



# Revolutionize Your Building's Efficiency and Sustainability







## Intelligent **Building Automation**

- Lowering costs and CO2 emissions
- Operational safety
- Intelligent automation strategies
- Increased property value



## Versatile **Investors & Verticals**

- Renovations & new constructions
- Public & private facilities
- Production, healthcare, education, retail, office, ...



## Integrated **Building Management System**

- Cross domain transparency
- Overcoming skilled labor shortage
- Monitoring: Technical (TMon) and Energy (EMon)
- Alarm & event management
- Encrypted communication



## Comprehensive **Field Devices**

- Displays and room terminals
- Various sensors
- Actuators

# One hand solution for building automation

- Planning (BIM objects)
- Engineering
- Commissioning
- Operation
- Service and Maintenance
- Training
- Consulting

## Improving HVAC utilities and beyond

### New constructions

- Holistic building automation applications
- HVAC integration of fire and safety solutions

### Renovations

- Non-invasive increase of efficiency

### Public buildings

- Raise fundings
- Proof of sustainability

### Private real estates

- Operational safety
- Brand image
- Efficient usage of waste energy





# Verticals



Production facilities



Office



Government / public



Retail



Education



Healthcare



Hotel



Sport facilities



Residential



Transportation



Data Centre



Warehouse

## Compliant with relevant directives, e.g.:

### European Performance of Buildings Directive:

*EU 2018/844*

### ISO Certificate:

*ISO 50001, ISO 45001, ISO 27001, 14001, ISO 9001*

### Building Automation:

*VDI 3814, DIN EN ISO 16484*

### Visualization:

*DIN 19227, 1946 and DIN EN 16798*

### Decreasing costs & emissions

- Rapid return on invests
- Increased property value

### Added Values

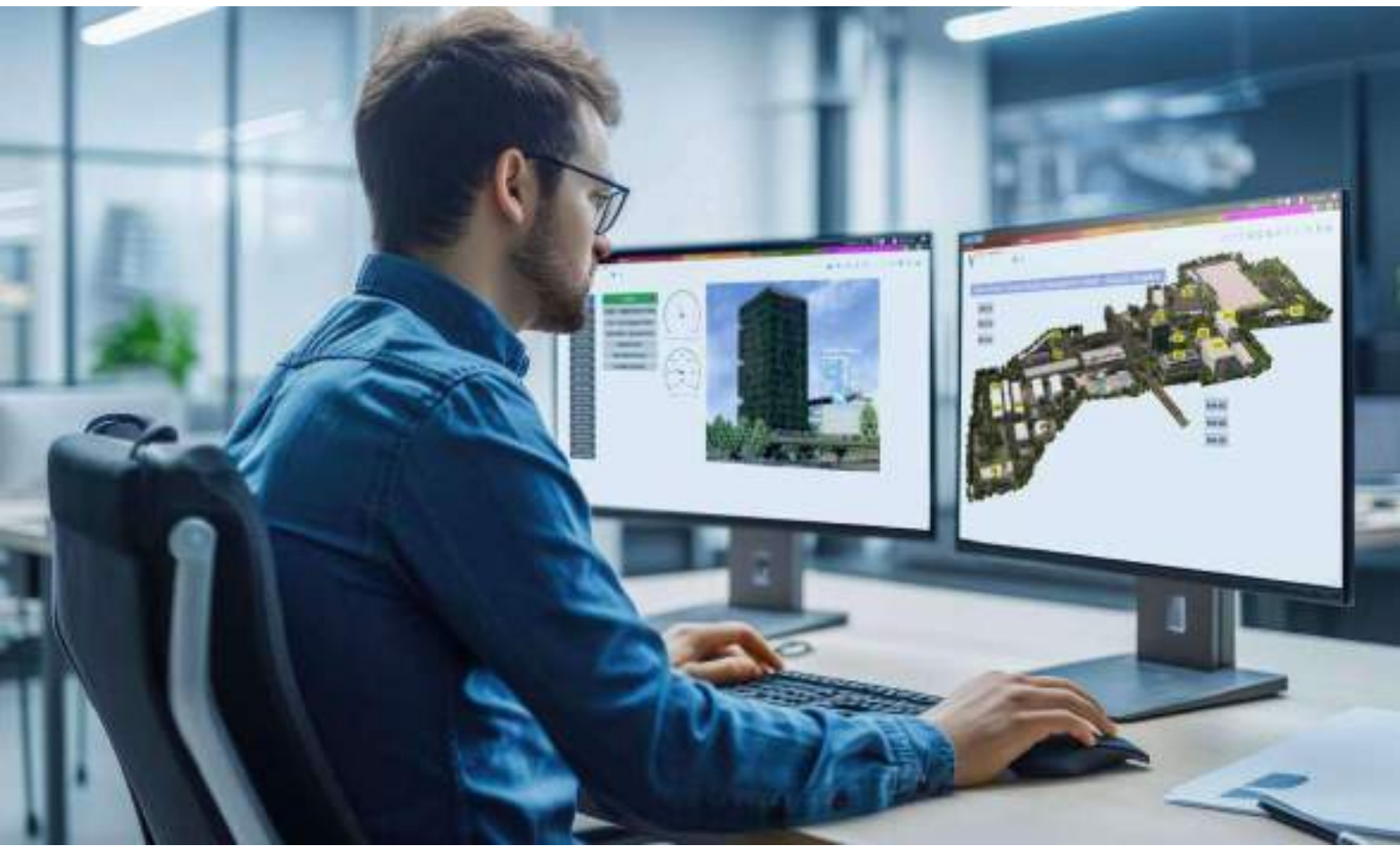
- Comprehensive presence in Germany, domain experience since 1978
- International integrator network
- Consistent software maintenance
- Various system certifications, e.g. BACnet/SC
- Excellent network security experience

# Outstanding solutions

The outstanding features of the DIGICONTROL portfolio are spread between management software and embedded hardware, based on **native BACnet implementation**.

The central software **BMS**, WEBVISION 5, provides extensive **monitoring**, both TMon (technical) and EMon (energy). Individual KPIs are visualized within flexible dashboards. Alert management is enriched with action plans and message forwarding. Visualizations can be realized in wide ranges, for HVAC primary plants, security applications incl. maintenance runs, documentation and many more. Personnel requirements can be reduced due to automatic user address translations. IT security is provided by sophisticated user authentication.

The ems **DDC** product family provides **decentral BMS** functionality for up to twenty DDCs based on its graphical **WebUI** including alarming, visualizations and extensive trends. The local historization can cover up 2550 data points to cover a period of more then half a year. The dual ethernet provides segmented networks as well as redundancy via RTSP. Various building automation interfaces are integrated and extendable, 45 different I/O extension modules are available for specific functions. Commissioning documentation and program documentation improve significantly the quality of the project result.





To learn more about how Building Automation from Bosch integration partners can revolutionize your building's performance, increase its value, and ensure regulatory compliance, contact us today!

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**Global References:**

**Buildings: Public, Commercial,  
Business, Industries,  
Hotels, Hospitals, etc.**

***Ljubljana***

**<https://lisscom.ro/proiectlublijana.html>**

**<https://www.homeofbosch.com/en/projects/a-new-rexroth-site/>**

***Cluj – Napoca: Data Center - Smart City***

**<https://lisscom.ro/proiecttermoficarenapoca.html>**

Download the digital version and dive deeply into technical details :

