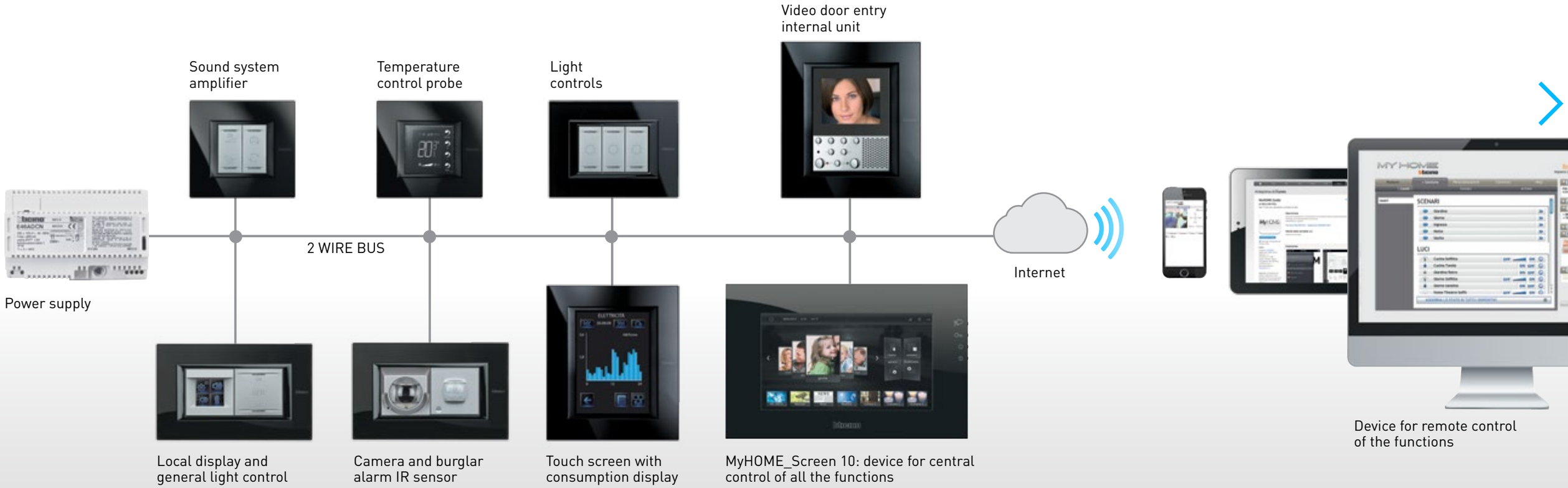
MyHOME automation

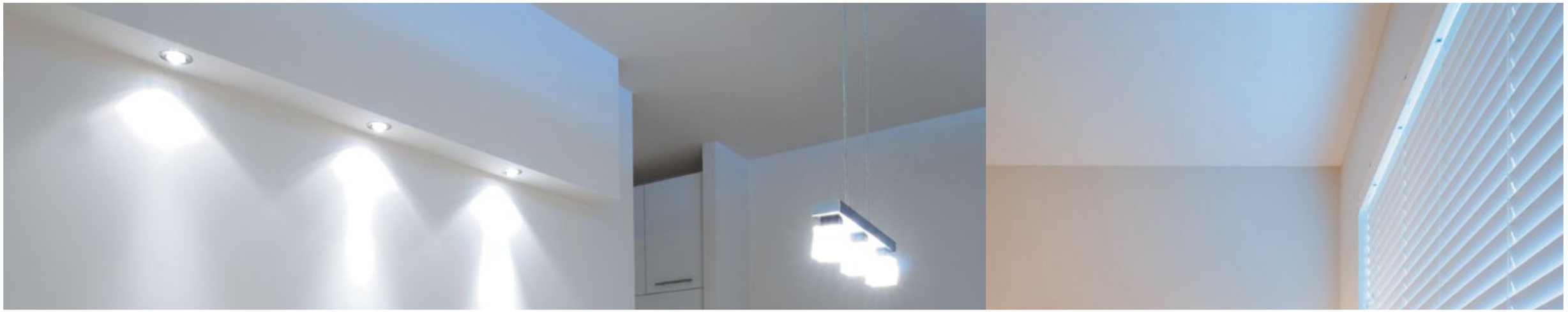
Integrated solutions for comfort, energy efficiency, safety, video door entry, and control

bticino

MyHOME AUTOMATION

Thanks to a wide range of devices, MyHOME offers simple and efficient solutions to meet the safety, comfort, energy and communication needs of any private home and service sector establishment.
Thanks to intelligent and programmable electronic devices, MyHOME makes it possible to access, in a simple and personalised way, advanced functions that would be difficult in a traditional electric system.
In addition, its installation modularity and the functional integration of the various devices offer freedom to decide which applications to install immediately, and which in the future, without the need for important structural updates, and with highly effective cost management.
MyHOME takes advantage of two installation technologies: BUS with twisted pair, and radio ZigBee, it **can also be integrated with other systems, such as KNX and DALI.**
Using the appropriate interface, and the TCP/IP protocol, MyHOME is capable of managing and supervising the home also remotely, using a fixed telephone line, a mobile phone, or an internet connection.





COMFORT

LIGHT AUTOMATION

- light intensity adjustment,
- switching on and off of lights, individually, by groups or general,
- management of LEDs, dimmer compact fluorescent lamps (CFL), energy saving halogen lamps, electronic transformers, and 0-10 ballasts.

MANAGEMENT OF AUTOMATISMS

- control of curtains and shutters, individually, by groups or general,
- recall of a preset position,
- control of watering systems and other systems with maximum flexibility and ease.

General rolling shutter control

SOUND SYSTEM

- HI-FI stereo sound available in every room,
- broadcasting of one or more sound sources at the same time, including integrated FM radio, Hi-Fi system or mp3 files.

SCENARIO MANAGEMENT

- manual or automatic activation, based on events or conditions, of lights, motorised shutters, sound system and ideal room temperature.

Local display control

SAFETY

BURGLAR ALARM PROTECTION

- perimeter and volumetric protection of the rooms of the house, for the detection of intrusions,
- forwarding of assistance request messages,
- division of the home into zones (max. 99), for independent control.

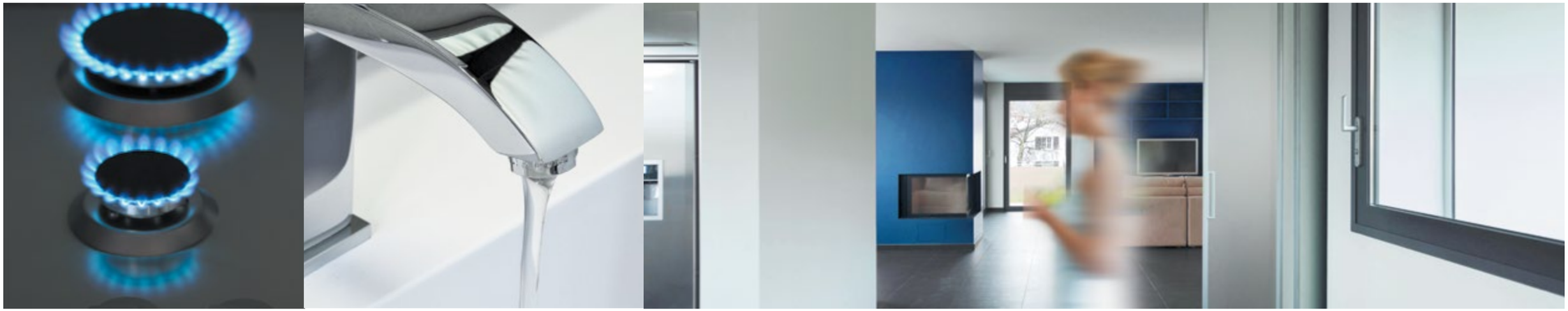
TECHNICAL ALARMS

- automatic shutting of the gas and/or water pipes in case of gas leak or flooding,
- remote assistance function for old and disabled people,
- "Salvavita" tripping notification, and possibility of reset with telephone commands.

Flush mounted central unit

IR+ MW sensor

MyHOME FUNCTIONS



ENERGY MANAGEMENT

TEMPERATURE CONTROL AND AIR CONDITIONING

- temperature control by zones (max. 99),
- management of radiator and fan-coil systems with ON-OFF valves and 0-10V proportional,
- splitter management.

CONSUMPTION MANAGEMENT

- instantaneous display of water, gas, and electricity consumptions,
- quantitative calculation and evaluation of the financial costs.

LOAD MANAGEMENT

- management of the power absorbed by household appliances, to avoid the tripping of the load management switch.

MyHOME_Screen 3.5: chart showing the consumption of electricity in one day

Watch the video ›

AUDIO VIDEO COMMUNICATION

VIDEO DOOR ENTRY SYSTEM

- management of video door entry system calls.

VIDEO SURVEILLANCE SYSTEM

- camera access control,
- integration with the burglar alarm system, for activation of cameras in case of intrusion.

Axolute video display internal unit

CENTRAL FUNCTION CONTROL

LOCAL CONTROL

- use of Touch Screen device,
- use of mobile devices (iPad and iPhone) with appropriate MyHOME App.

REMOTE CONTROL

- management of home automation functions through telephone commands or through direct internet connection to the system,
- MyHOME Web service, for management through customised web pages.

Find out more ›

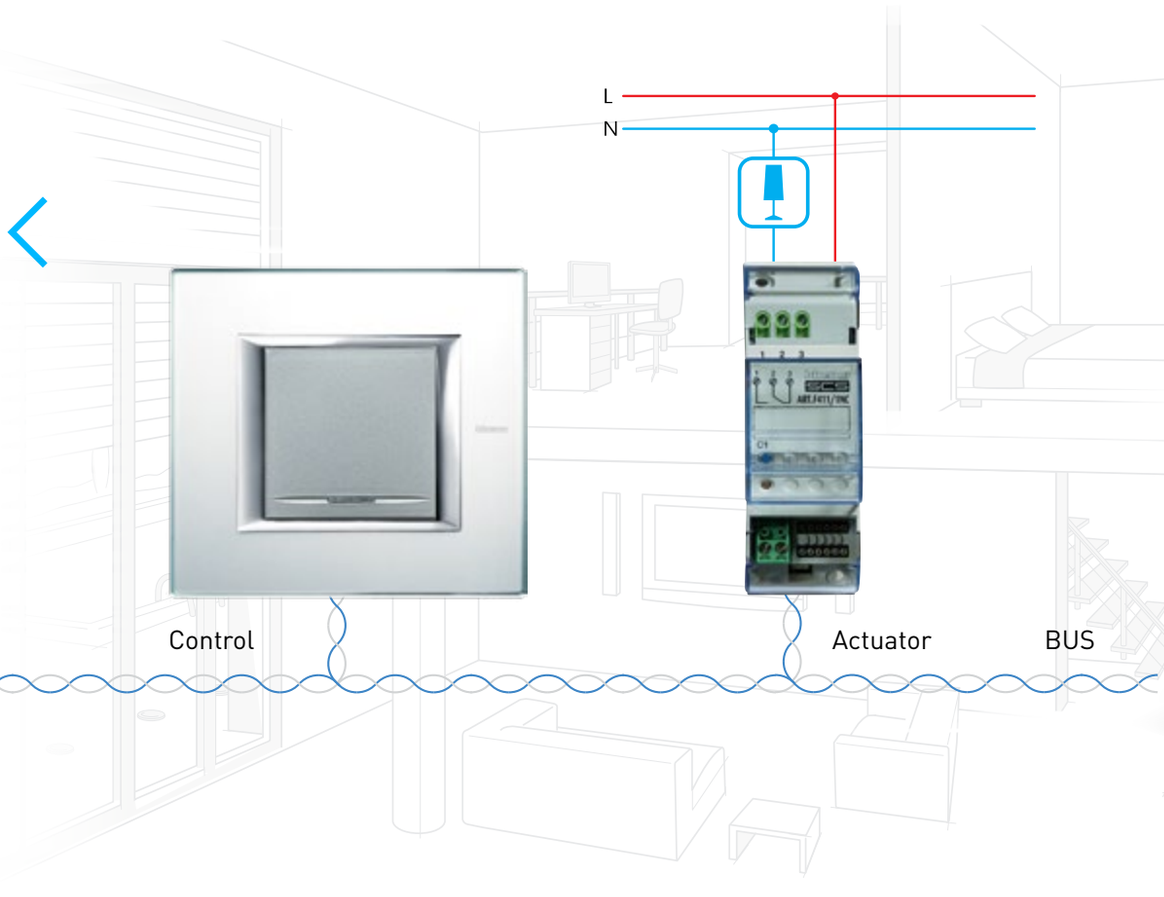
MyHOME_Screen 10 Touch Screen for the local management of all the functions

BUS technology

FEATURES

The BUS technology is based on the use of devices connected to each other using a 2 conductor cable (BUS), for carrying information and the low voltage power supply (27 Vdc).
Thanks to appropriate interfaces, MyHOME BUS systems can be easily integrated with BUS systems with different communication protocols, like Konnex and Dalì standard etc. and extended using radio ZigBee control devices.

TYPE OF DEVICES



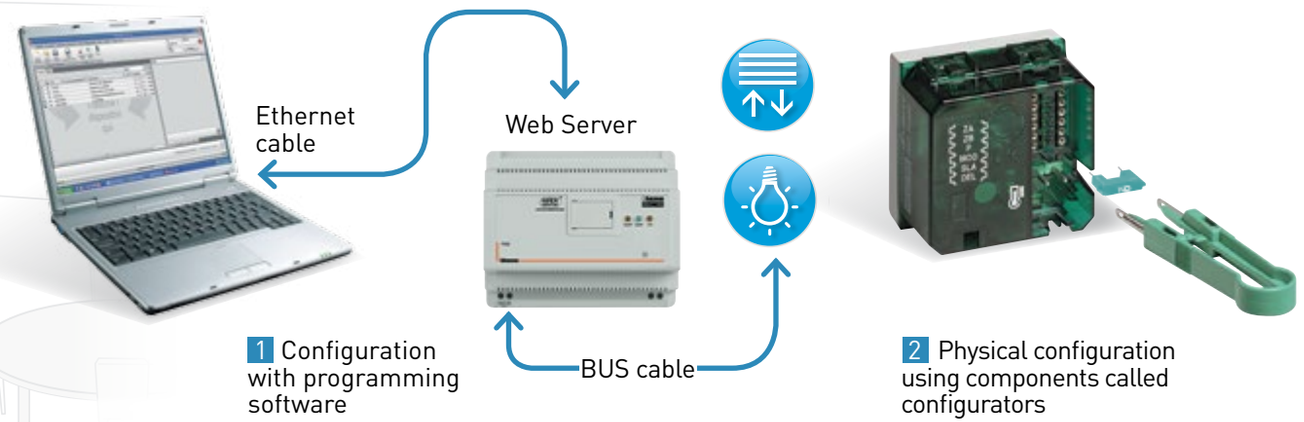
FUNCTIONS

- Lighting
- Rolling shutter automation
- Scenario management
- Burglar alarm
- Technical alarm (gas leaks and/or flooding)
- Sound system
- Temperature control
- Load management and consumption display
- Video door entry system
- Home structured cabling
- Local and remote control of one or more integrated functions

WHEN SHOULD IT BE USED

When there is the possibility of installing a new system, or refurbishing a new one with BUS wiring

DEVICE CONFIGURATION



1 Configuration with programming software

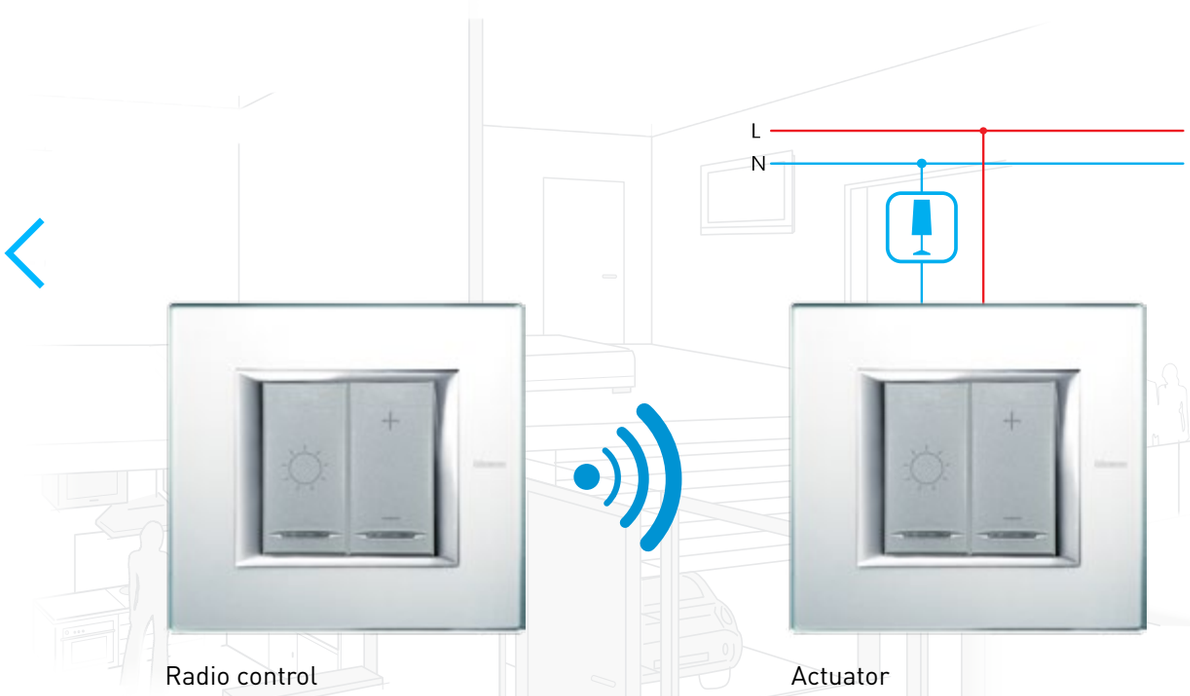
2 Physical configuration using components called configurators

Radio ZigBee® Technology

FEATURES

Radio ZigBee technology is based on the use of battery operated control devices and mains operated actuator devices connected to the load to control, communicating via a radio signal at a frequency of 2.4 GHz. Thanks to these features, it is possible to install very easily new electric systems, or to modify existing systems with reduced wiring and minimum wall disruption.
Thanks to a specific interface, ZigBee radio control devices can be integrated with a BUS technology system (more precisely the Automation system).

TYPE OF DEVICES



Watch the video ›

FUNCTIONS

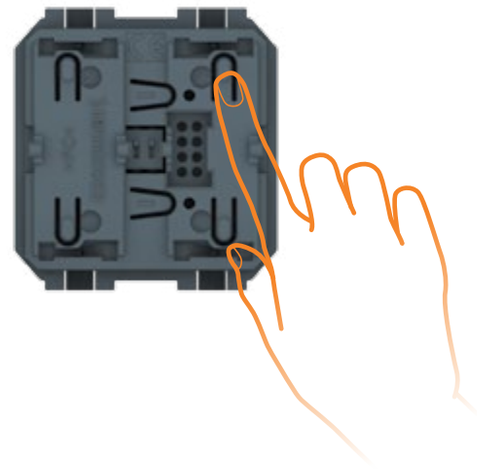
- Lighting
- Rolling shutter automation
- Scenario management
- Technical alarm (gas leaks and/or flooding)

WHEN SHOULD IT BE USED

When it is not possible to extend/modify a system with BUS wiring

DEVICE CONFIGURATION

Self-learning (Push and Learn) mode, without using tools and software

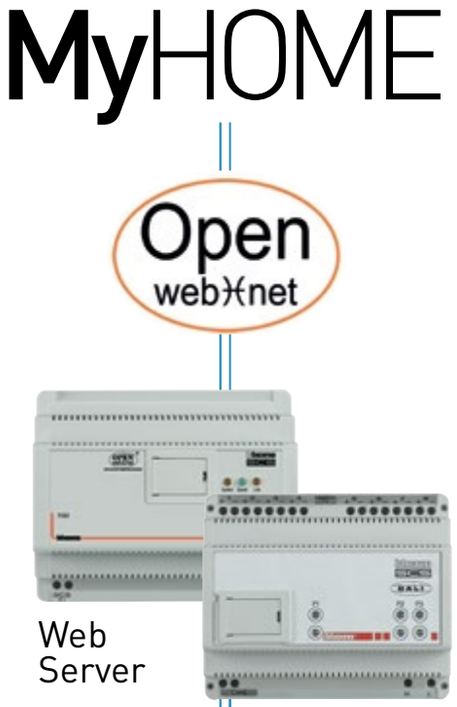


ZigBee® Alliance Legrand is a member of the Executive Board

MyHOME : AN OPEN SYSTEM

MyHOME is an open system that provides integration and communication also with systems and devices of other applications; this is achieved in two modes, with the use of:

- a communication protocol called OpenWeb Net (Open Protocol for Electrical Network);
- devices for interfacing with the outside world through communication protocols like Konnex, Bacnet, DALI and TCP/IP, the last one being recognised today as universal language.



THE OPEN WEB NET LANGUAGE

(OPEN PROTOCOL FOR ELECTRICAL NETWORK)

Open Web Net is a language available in "public domain" form, developed to enable those having a high level information technology language knowledge to set innovative functions exchanging data and commands between a remote unit and the system.
The language provides an abstract level of communication that enables the professional of the sector (System Integrator, etc.) to remotely control the MyHOME system using devices such as PCs, Smartphones, Tablets, or to set up advanced applications, resulting from the integration of MyHOME with devices and home appliances of other brands, without worrying about the installation details and without knowledge of the SCS BUS technology.
Open Web Net is independent from the mean of communication used, and has been conceived taking into account, as minimum requirement for transmission, the possibility of using DTMF tones on the standard PSTN telephone line.


Telephone system


Home Theatre


Media Center


Customised HW and SW development

Open web net


Intelligent home appliances


Wireless applications


Customised web applications


Home automation

MY OPEN COMMUNITY

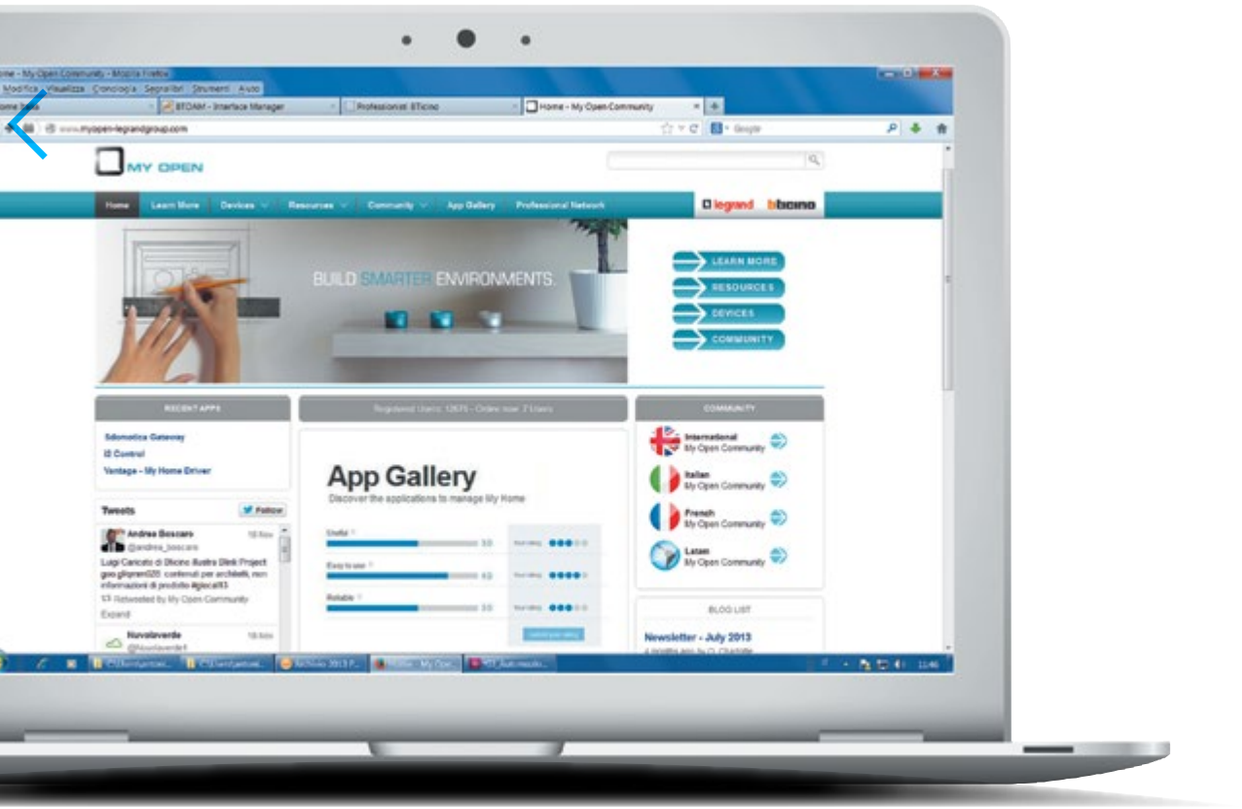
MY OPEN is a virtual community created for those who want to specialise in the integration of MyHome with the outside world using the **Open Web Net** protocol. Through the website

http://www.myopen-legrandgroup.com

fprofessionals, like System Integrators, Installers and sector Technicians can find useful tools for software/hardware developments.

SOME EXAMPLES:

- description and mode of use of the Open Web Net language;
- libraries and applications for Java platforms, C++, etc.;
- examples of use, tutorials, and simulations;
- forums and social networks for the exchange of information and experiences.



OPEN WEB NET TOOLS AND DEVELOPMENT TOOLS

To enable System Integrators and System Developers to acquire knowledge of MyHOME and create customised home automation application, we have made available a useful tool called **Starter Kit art. 3504SDK**.
This consists of a briefcase containing a working "mini" MyHome system, which includes some control devices, actuators for the automation of lights and shutters, a camera, and a power supply.

It also includes a gateway device (web server), for connection with remote management devices/systems, and with a PC, for the programming of functions.
The described Starter Kit is also available as a virtual model, by installing an emulation software for Windows, Linux, and MacOS X systems on a PC.
The application can be downloaded from the "Devices" section of the www.myopen-legrandgroup.com

Virtual Starter Kit with detail for the configuration of the devices

AN INTERFACE FOR EACH NEED

Interacting with MyHOME it's easy and intuitive, thanks to the wide range of digital devices available, from simple and immediate basic controls, for activating the control of lights or shutters, or recalling preset scenarios with the pressure of simple pushbuttons, to the more sophisticated and complete devices, like the touch screen control, which provide great potential.

BASIC CONTROLS

Basic control

Capacity control

Soft touch control

Remote control and IR receiver

Scenario control

Control with transponder badge

AN INTERFACE FOR EACH NEED

TOUCH SCREEN DEVICES

Local display 1,2”

MyHOME_Screen 3,5”

MyHOME_Screen 10”

Watch the video

MyHOME_Screen 10 is the latest example of technological evolution and innovation, as it gives the possibility of using customisable icon menus for the management of all the home automation functions of the home, and to take advantage of multimedia content coming from other external devices and the Internet network. The device can also be used as video door entry system handset.

ADVANCED VIDEO DOOR ENTRY INTERNAL UNITS

AXOLUTE Video display with menu for the management of home automation functions

LAN AND INTERNET CENTRAL CONTROL DEVICES

Mobile access

Voice access with SMS messages

iPad with MyHOME BTicino application for local function control.

MOVEMENT SENSOR

Passive IR sensor

Green Switch IR sensor for advanced lighting management

DRESS MyHOME AS YOU LIKE

The original feature of the MyHOME system is the perfect integration in the civil series AXOLUTE, LIVINGLIGHT, and MATIX to create synergy and harmony among the devices of the system and the home decor.
The functions are in fact integrated in the device, and can be “dressed” with the same look as the whole electric system; from the simple digital control to the more advanced Touch device.

This page shows some design combinations.

For a complete and detailed view of all the available finishes see the catalogues of the individual families.

Select the finish for your customer by the web app!

→ **Axolute and LivingLight**

(Note: at the moment the web app is not available for the Màtix serie)

MÀTIX


White


Cobalt


Green tea


Coffee brown

Ivory

LIVING·LIGHT

Net


Graphite titanium

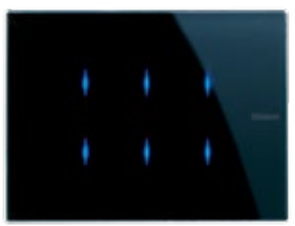

Deep green


Maple


Sunset

AXOLUTE


AXOLUTE white

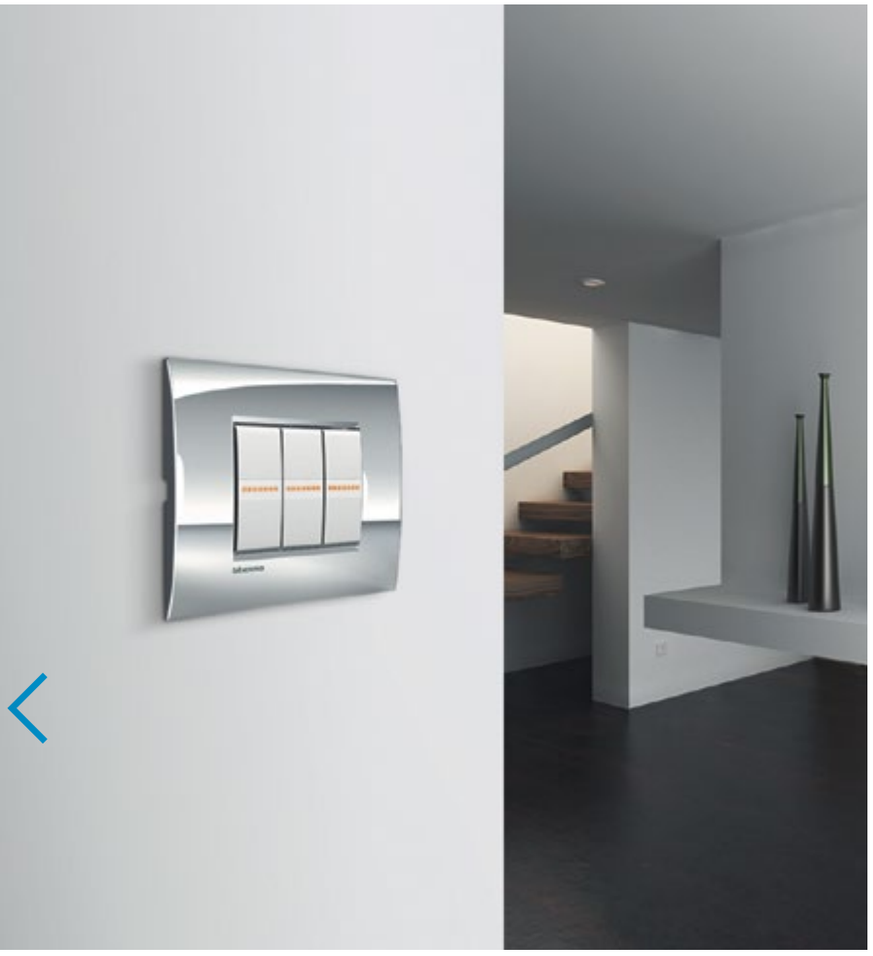

NIGHTER


Cherrywood

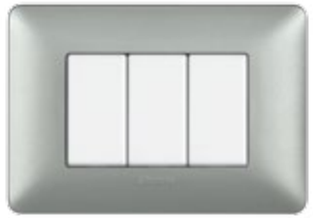

Bronze


Acidated mirror

DRESS MyHOME AS YOU LIKE



MÀTIX



Design combinations

White device

Square Cover Plate

LIVING·LIGHT

White device

Tech grey device

Anthracite device

Round Cover Plate

Air Cover Plate

Square Cover Plate

Living International Cover Plate

AXOLUTE

White device

Tech grey device

Anthracite device

Elliptical cover plate

Square Cover Plate

DEVICES AVAILABLE FOR THE THREE RANGES

Standard burglar alarm central unit

Polyx Memory Display video internal unit

MyHOME_Screen 10