

Building management

Application: commercial and industrial buildings

Control and monitor HVAC, lighting, security systems, and energy consumption

“ I want to reduce capital expenditures and operating costs, while making my building safer, more comfortable, and more energy efficient. My ideal building management solution would be user-friendly and web-accessible, providing access to the different building systems from a single user interface. ”

Adopt an intelligent building management system

Our intelligent building management systems (iBMS) deliver reliable and efficient building management and significant energy savings. Built on open, standards-based technology, our iBMS facilitate the integration of building systems into a single network, with easy management from a single software platform—even across multi-site organizations.

A single local or web-based user interface provides a complete view of all systems, including heating, ventilation, air conditioning, lighting, energy consumption, access control, video surveillance, intrusion, fire and smoke detection, electrical distribution, power quality, and monitoring.

We offer various intelligent building management systems and products, including TAC Vista, Satchwell and Andover Continuum.

Our iBMS solutions enable significant energy efficiency through:

- Schedule-based heating, ventilation, cooling, and lighting control
- Occupancy-based environmental controls
- Customizable energy reports and analysis
- Advanced alarm management
- Night setback, night ventilation purge
- Optimal start/stop
- Chiller/boiler plant optimization
- Heating/cooling equipment lockout
- Supply air temperature reset
- Variable Air Volume (VAV) pressure and flow control
- Outside air reduction
- Economizer control
- Electrical demand limits
- Domestic hot water control

Solution

Benefits



For the user

Improve your building and business performance up to **30%** by:

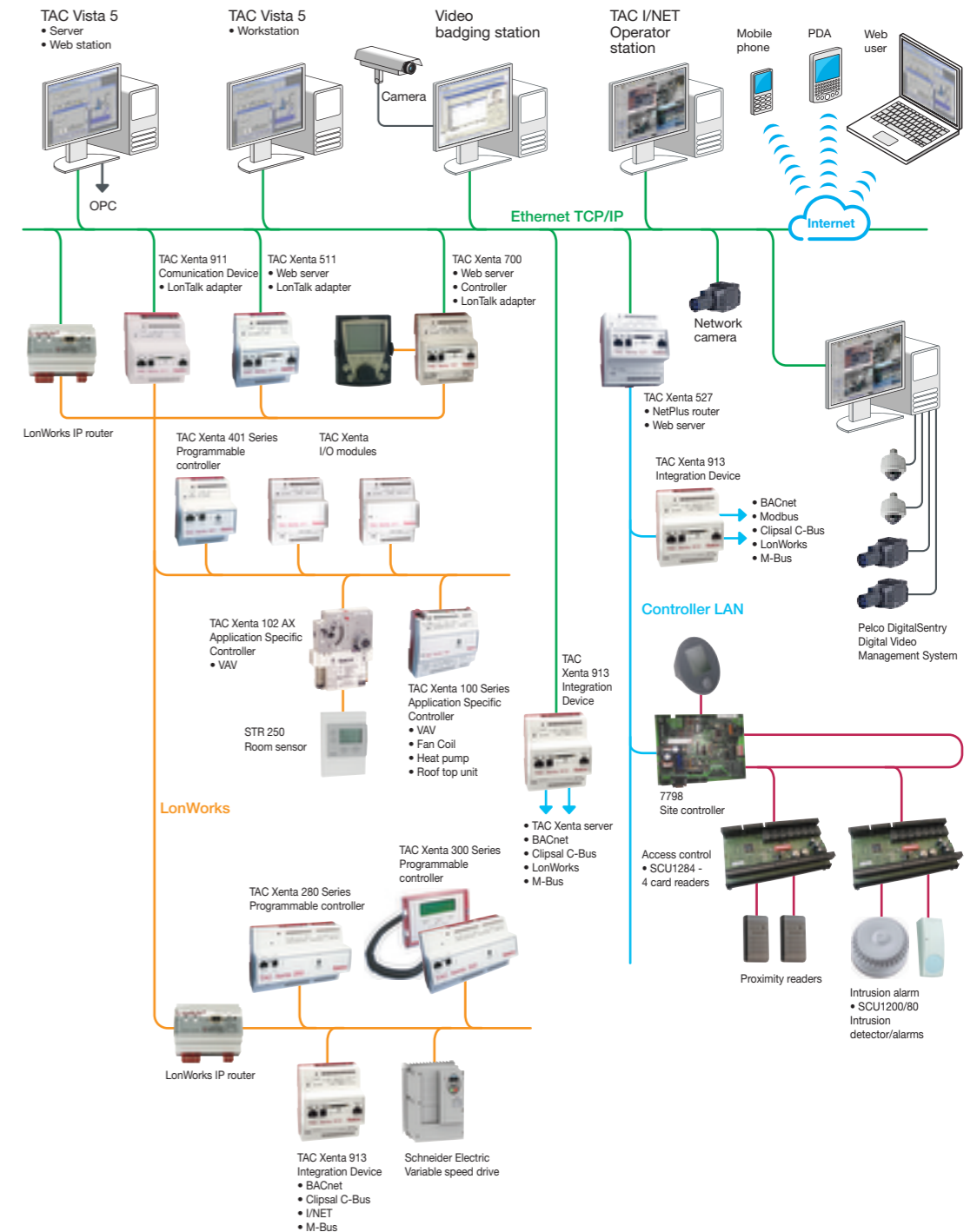
- > Lowering energy costs and carbon emissions
- > Eliminating unnecessary complexity by using a single software platform for all building controls
- > Cutting training, service, maintenance, and administration costs
- > Slashing capital expenditures by as much as 25%
- > Reducing ongoing operating costs by as much as 36%



+ Lower installation and ongoing operating costs

+ Streamlined operation, training, administration, maintenance, and service

- Measure
- Reduce energy consumption
- Reduce energy costs



Our iBMS such as **TAC Vista, Satchwell and Andover Continuum** offer the most open, scalable and IT-friendly building management system in the industry with

unique support for open protocols & interfaces:

- LON®, BACnet®, Modbus® OPC, ODBC
- Ethernet, TCP/IP
- SQL databases for an Open Database architecture

- ZigBee-ready wireless solution
- SNMP, LDAP, TGML graphics/XML