

MICROSENS



**SMART ^{NEW}
BUILDING
STUDIO**

**SMART PLANNING.
EASY CONFIGURATION.
EFFICIENT COMMISSIONING.**

 **Made
in
Germany**

PLANNING FOR THE FUTURE

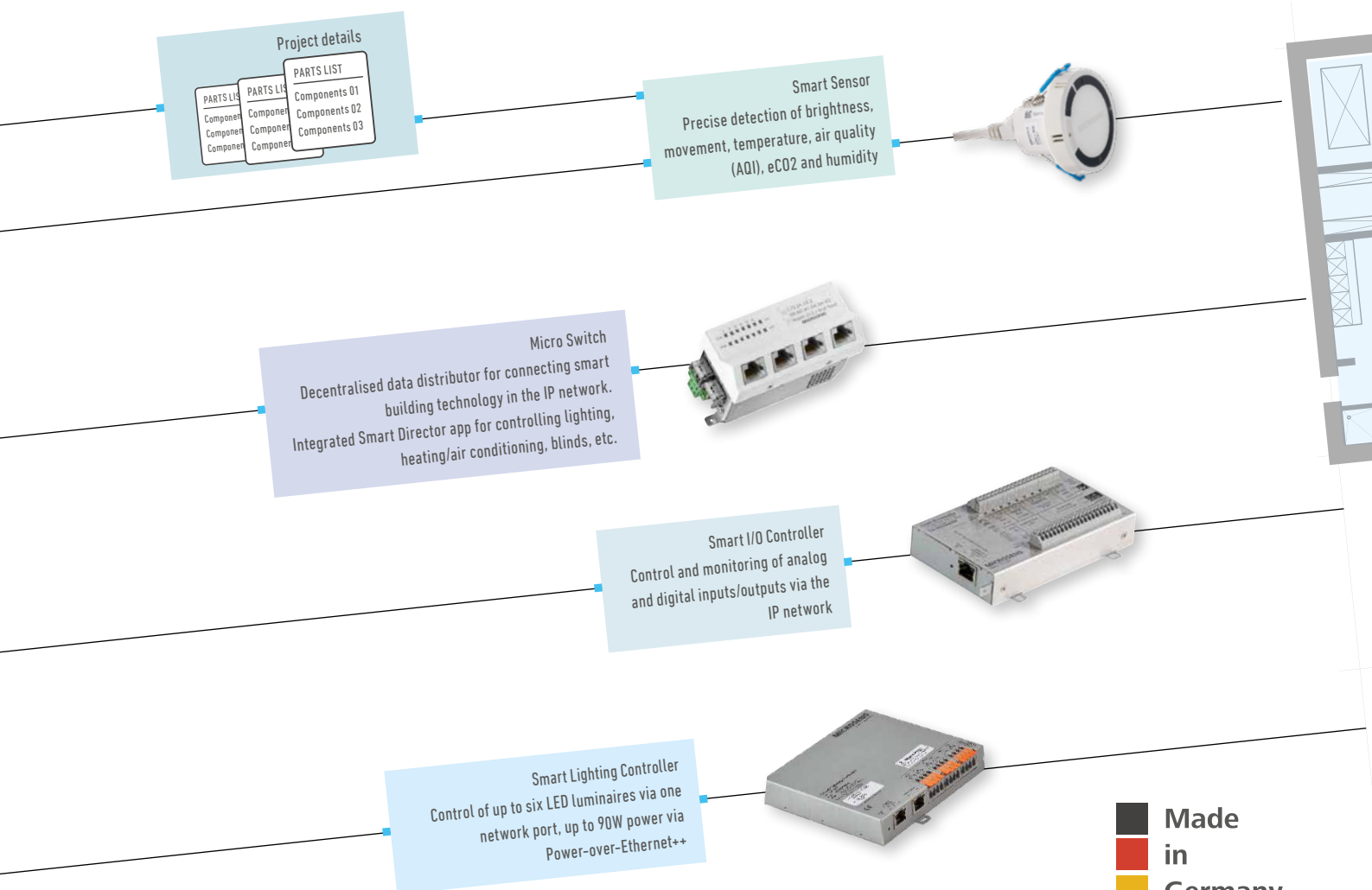
Thinking Ahead.

Modern buildings are highly networked systems. The more complex the infrastructure, the more precise the planning must be. Our tools help you to anticipate all requirements efficiently and reliably. Take advantage of our extensive market experience and our expertise as a developer, manufacturer and provider of innovative building technology applications.

All the advantages at a glance.

- Energy efficiency by using intelligent control of lighting, heating, air conditioning, shading and supplementary system components
- Convenience & flexibility system by utilising intuitive operation via drag & drop
- Data security by using encrypted communication
- System integration & networking for decentralised control of a wide range of technologies

SMART
BUILDING
STUDIO



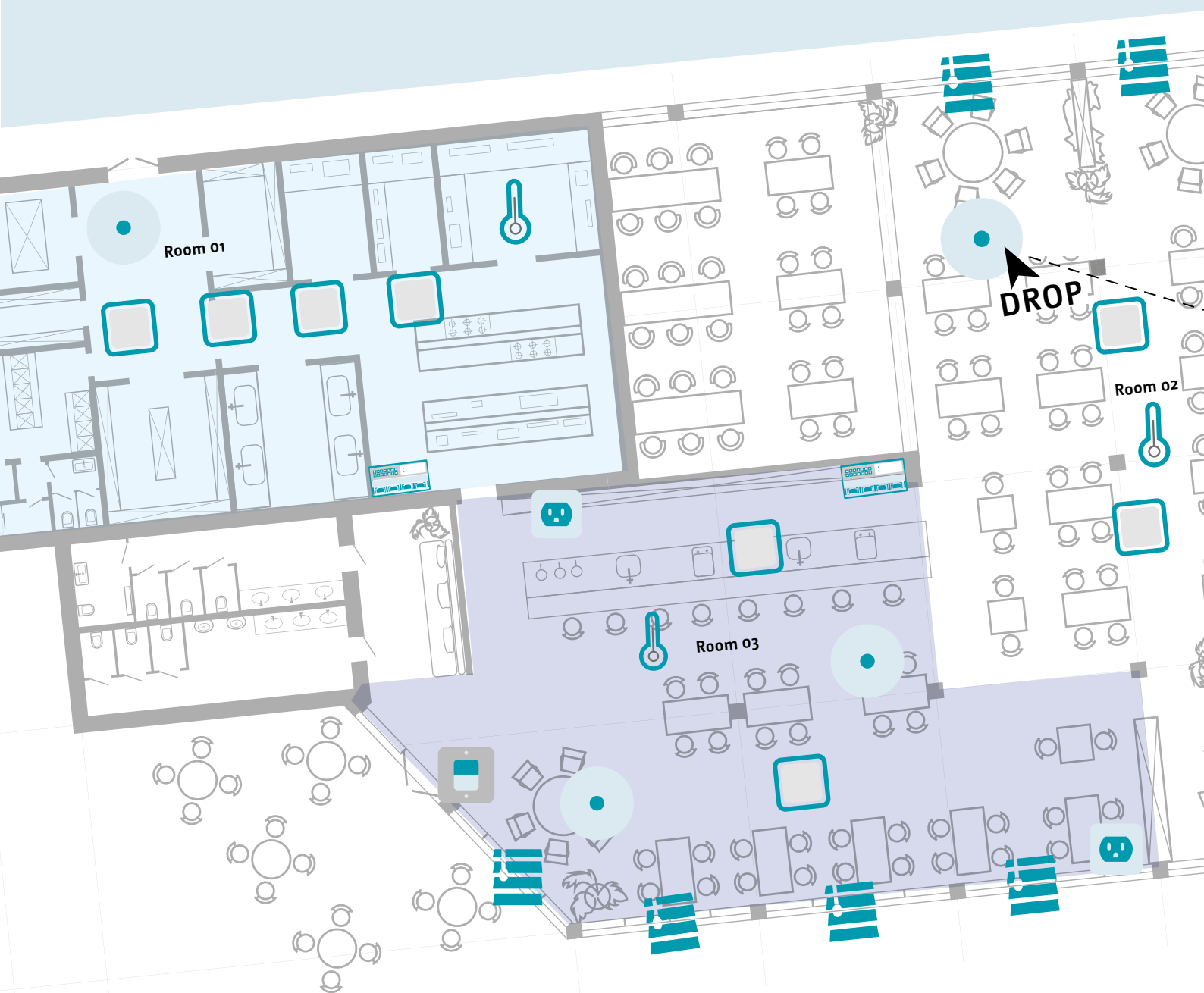
SIMPLE. SMART. SCALABLE.

Automation that thinks for itself.

The light turns on as soon as someone enters the room and automatically adjusts to available daylight. Ventilation responds to CO₂ levels, and air conditioning adapts to current demand - all via a single IP-based infrastructure. Room by room. No central control required.

Seamless extension through open interfaces.

Our software supports a wide range of interfaces and protocols, including BACnet/IP, MQTT and more. This enables flexible integration of both MICROSENS products and third-party components. The result: a perfectly tailored solution for every building and every application.



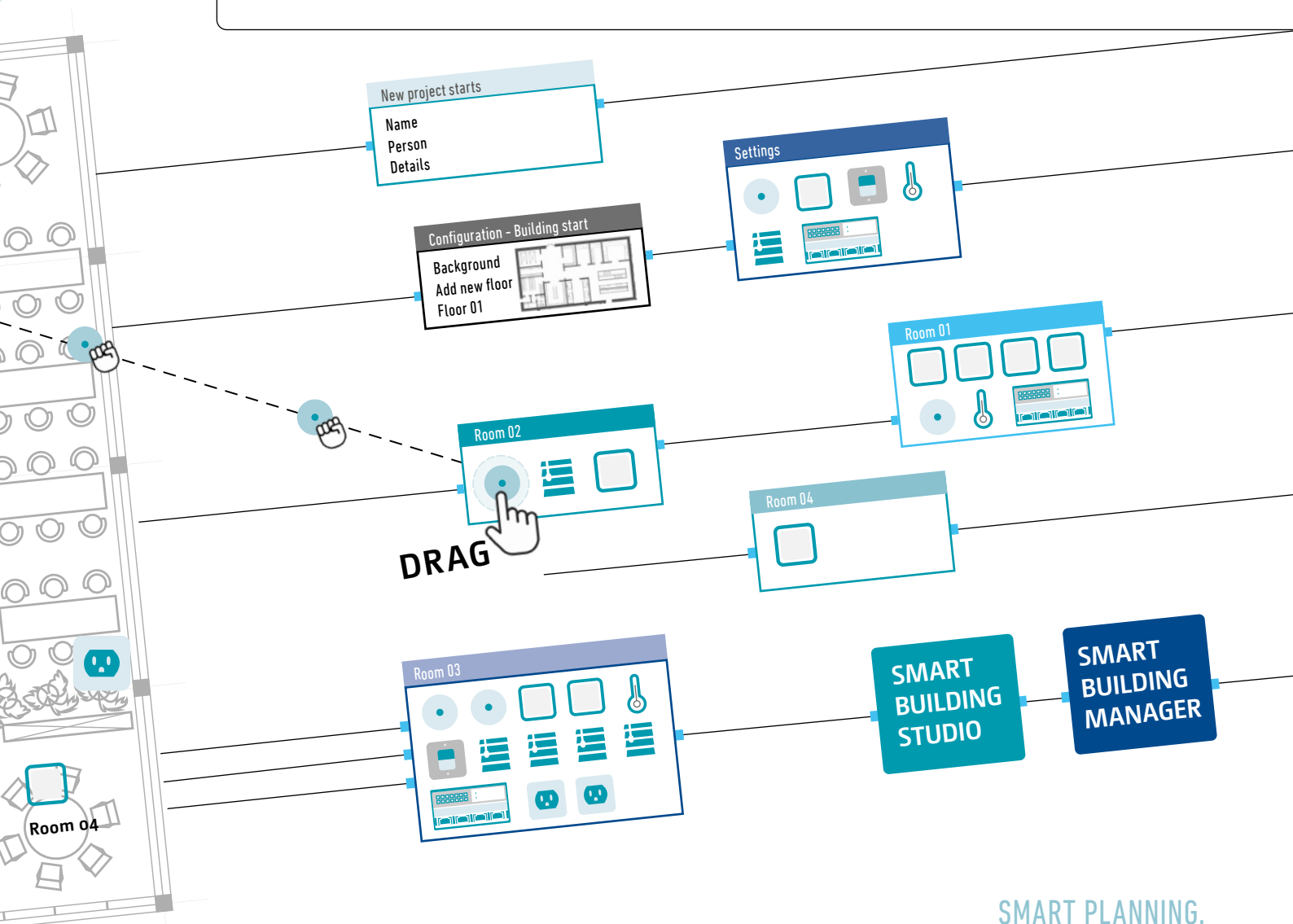
INTELLIGENT CONTROL

Holistically Networked.

Our software offers maximum flexibility. With open, freely configurable interfaces and individually programmable elements. The aim: to fully network all building technology systems for a truly intelligent and integrated building.

The Smart Building Manager.

The SMART BUILDING MANAGER assumes as the central control unit for monitoring and management of all systems within the IP-based network. After configuration and commissioning via the SMART BUILDING STUDIO, ModBus components can be integrated directly, while analog and digital devices are connected via Smart I/O Controllers. Customer-specific functions can be flexibly supplemented by software modules.



FASTER TO YOUR GOAL - WITH A SYSTEM

The SMART BUILDING STUDIO software is a powerful solution for configuring modern building automation and lighting systems. It enables intuitive visualisation of all components, streamlines the planning process and ensures exceptionally efficient commissioning - in a way that is unique on the market.

More efficiency with MICROSENS.

Our software simplifies your technical planning through the visual room representations, easy drag-and-drop insertion of all components, and automatic generation of parts lists. This enables you to maintain a clear overview of the project scope at all times - precise, structured and transparent.

More Control, Less Complexity.

Get started straight away - no special prior knowledge required. Components can be added, moved or removed at any time. Whether for later modifications or ongoing adjustments: The system detects all changes automatically and instantly generates an updated configuration - without any additional programming effort.

APPLICATION AREAS



Office



Shopping center



Supermarket



Airport



Hospital



Factory



Hotel



University

Business premises, shopping centers, hotels, airport buildings, universities - the value of any building can be increased by using MICROSENS software and hardware.

WE ARE HAPPY TO SUPPORT YOU

Planning a new build or renovation? Our software supports you right from the early planning phase with precise visualization and technical configuration - ensuring a smooth process and faster implementation.

Welcome to MICROSENS.

In a non-binding consultation, we will introduce you to the possibilities of SMART BUILDING STUDIO - individually tailored to your requirements.

Would you like to find out more?



<https://www.microsens.com/smart-building-studio>



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