

Thinking Solutions
Innovations, Systems, Solutions

**BACH
MAN**

BSG

Just four ideas of many

BACHMANN Systems is the innovation hub, trend scout and service provider of the BACHMANN Group. This wholly-owned subsidiary, founded in 2015, employs experienced electrical engineering, network technologies, media technology and service experts who develop customer-focused systems and services for the future. We are always looking ahead to generate value for individuals. To achieve this, we develop innovative solutions, four of those are detailed here.

1 The office workspace of the 21st century

This is how flexibly you will be able to work in the future

Static office workspaces are so last century. Today and in the future, new ways of flexible networking will constantly transform our way of working: project teams will change all the time, use different rooms or buildings, and even continue working at, for example, trade fairs. BACHMANN's direct current solutions make fixed networks completely redundant, and remove our dependency on rigid infrastructure such as power sockets, network connections and cabled devices.

The direct current infrastructure is located in a mobile container so it can be used wherever you happen to be.

- Cuts operating costs to a minimum
- Enables flexible relocation management
- Simplifies desk sharing and team workstations
- No unnecessary investment in office infrastructure



Capex

Opex

Less installation needed

Increased personal safety thanks to the use of low voltage, no regular electrical testing required, infinite flexibility, invest in running your company and not in office space, clean office with no need for cables

2 Ambient assisted living systems

BACHMANN InstaMon – intelligent fall detector

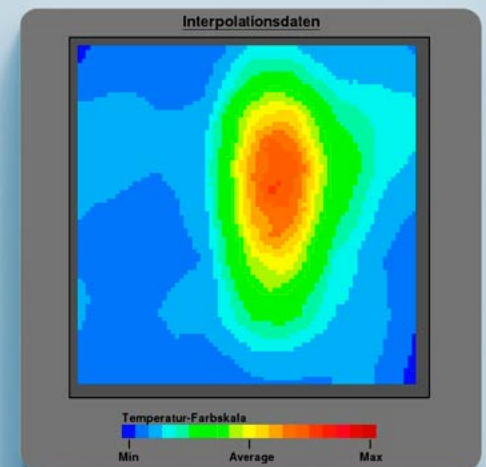
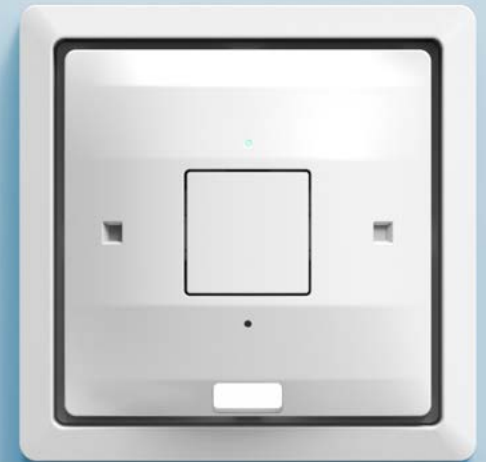
BACHMANN InstaMon constantly monitors its surrounding environment to ensure elderly or disabled people get help quickly in case of an emergency. BACHMANN InstaMon uses a thermopile process to detect falls and report incidents without the person who needs the help having to do anything. BACHMANN InstaMon is a smart system and can make decisions about whether a situation is critical. By using SMS or a voice call to raise the alarm instead of image-based techniques, it also guarantees the privacy of the individual involved.

BACHMANN InstaMon

- detects falls resulting in unconsciousness or inactivity.
- reacts to movements during the night with a small night light to provide unobtrusive floor lighting.
- measures the room temperature and reports unexpected cooling.
- identifies the outbreak of fire and unusually high temperatures.
- avoid false alarms by having alarms confirmed by the user or by calls to a specified contact person.



BACHMANN InstaMon works 24/7, without the cloud and without you having to manage a device, making it as easy to install as a light switch.



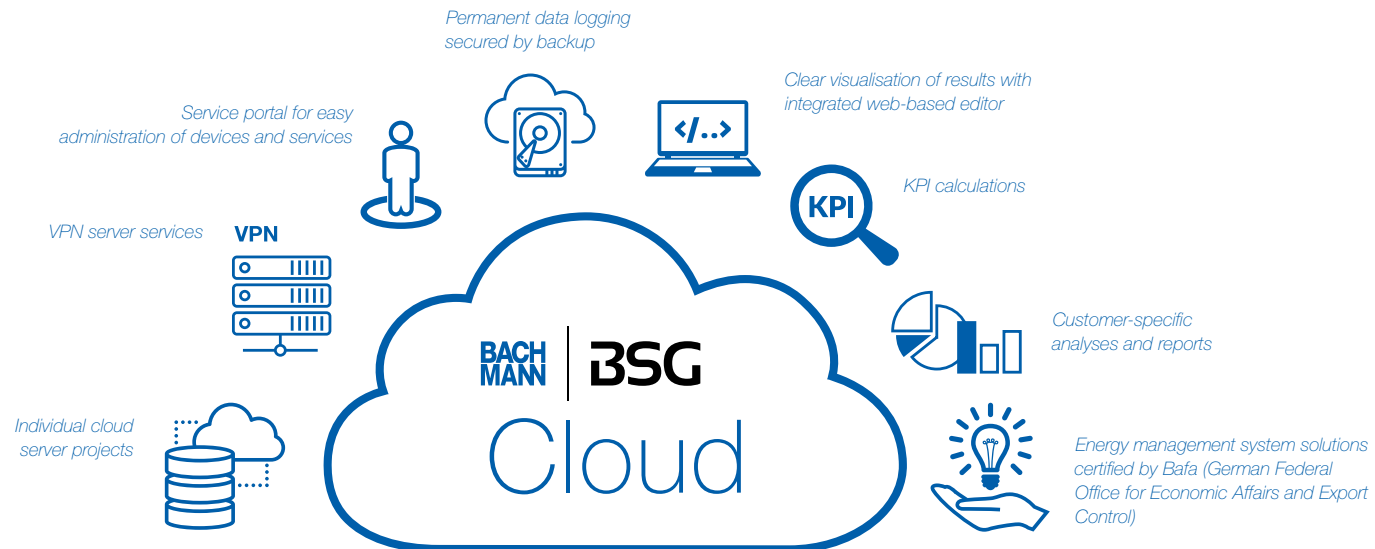
3 Intelligent networking from BACHMANN

The Internet of Things – always with its finger on the pulse of the times

Every aspect of our lives and work is becoming ever more digitised. BACHMANN is at the forefront of this trend and aims to provide its customers with the solutions that are tailored to their needs in future. BACHMANN Systems provides the monitoring interface that is the basis for all BACHMANN technologies.

Thanks to its open interface structure, systems from third-party suppliers can easily be interfaced to and integrated in this solution. This means we can guarantee your sensitive data is transferred securely within your network, in real time.

Outlook: Cloud Services



4 BACHMANN – eNet Allianz Partner

An excellent basis for creating more comfort and security in your home

The market for smart home solutions is booming. By 2020, millions of households will be using intelligently networked technology. We want our partners in the specialised skilled trades to profit from that, and enable them to offer their customers holistic solutions. To achieve this, leading brands have agreed on a uniform standard, used to create a common platform for any new application ideas. eNet is a bi-directional wireless system for smart networking and

controlling building technology which can be installed and retrofitted quickly, without the need for cables. Each of the functions you need to run a comfortable, secure household can be installed and configured individually. And the control functions are also exceptionally user-friendly: wall buttons, house transmitters, by PC or smartphone – all of which can be activated either at home or when you are out of the house.

eNet

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GIRA

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BRUMBERG®
— Licht seit Generationen —

ETHERMA°
GENIALE WÄRME

STEINEL®
PROFESSIONAL

Simons Voss
technologies

Shape your future with BSG.



BACHMANN Group

Since being founded in 1947, BACHMANN has become a company with a global reach in the electronics technology sector. BACHMANN operates production sites and development and quality management centres in Germany, Romania and China, as well as numerous international sales companies and partnerships.

We employ more than 600 people around the world. Our success as a manufacturer of electronic components and systems has always been down to our ability to spot trends and use these to develop products with the greatest benefit for our customers. Outstanding examples are the BACHMANN BlueNet product range, an innovative and efficient solution for energy management, and our multi-functional desk connection panels, which have already been awarded numerous international design prizes.



BACHMANN Systems

An innovation hub, trend scout and service provider – these are the things that BACHMANN Systems, founded within the BACHMANN Group in 2015, stands for. Employees at BACHMANN Systems think far into the future and develop tailor-made technical innovations. The results are practice-oriented products and systems for the lifestyle and processes of tomorrow.

BACHMANN Systems distinguishes itself from the competition by its use-oriented and systemic approach. This provides the basis for innovative global solutions for homes, offices, factories and data centres. Direct current technology is one of BACHMANN Systems' core competencies, which has been expressed professionally in the new 380-volt direct current data centre.



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