



Industrial building automation and management

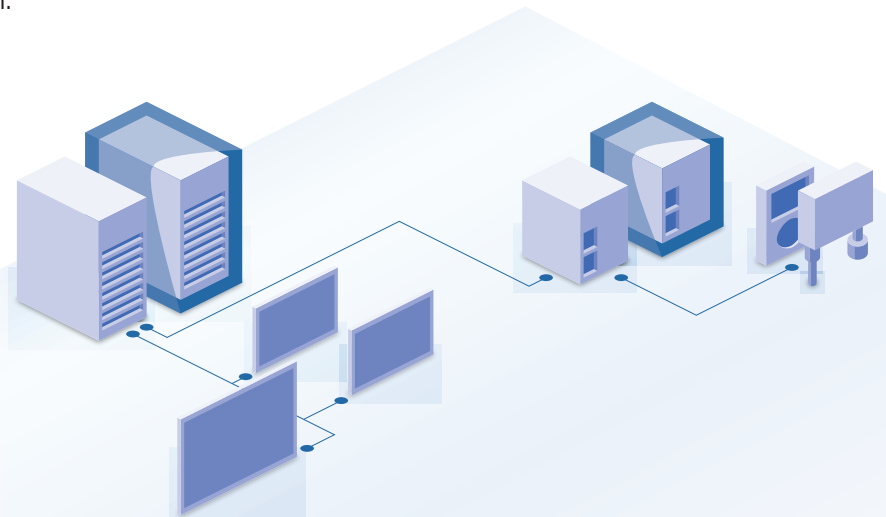
Based on professional consulting and implementation expertise, RETEL can provide you with comprehensive and competent support in all disciplines of industrial building technology (BT). From building management systems to field devices, RETEL relies on proven yet innovative products.

With RETEL, you can implement the following business cases in precise accordance with your needs:

- Scalable building automation from individual trades / disciplines to fully integrated management systems.
- Optimal indoor climate conditions for your production facilities thanks to automation of HVAC and infrastructure systems.
- Energy-optimised control and regulation of infrastructure (heating, ventilation, air conditioning and cooling systems).
- Increased plant / system availability through the possibly to make changes in real time.
- Laying the foundation for digitalisation through central networking and data acquisition.
- Implementation of control and management system(s) based on widely used industry standards, such as BACNet, MP Bus, Modbus, etc. (resulting in high investment protection).
- Option to analyse and compare data from different time periods.
- Plant / system networking and integration into the customers OT / IT infrastructure (industrial IT).
- Simple, cost-effective maintenance due to efficient remote maintenance.

Abbreviations

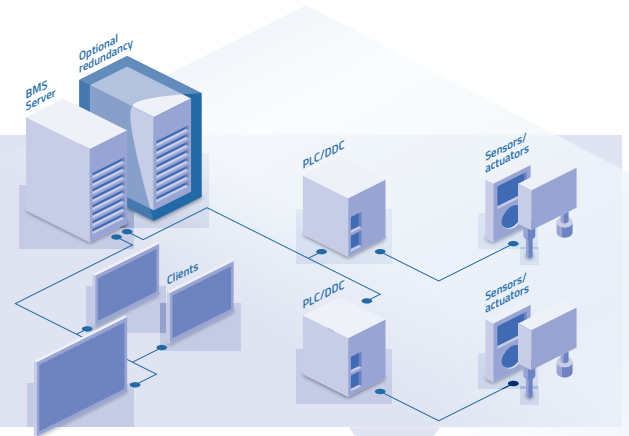
BT	Building Technology
DDC	DirectDigitalControl
BMS	Building Management System
HVAC	Heating, Ventilation, Air Conditioning
IT	Information Technology
OT	Operational Technology
SGA	Switchgear Assembly



Define the right platform according to the project size and automation requirements:

Factors in choosing the right system

- Scalability / number of trades or disciplines
- Digitalisation requirements
- Need for optimisation during the system life cycle, e.g. through central alarm management / local independence
- Cross-trade / interdisciplinary evaluation options
- Standardisation / customisation



Individual trades / disciplines	Product	Building management systems
	Control / operating level	
	DESIGO CC	×
	DESIGO CC Compact	×
×	DESIGO Control Point	
×	AVEVA IWS web studio	×
	PLC level	
×	DESIGO PX / TX	×
×	Siemens SPS (S7-300/1500)	×
×	WAGO	×
×	Saia / Honeywell	×



Due to our many years of experience in building automation, we know the automation requirements and offer innovative and robust controls for challenging fields of application.

RETEL offers you ...

- Consulting, concept development, support in selecting the right system (automation concept)
- Engineering and implementation planning
- Realisation of hardware and software
- Delivery of SGAs and field devices
- Commissioning
- CE documentation / ATEX-compliant design and verification
- Integration into OT / IT landscapes
- Integration of third-party systems / package units
- Service, maintenance and troubleshooting throughout the system(s) entire life cycle