

the **green**  
scene

**ERIKS**

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BUILDING AUTOMATION

**delivering energy-saving products & solutions**

Actuators • Boiler Optimization Control • Building Management Systems  
Combustion Controls • Combustion Valves • Flame Safeguard  
Flame Sensors • Flow & Level Control • Gas Detection (Fixed & Portable)  
Gas Regulators • Gauges - Temperature, Humidity, Pressure  
Pneumatic & Electric Controls • Power Monitoring Solutions • Power Sub Meters  
Relays & Current Transducers • Switches - Temperature, Humidity, Pressure  
Temperature & Humidity Sensors/Controls • Thermal Mass Flow Meters  
Valves • Variable Frequency Drives (VFDs)



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visit us online at [www.industrialcontrolsonline.com](http://www.industrialcontrolsonline.com)

**energy  
solutions**

for every part of **your building**

### Control Valves & Actuators

- Measure energy
- Control Power
- Manage  $\Delta T$



### Building Automation Systems

- Honeywell Webs N4
- Honeywell Web-8000 controller



niagara<sup>4</sup> TRIDIUM

One control system for complete, simplified building management and monitoring



### Air Side Economizer Controls

- Satisfies ventilation and cooling needs
- Minimize energy costs
- Demand control ventilation (DCV) capability



### Power Sub Meters

- Performance Monitoring – Measure energy usage before and after implementing an energy savings plan
- Monitoring Main Circuits/Panels – Determine where energy is being consumed
- Tenant Sub Metering – Track tenant energy consumption for billing purposes



### VFDs

- Energy Savings as high as 88%
- ROI from 6 months to 3 years
- Compressors, pumps, fans, chiller, cooling towers, rooftop units & much more



### Temperature, Humidity, & Pressure Controls

- Outdoor reset
- Real Time Clock
- DVC [Demand Ventilation Control]
- CO2 Monitoring
- Accurate, Programmable



### Flow Metering and Control

- Measure usage of natural gas, chilled water, hot water, steam and many other sources
- Identify areas to save energy for HVAC, irrigation, water and wastewater systems
- Used for tenant sub-metering, BTU calculations and energy metering
- Ideal for regulatory reporting and recording



### Boiler Optimization Controls

- 10-25% Energy Cost Savings
- Less boiler run time while maintaining heating needs
- Runs the boiler more efficiently, safer & reliable



### Gas Detection

- Parking Garages – Gas monitoring (CO2) with DCV and fan control
- Mechanical Rooms (Boilers/Chillers) – Gas and refrigerant monitoring
- Variable Occupancy Rooms [office space] – IAQ control

