Smart Buildings
Intelligently Networked into the Future

Intelligent buildings are characterized by the fact that all components automatically interface, ensuring that technologies are used efficiently. Public institutions such as hospitals, schools, administrations, museums, or public properties often have high energy-saving potential, especially when it comes to renovating building structures. An Energy Data Management System helps operators to identify and achieve potential savings.

When planning properties such as airports, office buildings, hotels, or railway stations, it makes sense to incorporate software during the design phase. This way, we can construct buildings that are sustainable, efficient, and smart. The zenon software platform enables the efficient control of elevators, HVAC systems, lighting, water, and energy. This helps to conserve resources and reduce costs.

PEOPLE/TRAFFIC FLOW MANAGEMENT
▸ Visitor flow management
▸ Entry regulation
▸ Traffic flow management
▸ Parking lot management

LIGHT MANAGEMENT
▸ Automatic lighting system control
▸ Roller shutters/dimming
▸ Control external blinds
▸ Solar shading automation

HEATING AND COOLING
▸ Control of air conditioning and heating
▸ Emission measurement and temperature adjustment
▸ Control of ventilation systems

BUILDING MANAGEMENT
▸ Central building management
▸ Access control
▸ Central alarm administration

MAINTENANCE AND SERVICING
▸ Alarm messages in real time
▸ Automatic fault notification
▸ Documentation of events
▸ Mobile access to all data

PROCESS CONTROL
▸ Digitalization of workflows
▸ Generation of reports
▸ Paperless documentation and logging
▸ Processing of checklists

By setting parameters instead of programming, zenon makes it possible to easily implement complex projects. All required properties and functionalities can be planned within a short time. The web server and cloud connection make the application accessible at any time and from any location. Integrated security technologies provide protection against external cyber attacks.