Cesit Ingegneria S.P.A.
www.cesit.net

Special Systems

Building Automation

Sustainable smart buildings for the smart cities of the future: energy-efficiency, sustainability, environmental comfort and security are key considerations in the design and construction of modern buildings.
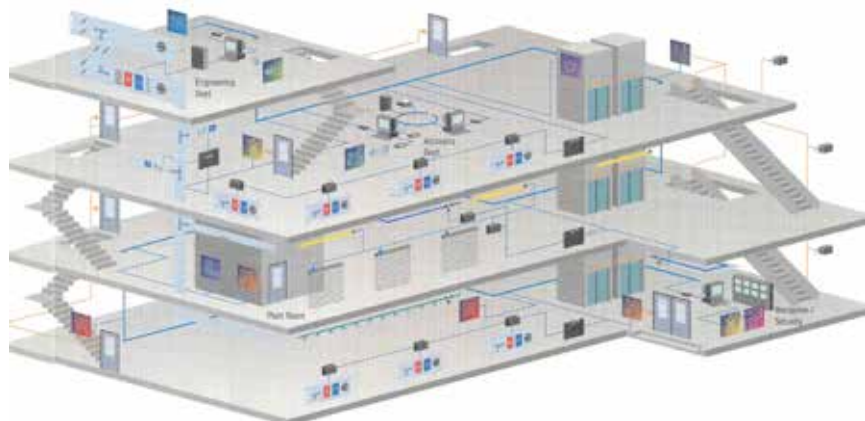
The Company's team of system integrators is made up of engineers and technicians specialising in building automation, who offer different skill-sets which are then coordinated and combined into an integrated whole.

Cesit Ingegneria S.P.A. produces solutions that give the entire technological infrastructure of a building characteristics and functional performance that ensure the highest levels of well-being, energy optimisation, automation and control: from the simple temperature control of a single room to the web-based, integrated management of every system in a complex building.

Control and management

- Electrical systems
- HVAC
- Anti-intrusion
- CCTV
- Fire detection
- Lighting
- Access control
- Distribution of audio and video content

Applications

- Administrative buildings, conference rooms, offices
- Shopping centres
- Multi-screen cinemas
- Showrooms
- Hotels
- Health facilities
- Sports and leisure centres
- Industrial sheds used for production and storage
- Supervision systems for power generation plants
- Projects and custom solutions designed to Customer specifications

I.B.T. Integrated Building Technology

Cesit Ingegneria S.P.A.'s Building Automation division offers integrated building management, through a set of intelligently integrated systems. Comfort systems such as heating and air conditioning can co-exist with electrical device and lighting management systems, safety and security systems for people and property, such as fire detection systems, CCTV monitoring systems and access control systems, not to mention systems for the transmission of multimedia audio and video content.

Benefits

- A single operator interface for all the systems controlled
- Device error indication and self-diagnosis
- Management and monitoring of technological assets:
Asset Management Systems
- Energy consumption monitoring: Energy Management Systems
- Web connectivity for remote control
- Reduction in the number of manual routine and reactive maintenance operations thanks to local or remote system management
- Calculation of the key indicators of the service level offered:
Service Level Management
- Real-time publication of dashboards and periodic reports

Interoperable products
for open systems

The architecture of the building automation systems offered by Cesit Ingegneria S.P.A., from field level to supervision level, uses open communication protocols that comply with international standards, thus enabling the use of devices from different manufacturers with a single supervision and control software.