

## Connected Intelligence zur Gebäudedigitalisierung & - Steuerung

Building automation with IoT & CloT - for office, trade, events & Co.

### Comfort & building security – with smart connectivity

We turn your buildings, meeting points and facilities into **smart work, comfort and experience worlds**.

- ✓ For optimal **energy efficiency**
- ✓ functional comfort
- ✓ and **reliable security**

bintellix<sup>®</sup> Munich offers you **intelligent, innovative & needs-based smart building solutions** for the highest demands.

Whether network automation of administrative buildings, restaurants, hotels or airports - we design the **right solution architecture** for you.

And by fitting we mean: **turnkey, independent & secure systems** for building control that can be **adapted** to new & changed needs at any time.

The result is **compact and powerful smart buildings** that **save you a lot of trouble, time and money**.



## Building automation with 100% scalability in smart clusters

Our experts in the field of Internet of Things, IT, software development & system integration advise and support you personally in optimizing your building technology and functions.

These include in particular:

1. Modernization of the network technology
2. Optimization of building management systems
3. user-friendly configuration of all devices & components

## System synergies par excellence - Independence thanks to transparent interfaces

Smart buildings result from the **optimal interaction** of all integrated systems and functions.

To do this, however, a comprehensive and **cross-system approach** is required. Otherwise, the ongoing maintenance and modernization of the entire building gets unnecessarily expensive.

This is exactly what we **prevent with decentralized** networks that easily connect **all systems from different manufacturers, trades and rooms** and **simplify control**.

All bintellix<sup>®</sup> solutions are based on the **principle of agile software development**, which is highly **compatible** and implemented with little effort.

This eliminates the need for costly adjustments and extensions.



## Intelligently thought out instead of out of the box

Technology-neutral automation solutions  
– for your independence

The **requirements** for professional building automation **vary widely**.

Whether public buildings, car dealerships or banks - we offer you **high-quality solutions** with significant added value for every area.

So entstehen:

**Sustainability, security and functionality for modern building management**

## What are we going to do?

We have a broad **network** of **renowned experts** in building automation with **in-depth industry knowledge** and **detailed knowledge**.

Thanks to the combination of interdisciplinary expertise, we can integrate **intelligent, decentralized networks** that **guarantee you absolute transparency**.

## What's the highlight?

**Self-organized, adaptive systems** that enable **fully automated room control** and thus maximize productivity, comfort & safety.

## What is your specific added value?

- ✓ **Vielfältige Funktionen**, zum Beispiel für Barrierefreiheit, Brandschutz oder Hygiene-Vorschriften
- ✓ **energetic & resource-saving** building management
- ✓ **optimal working, living & comfort environments**

## company-name/> – Smart building automation & industry solutions

- Office buildings
- Administrative buildings
- Meeting Points
- Universitys
- Hospital facilities
- Banks
- Insurances

- Event-Locations
- Research facilities
- Hotels
- Restaurants
- Exhibitions
- Shopping Centers
- Public buildings
- Healthcare institutions
- Corporate buildings
- Car dealerships
- Salesrooms

## Smart home solutions and premium living

Enjoy the **most modern living comfort & premium smart home Solutions** for the highest demands.

Light, climate, security, blinds & entertainment - with **design-rich functions** & intuitive usability, you can perfect your home into a **smart living environment** that is precisely tailored to your ideas and needs.

bintellix<sup>®</sup> offers you **high-quality Smart Home Solutions**, seamless integration of **high-end components** & standards for intelligent living, and **fascinating comfort solutions**.

### Your special advantages:

- ✓ **exclusive** premium living comfort
- ✓ **environmentally friendly** energy efficiency
- ✓ **perfect interplay** of design, architecture and function





## Smart Hotel & Automation for the hospitality industry

Enrich your **hotel image & your external impact with impressive comfort worlds.**

Musical sound systems for the restaurant & lobby as well as fresh air supply for rooms and common areas **facilitate hotel management** and ensure a **competitive branding**.

Temperature, air quality, lighting or shading can also be **set perfectly** using the touchscreen and controlled down to the smallest detail using sensors.

With **smart clusters & high-performance systems** for property management etc. we enable full control over all levels of building management systems.

## Your practical benefit

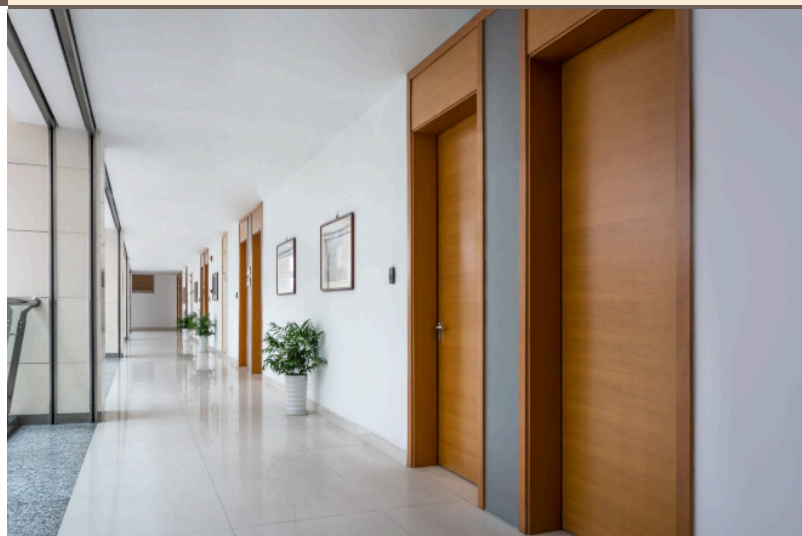
- ✓ **environmentally friendly** energy management
- ✓ **high-performance** security systems
- ✓ **compact**, customizable IoT solutions

## Smart office & smart enterprise solutions

Provide **ideal working conditions** in offices, Administration buildings, public facilities etc.

Perfectly tempered rooms and self-regulating lighting are just **a few of the many examples** with which you can **quickly optimize building management**.

Here, **intelligent smart cluster** solutions not only help to create a **productive atmosphere**. They also avoid wasting energy and ensure maximum **building security**.



Not only your employees benefit, clients & partners also get a **professionally rounded picture** of your company.

### Your direct benefits:

- ✓ highest **energy efficiency**
- ✓ Increase of productivity
- ✓ **environmentally friendly** building management



### Smart building for event locations & meeting points

Impress with **functional variety**, smooth processes & **perfect room ambience**.

Whether "Innovation Hub", "Creativity Lab", "Incubator" or "Social Sphere" - with **transparent interfaces, software & technology** you demonstrate the highest **communication standards** and **innovative strength**.

Advantages with an end in themselves that have an impact far beyond the specific situation: a **coordinated and harmoniously designed overall architecture** guarantees a special room atmosphere with comfortable functionality.

Smart buildings are also mandatory in the **event area** in order to successfully organize events with **safe conditions** and **special requirements**.

### Your added value:

- ✓ **intelligent** Microsysteme
- ✓ **economical** building management
- ✓ **intuitive usability & control**

## Our portfolio of smart technologies & services

We accompany you **through all 3 levels of building automation** - and beyond. Because the selection of automation systems is large. Our specialists will help you to gain clarity with profound knowledge and to use your specific **possibilities and options** successfully.

## Smart building automation with intelligent networks

Basically, **building automation systems are divided into 3 levels**, which all support and influence each other.

1. The **field level** is responsible for the **operation** of the technical devices. Data traffic works via so-called **field devices**: sensors (motion detectors, thermometers) receive information and send it to the actuators. Actuators convert the data obtained into **switching signals**, for example to adapt the lighting or ventilation.
2. The building systems are **controlled** and **regulated** at the **automation level**. Control takes place on the basis of the data supplied by the **field level**. However, the **management level** is also necessary for building control in order to act safely and confidently.
3. The **management level** enables the **operation** and monitoring of processes, but also **alarms** reliably and rapidly in the event of faults. So that all data can converge and be analyzed here, sophisticated **algorithms** are required that communicate and react **across systems**.

This is exactly where our experts come in! We not only work with **all common and specific standards** such as KNX, Zigbee, MQTT sensor networks, RESTful adapters and infrastructure repositories. We also develop **specific applications & IoT solutions** that ensure full **autonomy & transparency**.

*Connected Intelligence  
– the new comfort standard in building automation*

## Professional Smart Building Automation & System Integration

bintellix<sup>®</sup> – Your reliable solution partner for automation software

Our specialists for **building automation & smart building** engineering accompany you from the idea to the implementation, application and adaptation of IoT solutions **according to your individual requirements & ideas**.

Even after successful implementation and familiarization, we are still there for you and your employees.

Further fields of application for connected intelligence:

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**INTERSECURITY**