presence Simulation

myHomeControl[®] closes the rolling shutters / sun blinds when it gets dark, is turning the light on and off in different rooms and the next morning the blinds are opened as usual. With this function in use, the house really will look “lived in” when you are away.



Sun blinds

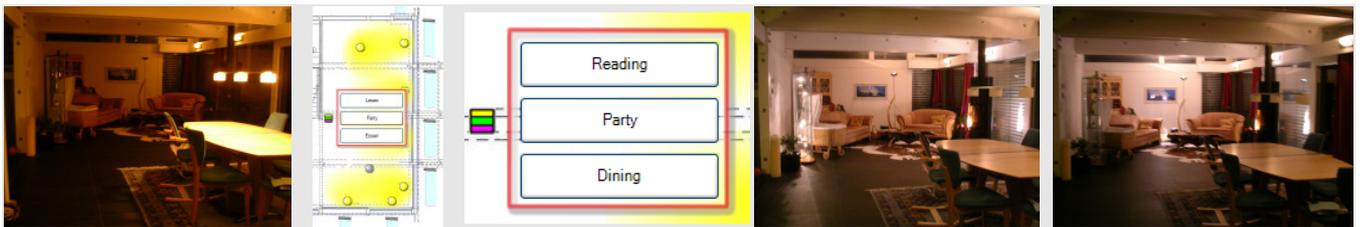
myHomeControl[®] manages the position of the sun shading equipment according to the weather conditions and the actual altitude of the sun. The altitude of the sun is calculated based on the geographical coordinates, daytime and date.



Scenes / Light control

myHomeControl[®] switches or dims individual lights or groups of lights automatically. By sending switch commands based on the time of day, whether the house is in use or empty, or some external event (e.g. Intruder Alarm triggered).

myHomeControl[®] operates as a scene-setting light control system. Scenes may be stored and recalled by a fingertip. The scenes include light control and sun blinds management. The number of scenes and the number of scene players is not limited.



Security / Monitoring

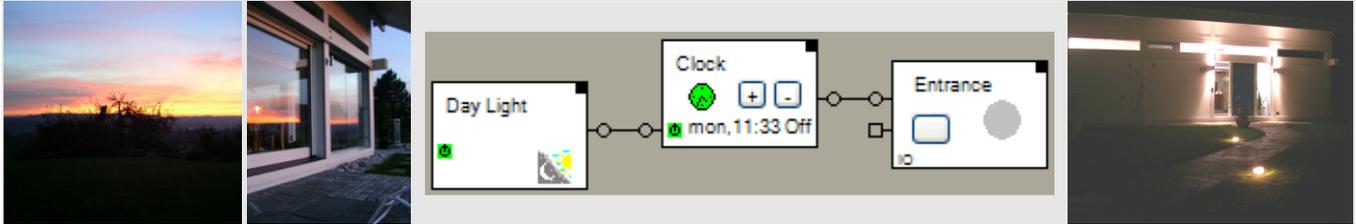
myHomeControl[®] monitors the doors, windows and lights. Before leaving the house, one is able at one glance to check which window is open and where is the light still switched on.



Application Examples

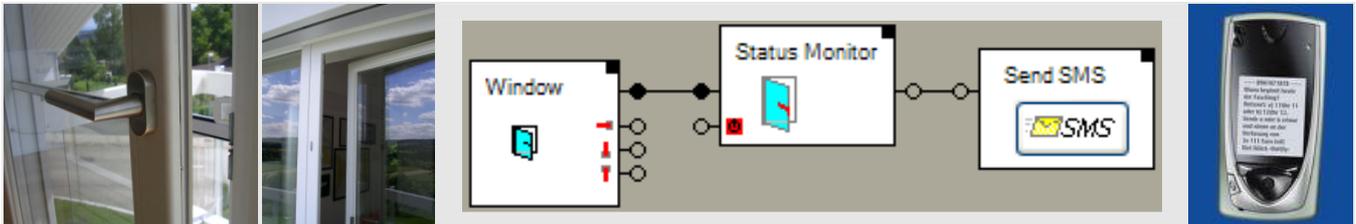
Daylight

myHomeControl[®] includes a daylight switch that knows the sunrise time and the sunset time. The calculation is based on date, time and the altitude of the sun. The geographical coordinates have to be given as parameters. This function may replace a physical daylight switch.



Alarming

myHomeControl[®] may send out alarms using e-mail, SMS or phone calls. The alarm condition may be formed as desired e.g. if in case of absence a window is opened.



Internet Remote Control

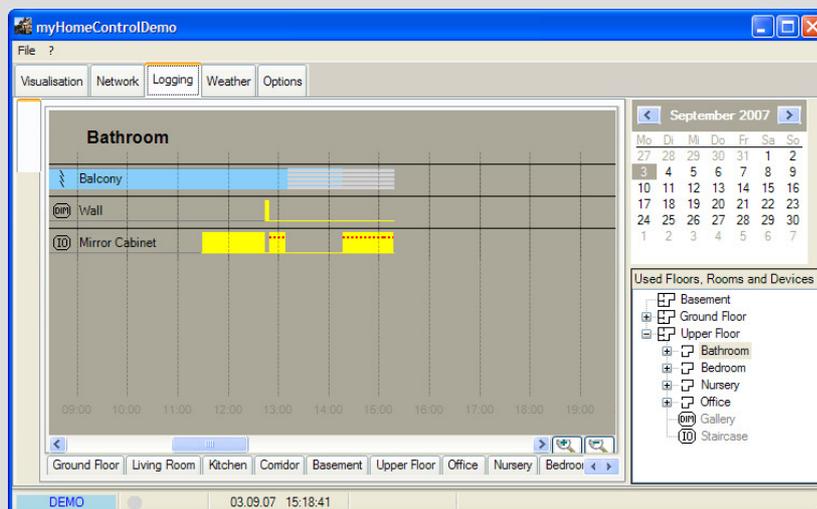
myHomeControl[®] may be controlled by using the internet.

Weather Stations

myHomeControl[®] is capable to communicate with weather stations. The collected weather data are made available to the functions. So weather dependent conditions may be formed.

Data Logging

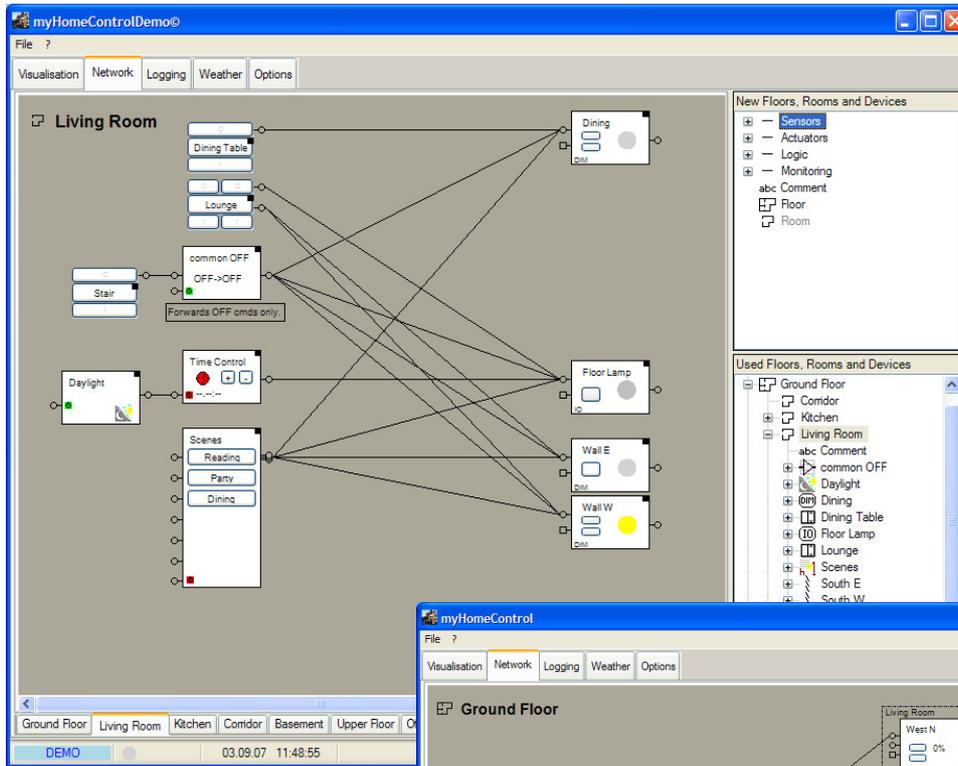
myHomeControl[®] collects, records and logs all switching actions into a SQL-database. The logged record may be later used for data retrieval.



Network Editor

myHomeControl[®] user applications are formed with the help of networks. Networks are organized in floor levels and rooms. Building the network is done in steps. The sensors, functions and actuators are inserted and linked to the floor / room. The connections between sensors, functions and actuators are defined. Finally the functions have to be configured.

The functions are ready-made so there is no need of programming. The network view is used for testing and simulation of the application. The teaching-in of EnOcean and actuators is also done in the network view.

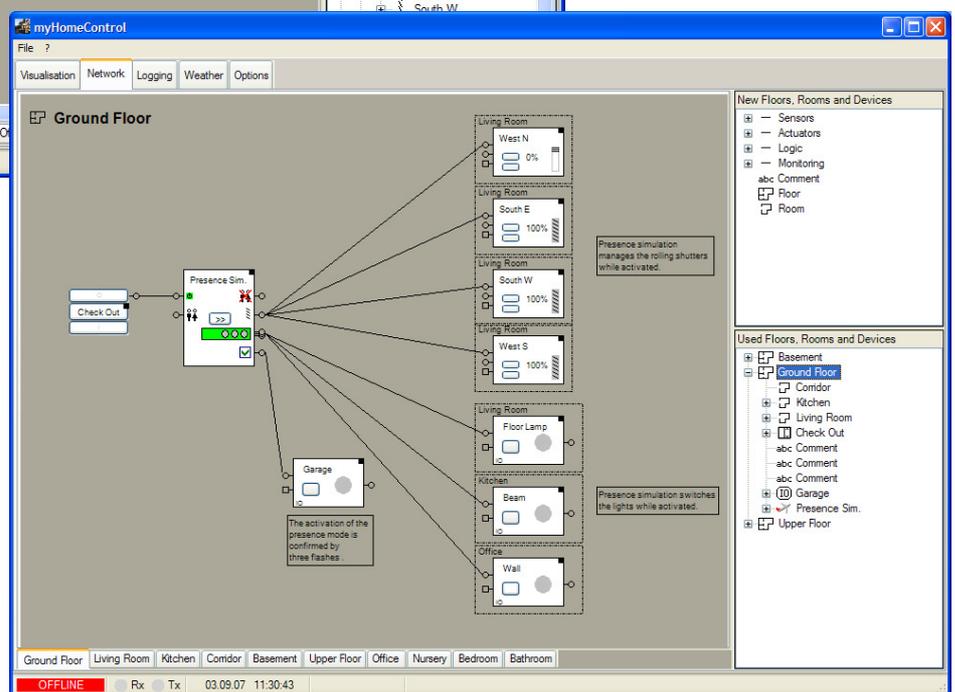


Light control

- Light switches
- All OFF function
- Light Sensor; the stand lamp is switched on when it gets dark.
- Timer switch; at 22:30 is the stand lamp switched OFF.
- Scenes are controlling the stand lamp and the spotlights.

Presence Simulation

- ON / OFF switch
- Activation indication
- Actuators sun blinds
In the evening the sun blinds are closed and in the morning they are opened.
- Actuators lamps
In the evening the connected lamps are randomly switched on and off.



myHomeControl[®] smart links are connecting sensors, actuators and functions as desired. Connections may be changed by mouse clicks, the physical actuators have not to be touched or dismantled.

myHomeControl[®] Logic functions: Presence simulation, sun shading, monitoring and supervision, scenes, timer clock, daylight, watering, smart functions, step-on step-off switch relay, SMS, eMail, ..

The **myHomeControl**[®] software is protected by copyright. Installing or use of the software has to be licensed. The use of the evaluation version of the software (some functions are restricted) is for free. The license agreement terms and conditions have to be accepted.

Supported devices

myHomeControl[®] supports EnOcean based devices from a wide range of manufacturers.

Sensors: PTM switch, window catch, door handle, weather station, STM100 based sensors for wind, illumination, temperature, humidity and more.

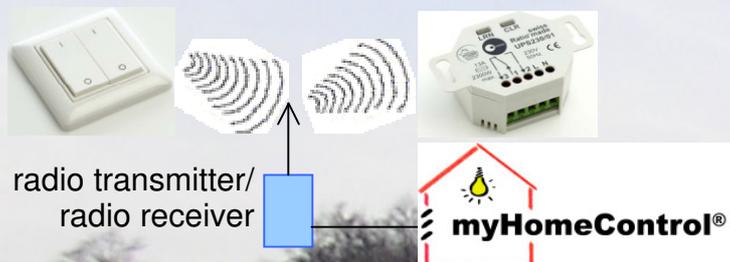
Actuators: Switch, dimmer, sun blinds, room temperature controllers and more.

Principle of operation

myHomeControl[®] communicates with the EnOcean devices using a radio transmitter and receiver connected to the PC.

TCP/IP-, RS232-, RS485- und USB-Gateways are supported.

myHomeControl[®] software runs on a Windows PC. For different application areas are adapted Software-Edition available.



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