

Life Is On

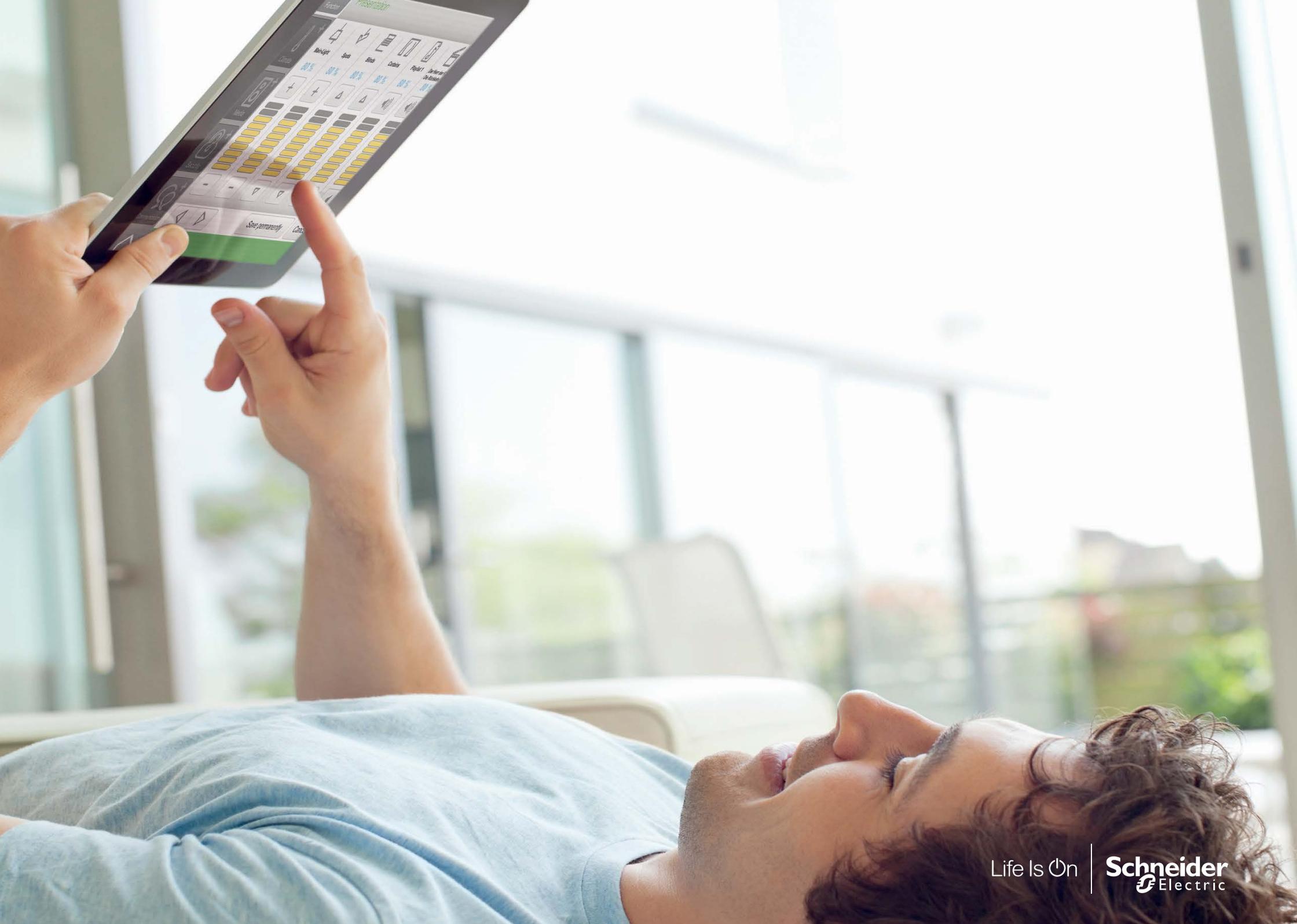


Wiser™ for C-Bus® Automation Controller

Residential IP network controller for automation & control
in homes & small commercial buildings



schneider-electric.com



Energy management and home control become simple

Lighting and climate control accounts for up to 70% of a home's energy use. But our powerful, integrated solution optimizes this major energy draw easily, integrating bringing comfort and ease of use.

The Wiser for C-Bus Automation Controller (SHAC) is an advanced controller from Schneider Electric. It is specifically designed to unite the C-Bus home automation solution with common household communication protocols — from lighting and climate control, security, entertainment to energy metering can be seamlessly and efficiently integrated.

Beyond that, it provides a simple, customizable user interface that enriches the user experience both inside and outside of the home, on either PC, Tablet, or mobile device.

Flexible

- Expands the C-Bus to solution to interact, monitor, and control smart services in the home

Customizable

- Interface can be designed to customers' individual needs

Efficient

- Easy to install and repetitive configuration

+70%

of a home's energy is used for lighting and climate control



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Simplify your life

A single device — the C-Bus Automation Controller — provides numerous options for homes: unlimited flexibility, simplicity, and efficiency.



Gateway

As a gateway, it allows communication and interoperation between different control and management for systems like lighting, blind, heating and cooling. Thanks to this function, C-Bus lighting & room control management can be simply integrated into a simple user experience.



User interface

As user interface — based on a web server application — all functions can be controlled and displayed on local and mobile devices ; a unique interface to control lighting, shutter, security and home entertainment devices from our tablet or smartphone.



Memory functions

The automation controller displays gas, water, and electricity measurements, monitoring daily, monthly, and yearly consumption. It stores and analyses data and identifies potential energy-savings, increasing home energy efficiency.



Logic controller

Advanced logic functions are possible in order to optimize security, safety, comfort and energy efficiency.



Notifications

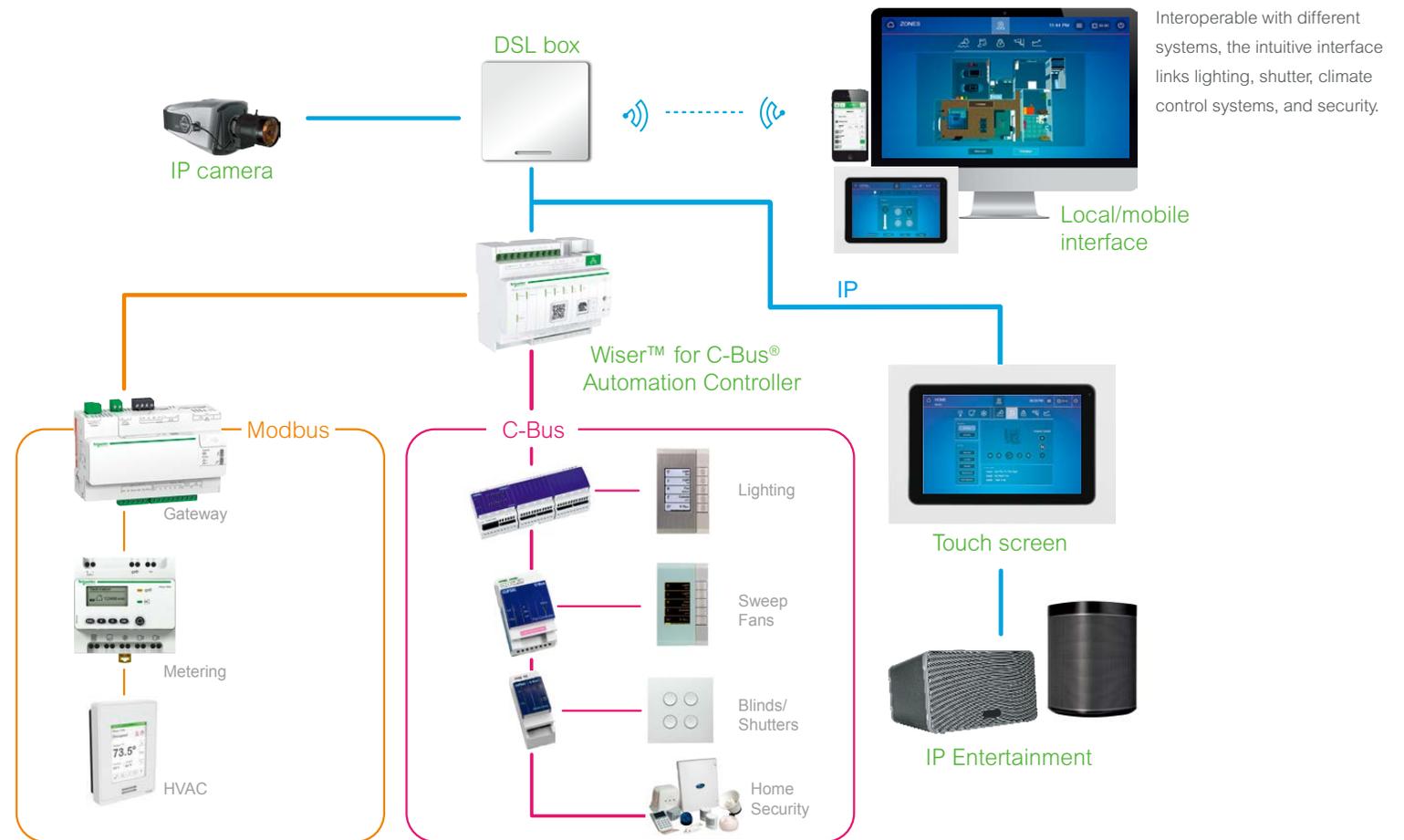
This function provide your customers with a safe feeling whether they are at home or not. They can receive a notification as a response from any system issue that requires their attention.

The total home solution

Wiser for C-Bus Automation Controller connects multiple home control functions, making integration with home systems simple and easy.

Home system architecture

Visualize and take the control of your home wherever you are: lights, shutters, temperature, security, energy monitoring... Local and remote access via PC, smartphone and tablet allows consistent control and immediate action.



82%

The percentage of untapped energy efficiency potential in a building

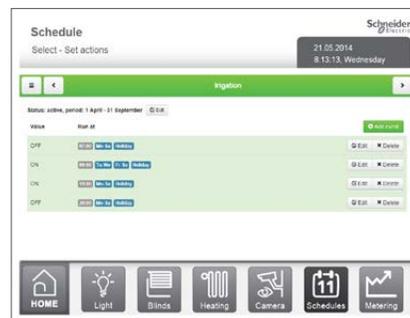
One interface—all functions

Clear, structured views of all functions, scenes, settings, and values—in a single interface with interactive floor plans for intuitive orientation and convenient operation.

Wiser for C-Bus interface control examples



Lights: home functions to control lights, blinds and heating



Scheduling: time-controlled functions on a daily, monthly and yearly basis



Energy metering: measure gas, water and electricity consumption

3500kWh

The global average home electricity consumption

Convenient mobile control

Optimized for all devices, local or mobile, the automation controller interface ensures quick handling – it's easier than ever.

Your customers can monitor and control all home functions even while away. A web-based server application allows them to connect at any time. All they need is an internet connection and a smartphone or tablet.

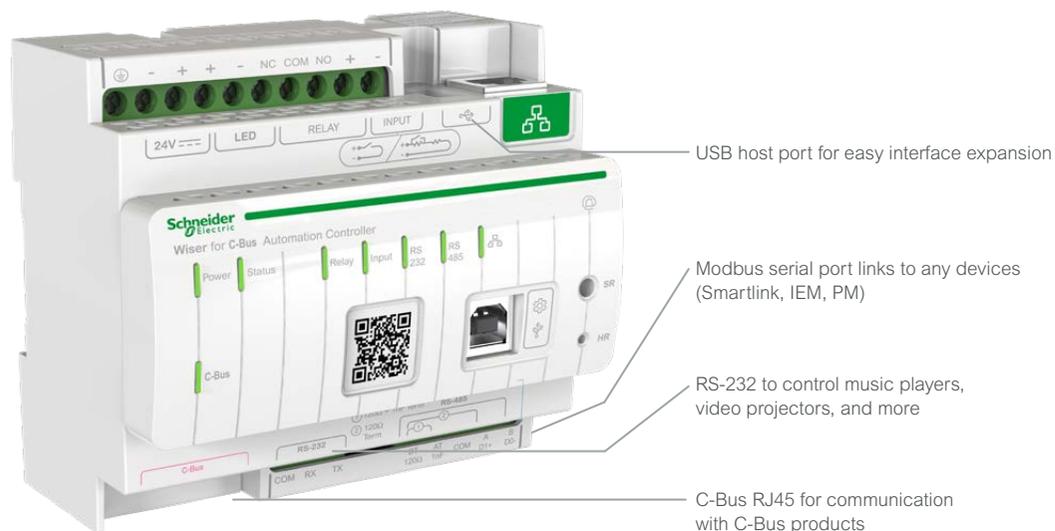


Easy to install...

Installation is easy and efficient. It has a compact, ergonomic design and mounts easily within a C-Bus enclosure via standard DIN rail mountings. With simple connectivity to C-Bus via standard RJ45 sockets and pre-programming possible while still in the box via the front facing USB connection, the automation controller delivers, saving time and money.

Ready to communicate with multiple protocols

IP connection for communication in BACnet IP server 50 points, 6 Modbus devices, C-Bus and web services. It also grants access via the web server to configure and display the graphical user interface.

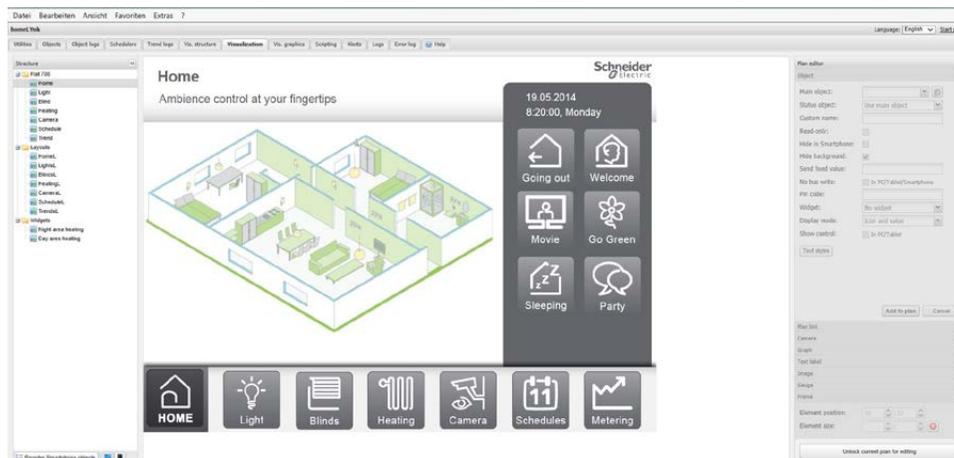


... and easy to adapt to ever-changing needs

Use the web-based configurator to choose between basic and advanced programming. Depending on required needs and functions, configuration is fast and simple. Scale and re-use your configurations.

Easy to configure in basic mode

- **Fast multi-level visualization** creation and processing in a few steps: upload background image and add objects.
- **Select icons and templates** for all control devices, or create your own library with 1-click import.
- **Create schedules easily**, either integrated in a page or directly in schedulers view, program an event and modify values.
- **Create trend logs easily**, integrated in a page or directly display in trends view.
- **Create scenes easily**, setting a comfortable ambiance in the home, for entertaining or just the convenience of shutting down the home when leaving.



Complete functions in advanced mode

- **Execute event-based scripts** when a group event occurs on the Bus, used when near real-time response is required.
- **Run scheduled scripts** at the required time and day. Used for various security systems and presence simulations.
- **Use resident function scripts** to poll and check for object state changes, usually used for heating and ventilation when data is gathered from more than one group address.
- **Scripting repository and built-in helpers** feature built-in code snippets, making script creation significantly easier for end-users. All customers gain access to the scripting repository with examples and tutorials for all common scenarios.

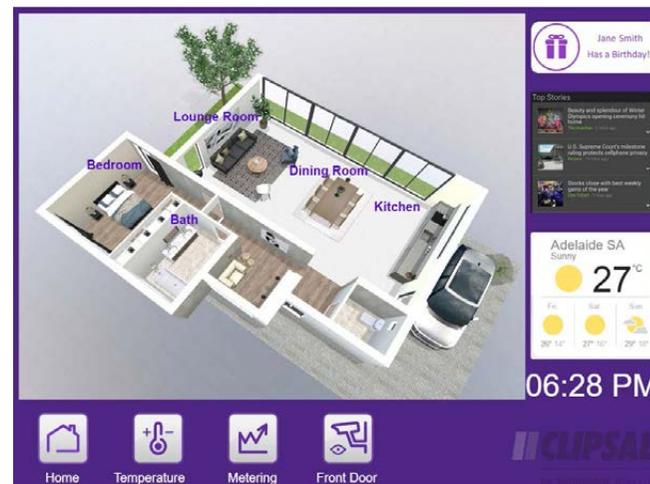
100% interface customization

Clear, structured views of all functions, scenes, settings, and values—in a single interface with interactive floor plans for intuitive orientation and convenient operation.



Standard user interface

Home owners are looking for easy, quick solutions to manage and control their homes. The automation controller provides all this, and tailor-made interface.



Customized user interface

Create a custom interface in advanced configuration mode. Single elements like logos or icons, or even the entire layout, can be replaced.

Home control at your fingertips

The C-Bus Automation Controller gives you the keys to maintain and control your home's functions.

All information visible on one dashboard

All home automation and control functions can be controlled and managed via one interface.

Mobile access

Thanks to the web-based interface all home functions can be monitored and controlled via laptop, tablet and smartphone. Functions can be tracked from anywhere, at home or on holidays. Feel safe and confident with the notification function, that will prevent your from any anomalous situation.

Metering at a glance

Monitor current water, gas, and electricity consumption as well as date-recorded on a daily, monthly and yearly basis. Comparison charts with historical data help identify saving potentials and show abnormal consumption



Moments

Create the perfect ambiance for every moment (watching a movie, an special meal...). By programming your preferences, you'll need only one click to get your house ready: lights, temperature, shutters, music...

Schedules

Schedules for all home functions can be set thanks to be integrated time scheduler/calendar function.

Insight and intuitive operation

All settings, whether on floors or in single rooms, can intuitively be controlled and adapted thanks to plain icons.

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