



# BUILDING AUTOMATION SYSTEMS

**THE BEST WAY  
TO LOWER YOUR  
BUILDINGS  
ENERGY COST**



Building Automation Systems (BAS) systems can control chillers, access controls, boilers, energy management, air handling units, rooftop units, fan coil units, heat pump units, variable air volume boxes, security systems, plumbing and water monitoring, card and keypad access, and fire alarm systems.

## WHY CHOOSE ES2

Our employees boast well-rounded skills and diverse backgrounds of knowledge that they bring to every job they take on a job. We are quick to jobs and flexible to adapt to any challenges a job might present. We have our own dedicated electrical team. With on staff electricians and installers. We have longevity in our retention with our technicians, which is uncommon in controls.

## WHY INSTALL A BUILDING AUTOMATION SYSTEMS?

There are a number of benefits that having a building automation system provides, such as lower utility costs, energy savings, maintaining measured comfort, simplifying building operations, helping with the health of occupants, increasing employee productivity, and reducing maintenance costs. Having a building automation system installed allows the end-user (you, the building owner) to easily monitor an interface that allows you to adjust control settings, detect performance issues, and maintain a consistent view of your overall energy output. A study by the U.S. Energy Information Administration found that the top four individual sources of energy usage were lighting, refrigeration, ventilation, and cooling. All four of these energy sources can be effectively controlled by a building automation system.

## OUR SERVICES

### CONTROLS

- Customer Training (in the field)
- Custom Building Automation System Controls
- Energy Reporting
- Graphical Displays
- Lighting and Access Controls
- Sequence Checks
- Ability to Integrate Third-party Controls

### ELECTRICAL

- On Staff Journeyman Electrician
- Electrical Installs Retrofit & New Construction
- Logistics: In-house Control Panel Production
- Replacing Fiber
- Replacing Motors
- Replacing Network Cabling
- Replacing VFDs
- Structured Cabling
- Turn Key BAS Installation

### SERVICE

- Troubleshooting Control Systems
- Quick Response to Customer Issues