* Make the most of your energy

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As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication.

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homeLYnk

Personalise energy solutions

Connected Space

Schneider Electric

The Energy Efficiency challenge

World experts in Energy Efficiency have clearly identified the importance of solutions for actively accessing new energy savings potentials and achieve goals. This is particularly reflected in the context of recent European standards.

EN 15232 sets a frame of reference: it characterises the performance of building control systems and underlines the significance of active management on Energy Efficiency in terms of electrical and thermal energy.

Smartphones and tablet PCs are an increasing part of our everyday life. Remote control of building functions and energy management with mobile devices play a major role for customers, and they are looking for solutions that follow this trend.

Active Energy Efficiency solutions and the use of Smartphones and tablets nowadays can not be ignored – they are a necessity. Their implementation, combined with construction solutions for passive energy efficiency of buildings and a significant change in behaviour affects all our futures.

Schneider Electric

Grow your business in home automation and energy management

HVAC and lighting can cause over 70% of the energy used in a building. You can optimise this major source of energy consumption by installing a powerful, integrated solution on open, scalable devices and applications.

homeLYnk is the new logic controller from Schneider Electric, which allows to connect different standards and protocols for home automation and energy metering.

Beyond that, it provides an outstanding, comfortable user interface. homeLYnk offers a comprehensive and distinguished solution and achieves real differentiation as well as added value to you and your customers.

homeLynk Logic Controller

homeLYnk is flexible

• Interoperable and connecting different home automation systems

homeLYnk is customisable

• Interface can be designed to customers' individual needs

homeLYnk is efficient

• Easy to install and repetitive configuration

"Thanks to homeLYnk I can offer a full solution with a competitive advantage. This way I win new customers and generate more business."

Ben Foley, System Integrator

homeLYnk – one device, numerous options

homeLYnk is the key to provide a complete solution, delivering unlimited flexibility, simplicity and efficiency for you and your customer. homeLYnk can be used in several ways.

Flexibility
homeLYnk connects different home automation systems

Gateway
As gateway, it allows communication and inter-operation of different building control products and functions like lighting, blinds and heating.

User interface
As user interface – based on a web server application – all functions can be controlled and be displayed on local and mobile devices such as tablet PCs or smartphones.
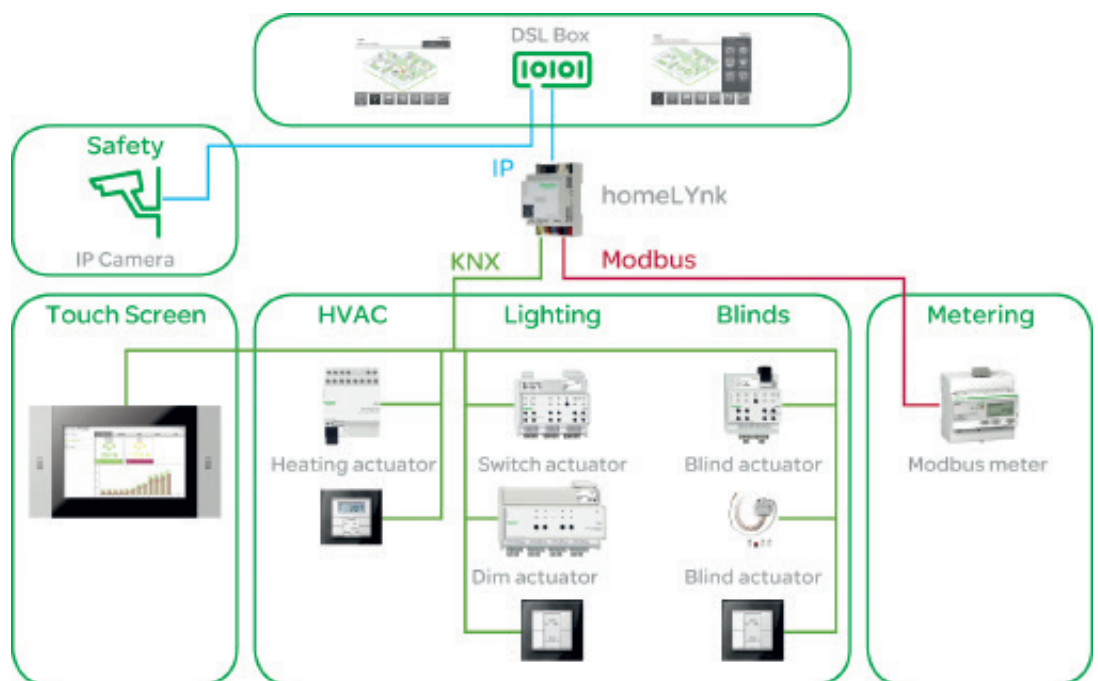
Memory function
homeLYnk is able to display measurement of gas, water and electricity and monitores the consumption on a daily, monthly and yearly basis. It stores and analyses data; this allows to identify energy-saving potentials, thus increasing the Energy Efficiency of a building.

Event controller
And finally as an event controller, which sends a notification/message in case of any failure or issue.

Standards and protocols compatibility

DSL Box

Safety

IP

homeLYnk

IP Camera

KNX   Modbus

| Touch Screen | HVAC | Lighting | Blinds | Metering |

Heating actuator

Switch actuator

Blind actuator

Modbus meter

Dim actuator

Blind actuator

Simplified illustration

homeLYnk
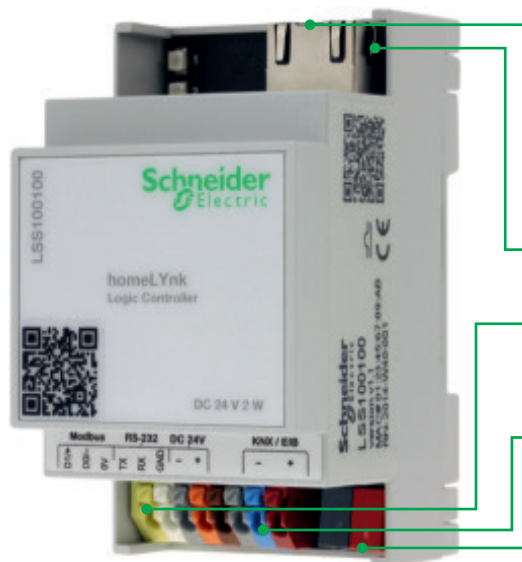# is easy to install ...

The installation of the homeLYnk is easy and efficient. It has a compact, ergonomic size and is mounted on DIN rail. No screw is needed for wiring, and pre-programming is possible, which saves labour time on site.

homeLYnk is ready to communicate with several protocols

Efficient

homeLYnk can be easily installed and configured

- IP connection for communication in BACnet server 150 points, Modbus, KNX, and web services. It also grants access to the web server to configure and display the graphical user interface.

- USB port

- Modbus serial port links to any devices (Smartlink, IEM, PM, ie.)

- KNX connection for communication with KNX products

- RS232 connection to control music players

... and easy to adapt to your configuration level!

The web-based configurator offers two different levels of programming: the basic and the advanced mode. Depending on the needs and required functions, the configuration can be done simply and quickly. For similar projects the configuration can be scaled and used repetitively.

Easy to configure in basic mode

Visualisation

- Fast multi-level visualisation creation and processing in few steps by freely uploading background image file and adding objects. Built-in

1 Menu **2** Structure **3** User-interface **4** Functions

454 MHz CPU guarantees very quick visualisation, even with a large number of objects.

- Visualisation and icons made for all control devices. homeLYnk provides a selection of icons and templates, but an own library can easily be included as well with a one-click import of a zip file.

- Schedulers simple to be created, integrated in a page or directly displayed on the schedulers view. Possibility to program an event and modify values.

- Trend logs simple to create. Can be integrated in a page or directly display on the trends view.

Complete functions in advanced mode

Event-based scripts

- Are executed when a group event occurs on the bus. They are usually used when nearly real-time response is required.

Scheduled scripts

- Run at the required time and day. Can be used for various security systems and presence simulations.

Resident function scripts

- Use polling to 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

- Scripting editor features built-in code snippets which make creating scripts significantly easier for the end-user. All customers gain access to the scripting repository with examples and tutorials for all common scenarios.

One interface – all functions

The homeLYnk interface allows to control all building functions via one interface only – whether from a local or mobile device. It provides a clearly structured overview of all functions, scenes, settings, and values. Plain icons and interactive floor plans guarantee intuitive orientation and convenient operation.

homeLYnk interface control examples

Lights
Building functions to control lights, blinds and heating

Scheduling
Time-controlled building functions on a dailly, monthly and yearly basis

Energy metering
Measures gas, water and electricity consumption

Mobile control thanks to web-based server application

Convenient mobile control

homeLYnk interface can be displayed on all devices, local or mobile. Optimised for each device, the interface design ensures quick handling – easier than ever.

Mobile control

Your customers can control and monitor all building functions even when they are away. They will be connected at anytime thanks to the web-based server application. All they need is an internet connection and a smartphone or tablet PC.

Local control

At home your customers can use a PC or a touch panel to connect to the web-based server and control the building functions from a central point.

100 % Interface customisation

The homeLYnk interface can be fully customised. That enables house builders to propose their design and brand on the market.

Customisable
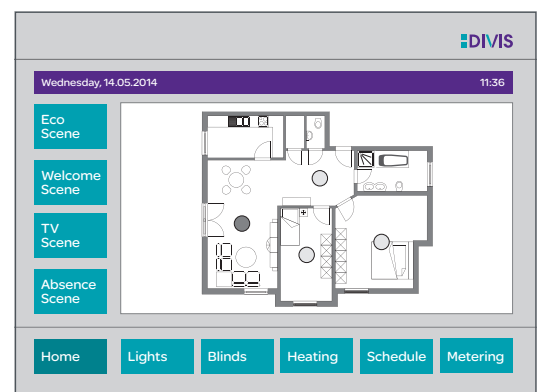Interface can be designed to customers' individual needs

House builders and promoters want to provide the best home automation solution to their customers. With homeLYnk you can not only offer an up-to-date system, but also a tailor-made interface.

In advanced configuration mode you can create the customised interface design. Single elements like the logotype or an icon can be replaced, as well as the entire interface layout.

homeLYnk standard user interface

homeLYnk customised user interface

homeLYnk – more than a product for your customer

Based on the product homeLYnk, you can provide a comprehensive solution to your customers: Home Automation Expert. A solution that is the key to turn a house or an apartment into a comfortable, secure and efficient living space.

Blind control
Offer your customers the possibility to control their blinds individually by room, time of day or by central command.
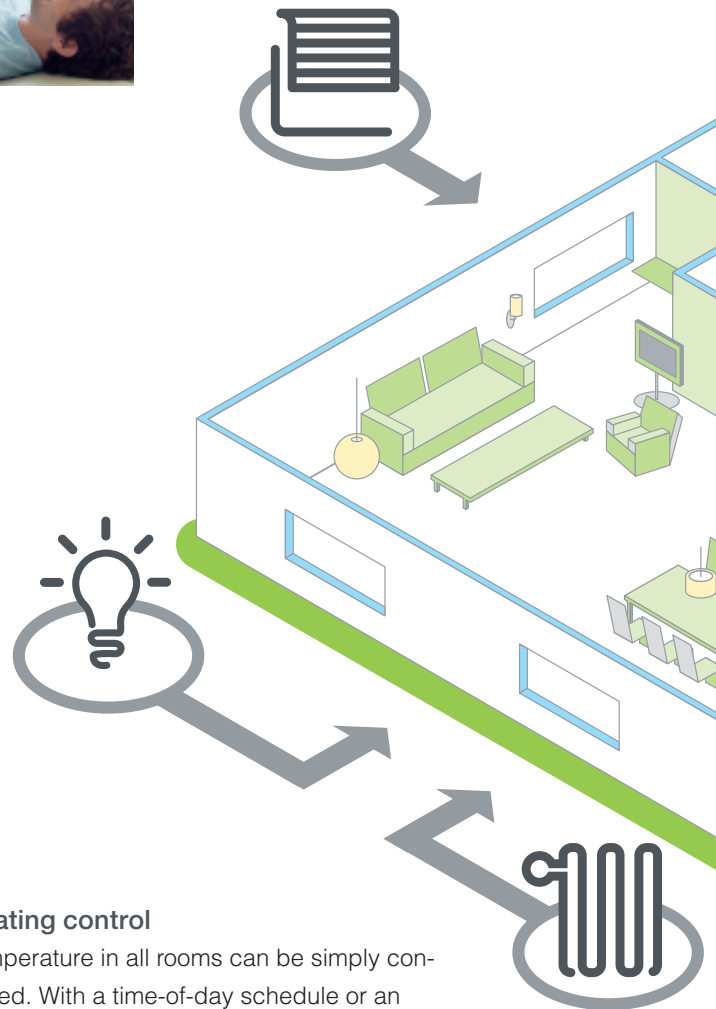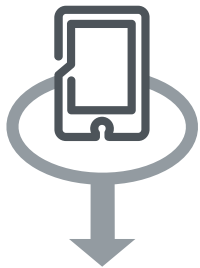
Light control
Enable your customers to switch or dim their lights from a central point or remotely and to create their individual feel-good atmosphere. Dimming the lights also saves energy at once.

Heating control
Temperature in all rooms can be simply controlled. With a time-of-day schedule or an Eco-mode scene, your customers can reach substantial energy savings.
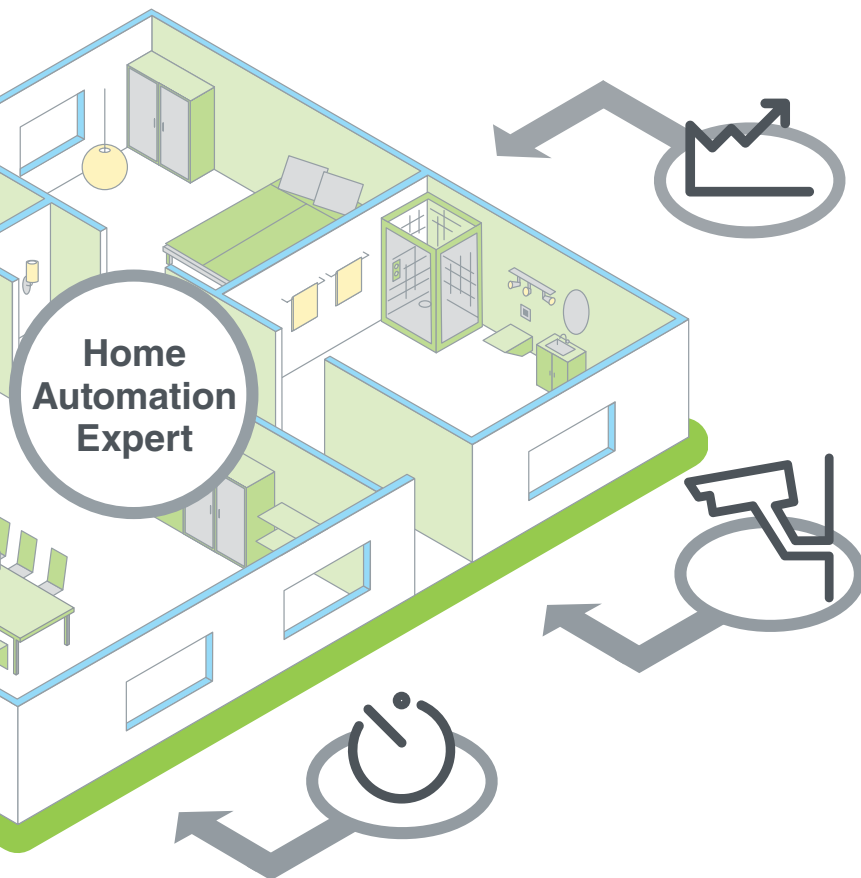
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Mobile

Qualify your customers for controlling and monitoring all building functions even when they are away.

Energy consumption

Encourage your customers to check their current water, gas and electricity consumption as well as to review record data on a daily, monthly and yearly basis. This increases their awareness, leading to conscious energy and cost savings – and to a green lifestyle!

Home Automation Expert

Safety

Provide your customers with a safe feeling when they are at home or away. They can easily access the camera screen at any time to check if everything is alright.

Scheduler

The integrated time scheduler/calender function enables your customers to prepare the house in advance for absence or presence, according to the mood or a planned activity.
The temperatures can be set, heating can be lowered during the nights or when your clients are at work. Lights and blinds can be scheduled as well for simulating presence.