Wiser™ for C-Bus®
Automation Controller

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

clipsal.com/C-BusTrade

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Make the complex simple through energy management and home control

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

+70%

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

The Wiser for C-Bus Automation Controller (5500SHAC) 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, to security, entertainment and energy metering. These can be seamlessly and efficiently integrated.

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

Flexible

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

Customisable

- User interface can be designed to end-user's individual needs

Efficient

- Easy to install and repetitive configuration

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Simplify your life

A single device — the Wiser for 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 functions and systems like lighting, blinds, 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 a user interface — based on a web server application — all functions can be controlled and be displayed on local and mobile devices such as tablets or smartphones.

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 optimise energy efficiency and comfort.

Event controller

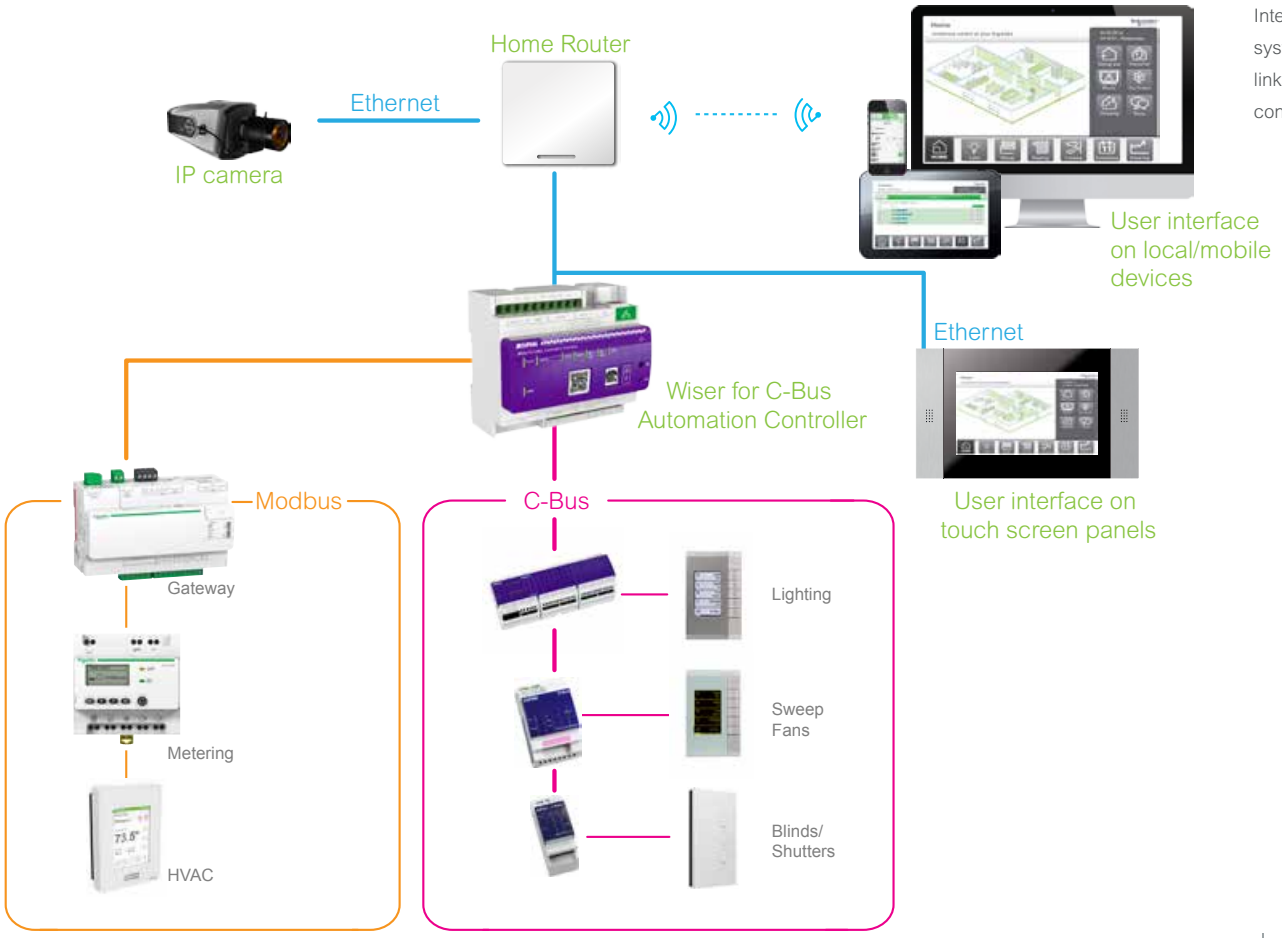
As an event controller, it enhances communications by sending notifications/messages in case of any system failure or issue.

The total home solution

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

Home system architecture

Visualise energy monitoring, lighting & room control, and scheduling. Local and remote access via PC, smartphone and tablet allows consistent control and immediate action.



Interoperable with different systems, the intuitive interface links lighting, shutter, climate control systems, and security.

82%

The percentage of untapped energy efficiency potential in a building

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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 Automation Controller user interface 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

Convenient mobile control

Optimised 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.

Mobile control

Local control

3500kWh

The global average home electricity consumption

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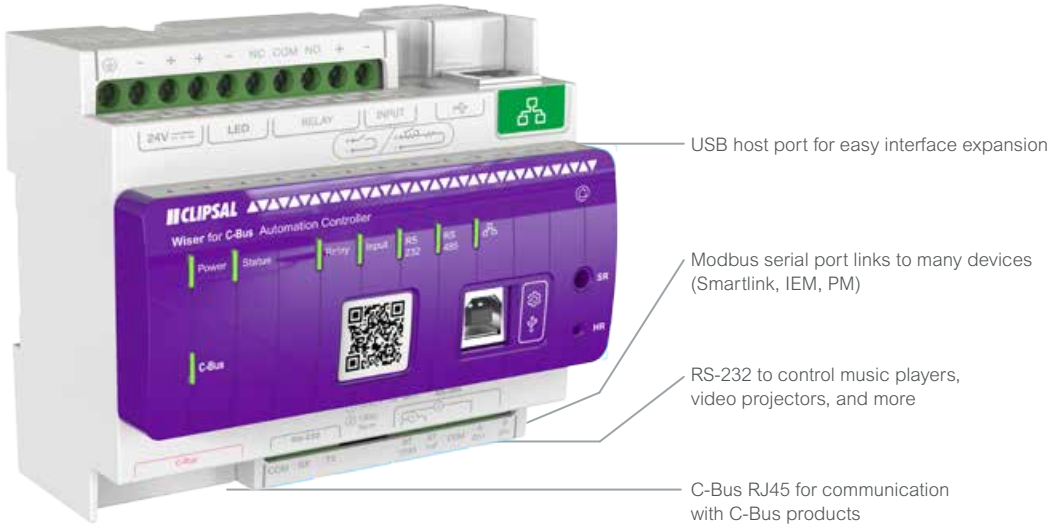
Easy to install...

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

Ethernet connection for communication with BACnet IP server Modbus, C-Bus and web services. It also grants access via the web server to configure and display the graphical user interface.



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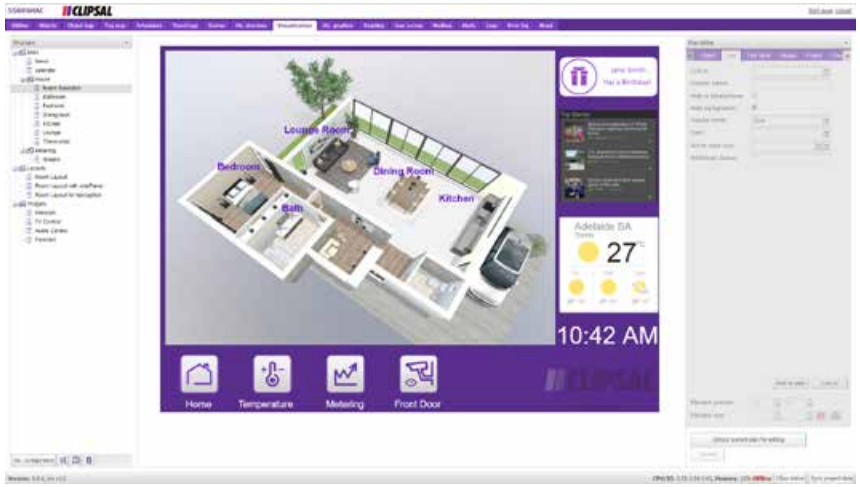
… and easy to adapt to ever-changing needs

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

Easy to configure in basic mode

- **Fast multi-level visualisation** creation and processing in a few steps: upload a 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 the schedule 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. All customers gain access to the scripting repository with examples and tutorials for all common scenarios.

100% interface customisation

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

User interface examples

Home owners are looking for easy, quick solutions to manage and control their homes. The automation controller can provide all this.

Create a user interface where by single elements like logos or icons, or even the entire layout can be customised.

Tailor the look and feel and customise the functionality to suit your needs.

Home control at your fingertips

The Wiser for 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, so you're always connected and in control.

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.

Schedules

Schedules for all home functions can be set thanks to the 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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