

SMART HOME & BUILDING 2.0:

A smart building is a structure based on IoT technology that uses hardware, software, and connectivity to manage HVAC, lighting, security, etc., and create a comfortable and safe environment for occupants.

A home automation system or Smart Home supports sustainable development, maintenance, and servicing, in which the HVAC systems, indoor and outdoor lighting “advanced lighting control”, security, fire alarms, cctv, and any other mechanical, electrical, or plumbing features and appliance on the property are controlled / monitored by smart building technology, centralized networks of hardware and software, to maintain a building’s optimal operational performance levels and ensure the comfort and safety of its occupants.

All these will be controlled and monitored thru your smartphone, PC, independent where you are.



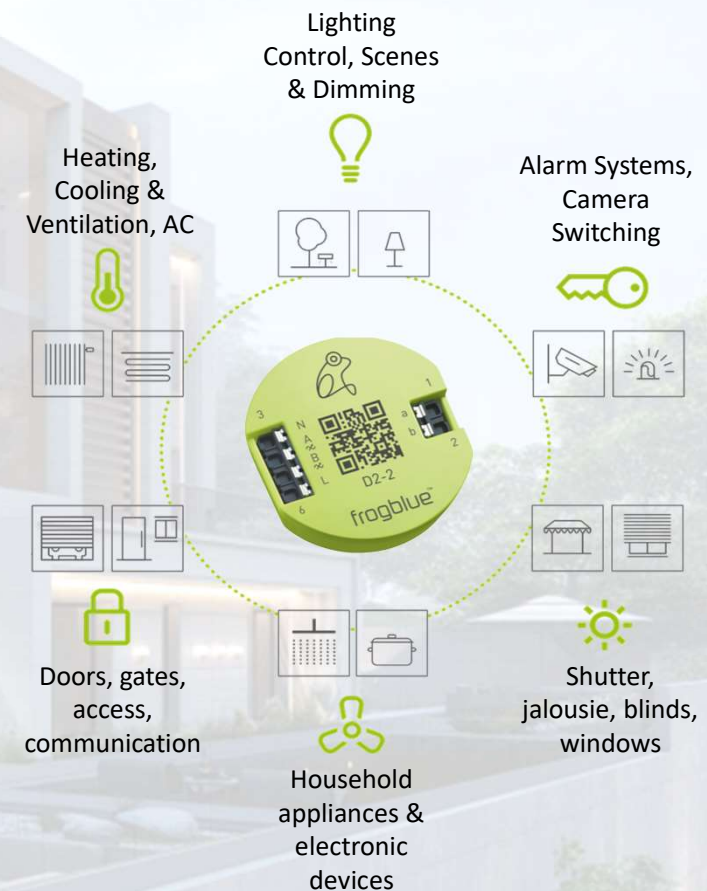
SMART HOME & BUILDING 2.0:

Is easy to install - always expandable - doubly secure - easily affordable

Frogblue offers smart building solutions based on its own frogblue Bluetooth® mesh network, which are 100 percent made in Germany with the highest standard of quality. The system is based on intelligent control modules, the frogs, which are installed directly in flush boxes behind the light switch, lamp outlet, distribution box or suspended ceiling.

Frogblue controls energy-efficiently lighting, heating, cooling, AC, access and the alarm system. Via every light switch or smartphone. Wireless of course and ideal for retrofit. Affordable for everyone and less expensive than a conventional installation in the home

No more cable routing * No switch cabinet required
 No extra modules in the fuse box
 No control cables*no control cabinet*No central unit
 No IT infrastructure
 No modules in sub-distribution board
 20 watts for 100 modules
 via every light switch or smartphone



SMART HOME & BUILDING 2.0:

Bluetooth® - based Smart Home System are the future.

As a worldwide standard, Bluetooth® is already included in every smartphone or tablet, so only one additional frog is needed to communicate with your smart home. No central control unit like server or hub, no cloud mandatory and no IT technology. Frogblue is wireless smart and the professional and energy efficient alternative in electrical installation!

Benefit from double encryption of your data - Bluetooth® is already encrypted by default, but we still encrypt all messages sent within the system additionally with 128-bit and provide them with a time stamp accurate to the second. So there are no unwanted surprises regarding foreign access.

Due to the innovative frogblue Bluetooth® mesh network there are additionally never any range problems! Every message is automatically forwarded to its destination by the frogs. Faster and more secure than over the standard Bluetooth® mesh network!



SMART HOME & BUILDING 2.0:

Benefit from the reliability and security of the Bluetooth®-based smart home system from the specialist for energy-efficient building technology from Germany, which has been engineered and tested for years!

Frogblue offers everything the smart home heart desires:

- all types of lighting control with variable dimming curve
- scene control for light and shading
- time-controlled shading with central functions
- twilight-controlled light with central & logic functions
- Heating & Cooling, AC control with flow and return control
- Monitoring of windows & doors with alarm function

Your desired function was not included? Don't worry. Frogblue can do much more! If you need advise on your own project we are thrilled to plan and execute your individual smart home system together with you from the very beginning.
Free of charge & without obligation.

3 SIGNIFICANT REASONS FOR A SMART HOME SYSTEM BASED ON BLUETOOTH®.

EXTRAORDINARY RANGE.

A single frog has a range of "only" 10m but put together in a network their range in the building is nearly unlimited!

IT CAN'T GET MORE SECURE.

Bluetooth® systems are encrypted by default - frogblue encrypts again on top of that!

ALWAYS RELIABLE.

Bluetooth® always works - frogblue is functional again after a power failure after only one second.

SMART HOME & BUILDING 2.0:

With only minimal cable and energy expenditure, frogblue links lights, shutters, fans, windows, doors, heating, cooling, AC, door intercoms and normal light switches - wirelessly via Bluetooth®.

Due to its compatibility with any standard switch program, the system can be easily integrated in the deep flush-mounted box at 230V behind the light switches. In this specific way frogblue drastically reduces costs in new construction and is perfect for renovations.

And best of all: The system can be adapted to changing user requirements even after years using a configuration program! Simple and uncomplicated with just a few clicks.

Frogblue is the all-in-one smart home system for everyone who wants to remain flexible in the future. Enjoy the benefits of a proven system that even after years of use can still be adapted to your requirements via configuration program.

Does your beloved homestead currently only require a solution for lighting or shading, but in the future you would like to have the option of easily integrating heating or cooling and access control into your smart home world?

We plan and support you on your project from the very beginning.



SMART HOME & BUILDING 2.0:

Commercial Lighting Designers, Consultants and Architects

Our AJ-Smart Home services can create effective control systems to assist in monitoring the operation of your building, property and lowering energy consumption. After identifying your demands, we work together to choose the right options that comply with your requirements. We employ automation and software for “creating” smart homes to enhance how people use and interact with real estate, take care of the conditions, functionality, and usability of the property, and support energy efficiency

We offer a solution design platform incorporating comfort, mood lighting and scenario setting to provide an enhanced customer experience:

Hotels & Villas

Retail

Car showrooms

Museums

Art Galleries

Restaurants, Bars, Cafes

No pre planning of all the wiring system

Easy to install and very cost effective.

SMART HOME & BUILDING 2.0:

Intelligent & Smart Living, Enjoy Comfort, Safe & Energy Efficiency

All functions within your building or a house can be automated with frogblue – from lighting and AC control, roller shutter control to the access control. All this does not require any technological knowledge nor any complicated operation controls.

LIGHTING CONTROL

Individual light scenes, constant light regulation, DALI, RGB controller, presence simulation

HEATING, COOLING AND CLIMATE

Optimized single room temperature control, AC control, remote monitoring

AUTOMATIC POWER-OFF

Automatic powering off of end all devices within your building, home & officer

SCENE MEMORY

Storage and calling up of pre-defined scenes as per your wish (light, temperature, shade, etc.)



SMART HOME & BUILDING 2.0:

Intelligent & Smart Living, Enjoy Comfort, Safe & Energy Efficiency

Wishes and needs are quite easily and automatically fulfilled without any further effort – the right light at the right time, any end devices or equipment can be easily controlled upon your need and your comfort – completely automatically. It is about automatically saving energy each and every time.

SENSOR TECHNOLOGY

Motion, temperature, light, humidity, wind, carbon dioxide, voltage or fingerprint

ACCESS CONTROL

Person identification, individual rights allocation, door and window surveillance, transponder and IR remote control

ALARM SYSTEMS

Multi-zone alarm technology, automatic alarm notification, detection of presence, glass breakage and access



SMART HOME & BUILDING 2.0:

Intelligent & Smart Living, Enjoy Comfort, Safe & Energy Efficiency

To be away from the house without having to think about the possibly open windows or the cooker that was left on.

To be able to feel the comfort and the security that one's own house is thinking on its own – regardless of when or where one actually is at the moment.

CENTRAL CONTROL

Control of all functions from a central location – with buttons, remote control or from your phone

WEATHER STATION

Weather-influenced control for temperature regulation as well as sun and rain protection, it will control shutter, jalousie, garage, doors, etc.

ENERGY EFFICIENCY

it makes energy savings of up to 40% possible – this protects the environment and save you a lot of money.



SMART HOME & BUILDING 2.0:

PLANNING A SMART HOME?

Are you looking for a modern homestead that fits your lifestyle? But you still have no idea where to start planning and what to look out for to make your project a complete success?

Don't worry, we and frogblue team will answer all your questions and plan your project while you don't have to do anything but to lay back and see your smart home dream come true. We supports you from the very beginning. Free of charge, without obligation and always personal.

Frogblue links all necessary functions in a building, unifies control and optimizes operations within your smart home - all without the need for a control cabinet, server or WLAN.

Frogblue is installed behind standard light switches and requires only 230 V. In addition to the light, each switch can trigger further change, central and panic functions or call up scenes. Thus frogblue drastically reduces costs in new buildings and is perfect for renovations.

Have you also dreamed of a smart home that fits your modern lifestyle perfectly? Your dream is just one click away.

