

Data Acquisition Systems • Custom Control Panels • Networked Systems

How can we help you?

Industrial Controls offers complete engineering services for a broad range of process control applications. From economic justification to installation supervision, we will help you attain productivity and quality improvement.

Concept

- Technical Alternatives
- Economic Justification
- Technical Feasibility
- Spec. Development
- Contractor Liasion
- Technical Proposals

Design

- Project Engineering
- Equipment Selection
- Regulatory Compliance
- CAD Diagrams
- Wiring Diagrams
- Fuel Train Design
- Panel Design

Engineer

- Control Programming
- Operator & Graphic Interface Development
- Material Procurement
- Panel Construction
- Quality Verification

Commission

- System Simulation
- Calibration
- Panel Checkout
- On-site Quality Verification
- As-Built Drawings
- Installation Supervision

Support

- Training
- Technical Support
- Repair Parts Support
- System Expansion & Enhancements

What is your process control application?

The staff of Industrial Controls consists of seasoned professionals that are experienced in a wide variety of process control applications. From the simplest control loop to complex facility integration, we take great pride in working closely with our customers to make sure that our solutions function as intended and are delivered when promised.

- Combustion Analysis & Control
- Flame Safeguard Control
- Steam Control & Measurement
- Process Compliance Monitoring
- Incineration Controls
- Statistical Process/Quality Control
- Process Cooling Systems
- Continuous & Batch Processes
- Temperature & Humidity Control
- Boiler & Oven Controls
- Liquid Level Control
- Fluid Handling
- CIP Controls
- Draft Controls
- Heat Treating
- Foundry Casting Processes
- Coatings & Furnace Ovens
- Freeze Dryer Controls
- Commercial Baking
- Pulp & Paper
- Food Processing Controls

What types of controls do you use?

To accomodate the diversity of applications and preferences, Industrial Controls has developed controls solutions involving most major hardware and software platforms available today. Our broad knowledge base allows us to integrate systems with products best suited to each application. Products and lines include:

- Loop Controllers
- Programmable Logic Controllers
- Chart Recorders
- Temperature, Humidity, & Pressure Transmitters
- Control Valves & Actuators
- Custom Control Panel Design & Fabrication
- Systems Integration of Major Hardware Platforms
- Network Design & Implementation
- Plant Management Solutions
- Remote Programming & Monitoring
- Custom Operator Interfaces
- HMI Software Support for Major Offerings from Rockwell, Wonderware, Honeywell & RedLion

Reduced operating costs • Improved quality & productivity

Hospitals, Colleges & Universities

We understand that patient, student and faculty comfort as well as reducing energy costs are very important. We have a proven track record of helping hospitals, colleges and universities meet their goals with everything from building automation systems to field device upgrades to upgrading boiler control systems.

Foundries & Heat Treating

We specialize in industries which rely on state-of-the-art combustion controls technology. Heat treating, melting, forging, smelting, casting, holding, drying, and hardening processes all require careful attention to both system safety and accurate temperature control.

Food Processing & Baking

Obtaining premium product quality, while improving yields and complying with FDA regulations, calls for precise monitoring and control. By working closely with our customers and employing advanced control technology, we help them turn out products that consistently meet exacting specifications, while reducing waste and boosting throughput.

Automation Projects Improve Quality, Productivity and Profitability

- **Highly accurate temperature, humidity and airflow control** reduces energy costs and product waste, while producing a superior product.
- **Automated recipe archival and execution** maintain product consistency, simplifies changes and reduces operator intervention.
- **Realtime centralized monitoring and control** optimizes process supervision and coordination activities.
- **Web enabled monitoring and automated paging capabilities** provide remote access and alarm notifications.
- **Automated alarm processing** speeds problem recognition and reduces downtime.
- **Historical data provides batch histories** for customer and regulatory compliance documentation.
- **Imbedded control philosophies** maintain product consistency and improve access safety.



**Contact our Milwaukee
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assistance!**

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