

Building Automation Systems Installation & Integration Services

FOUR DECADES IN BUILDING AUTOMATION, A SCHNEIDER ELECTRIC™ MASTER ECOXPERT, AND A LEADING AUTHORITY ON LEGACY SYSTEMS

CM3 Building Solutions has been installing and integrating Building Automation Systems in the tristate area for 40 years.

Originally an Invensys branch office, we are the region's leading expert on building automation systems.

Our team provides complete installation and integration services:

- » Design and installation of building automation systems - Schneider Electric and Niagara
- » Maintenance support for current and most legacy systems
- » Integration with other building systems

PARTNERSHIP YOU CAN RELY ON

We are committed to building long-term relationships. Our focus on collaboration, coordination, and communication with all stakeholders simplifies the construction process – whether the project is new construction or a renovation.

Installation: Building Automation Systems, Controllers, Sensors, Actuators, Damper, Valves, Network Infrastructure, Thermostats, etc.

Calibration: Air Balancing, Sensor Calibration, Thermostat Calibration, etc.

Startup: Programming, Networking, Commissioning, Input/Output Confirmation

End User: Training, Customized Graphics and Interfaces

Ongoing: HVAC Maintenance, Retro-Commissioning

FROM
Single Heating and
Ventilation Units

TO
Complex
Multi-Structure
Campuses

CONSTRUCTION & PROJECT EXPERIENCE

New Construction

Our Engineering team is adept at working with mechanical contractors, general contractors, architectural organizations, and property owners from planning stage through project closeout.

We have trusted, established relationships throughout these communities, and we are known for going above and beyond to get the job done.

Existing Systems

Our technical team is highly proficient and experienced in many vendor protocols, delivering exceptional system interoperability.

We leverage as much of your existing infrastructure as possible to engineer the most efficient migration solution.

INTEGRATION SERVICES

CM3 combines building automation expertise with a sound understanding of today's facility requirements to provide customers with a fully integrated and centralized operational-control system.

- » Building Automation Controls
- » HVAC Equipment
- » Energy Management
- » Garage Exhaust Ventilation Systems
- » Smoke Evacuation Systems
- » Lighting Control
- » Blind and Window Controls
- » Wireless Thermostat
- » Elevator Controls
- » Real-time Location Systems (RTLS)
- » Solar Power Systems
- » UPS Systems

EXPERTISE ACROSS PRODUCT LINES



Honeywell



SIEMENS



Automated
Logic



BELIMO



invensys



Robertshaw

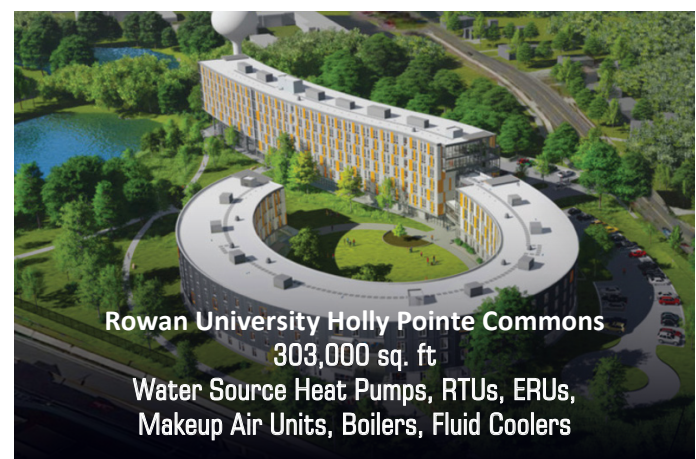


t.a.c.

TRIDIUM

VERIS
INDUSTRIES

PROJECT SPOTLIGHTS



RENOWN CUSTOMERS

- » The City of Philadelphia
- » Pennsylvania Hospital
- » State of New Jersey
- » JP Morgan Chase
- » Philadelphia International Airport
- » Wistar Institute
- » Moorestown School District
- » SEPTA
- » Inspira Health Network/Cooper

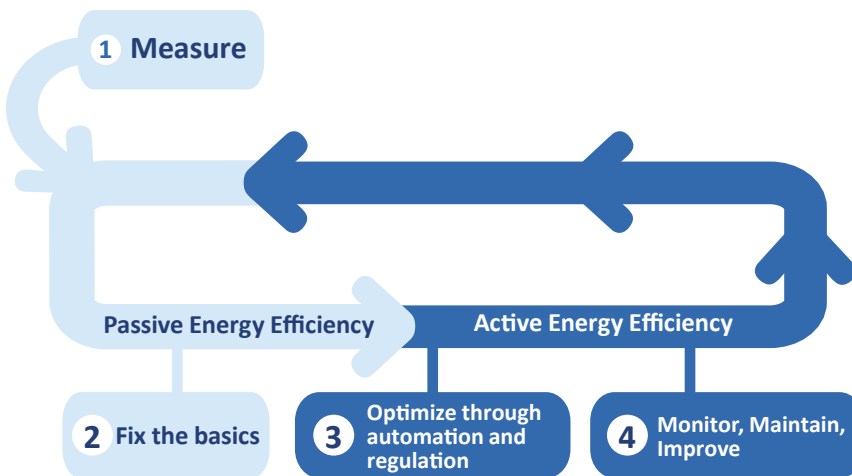
BENEFITS OF BUILDING AUTOMATION

The demand for energy efficiency in commercial and industrial buildings has never been greater. And, cost control practices are essential in all stages of construction, as well as in daily operation. That's where a modern Building Automation System (BAS) comes in.

With a modern BAS in place, organizations can achieve reduction in energy costs through systematic energy monitoring and real-time control of all energy usage. Energy waste in all forms – from electricity and water to mechanical and human – can be measured and mitigated.



Beyond installing low-consumption lighting, which is passive energy efficiency, a modern building automation system delivers active energy management which generates savings up to 20%.



Lower Energy Costs

Automatically adjust temperature, shades, and lighting based on time of day and occupancy, thereby making buildings more energy-efficient.

More Efficient Operations

Automate building systems to reduce human error, reduce risk of failure, and extend equipment lifecycles.

Improved Occupant Experience

Automate lighting, ventilation, and temperature based on occupancy to increase occupant productivity and enhance building value.

COMMON BAS INTEGRATIONS

With a modern BAS in place, organizations gain a system-wide approach to energy management. Its scalability allows facilities – regardless of size and configuration – to move seamlessly into energy efficiency and control.



Smart controllers manage heating and air conditioning. This creates a comfortable, programmable environment for each room.



Occupancy sensors allow lights and HVAC to turn on and off automatically based on actual use.



Lighting controls can be added at the individual room level with customized programmable schedules to enable energy efficiency.



Window and door sensors can adjust temperature settings automatically.



CO2 sensors monitor and control air-quality.



Security and life safety systems automate alarm notifications for rapid response.