

Industrial Automation Systems Integration

Industrial Electrical

Industries Served

Our breadth of experience spans almost every major industry:

- Automotive
- Batching/Process
- Building Automation
- Chemical/Petrochemical
- Communications
- Consumer Products
- Cranes/Monorails
- Food & Beverage
- Manufacturing
- Metals/Foundry
- Oil & Gas
- Packaging
- Pharmaceutical
- Pulp & Paper
- Robotics
- Semi-Conductors
- Textiles
- Water & Wastewater
- Wood Products



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We do the work, you OWN the product.



Applications

- PLC Programming and Control
- MES and SCADA Solutions
- Business Process Automation
- Energy Management Systems
- Web-based Information Systems
- Communication Technologies
- Advanced Troubleshooting
- Database Design and Development
- PC Control
- Fully Integrated Robotic Systems
- Control Panel Design and Fabrication
- Plant Floor IT Solutions
- Equipment Vendor Evaluations
- Safety Engineering
- Systems Startup and Commissioning

Have questions?
For more information or
a free consultation,
call Monte Howard
at 601-954-7127

Automation and
Information Solutions



Howard
ELECTRIC & CONTROLS, LLC

Industrial Automation - Electrical and Mechanical

It's not uncommon in today's atmosphere of technological diversity and specialization for a systems integration project to require a wide range of technical expertise and experience.



Howard Electric and Controls, LLC is most accurately described as an adaptable and dependable industrial automation and control systems integrator with decades of experience and a dedicated staff. While this does describe us, it does not define us. No project is below or above us and we welcome all customers, big and small. If it has electrons flowing through it, we can help you design, develop, and implement it. We do not stop at electrons, however. Our fabrication shop can create custom tools, parts, and equipment to your exact specifications and in line with your company's needs.

Though we specialize in Allen Bradley components and solutions, we have experience with products from a plethora of other manufacturers of industrial automation components. Utilizing the latest software and years of experience, our staff can tackle the grandest of problems and projects with relative ease. We will guide you through, from beginning to end, and leave you with peace of mind; you will know it was a job well done and a smart investment to have called Howard Electric.

Why choose Howard Electric and Controls?

Our Expertise: Our staff consists of expert engineers and technicians, some with decades of experience, which excel at providing proven solutions for any technical issues you may encounter.

Our Service: Our success has been due to leaving satisfied customers at each job when it is finished. Regardless of your specific technical difficulty or level of expertise, when you get Howard Electric involved there is no doubt that you will be serviced in a timely and professional manner.

Our Dedication: Whether you need a small, custom hand tool or a plant floor full of new, custom machines, Howard Electric has you covered from start to finish. Each customer is as important as the next, and your satisfaction is paramount.



With Howard Electric, you will get exactly what you asked for; furthermore, you will secure an entire team of experts who will continue to provide repair service and technical support in the years to come.

Our goal is to give you the most effective solution at a competitive price, which equals value.



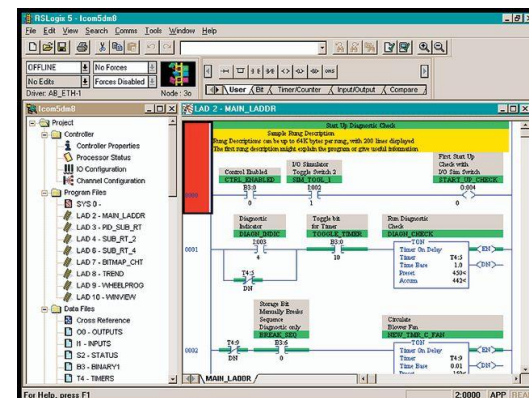
Control Systems

We can provide a complete design-build solution or any subset of the full range of services needed to take a customer from need identification to final solution. The set of services we offer is as follows:

- Survey and evaluate your needs
- Provide a defining study
- Develop and propose a solution concept
- Design the control systems strategy
- Perform the detail engineering
- Build the control system
- Perform pre-installation testing
- Perform installation
- Provide installation of the controls
- Perform installation testing
- Start up the control system
- Commission the system
- Validate the system
- Train the operators and plant personnel
- Maintain and support the system

Hardware and Software

- Allen Bradley PLC hardware
- Rockwell Automation Software
- RSView32
- RSLogix 500 & 5000
- ControlLogix
- Wonderware
- Intellution
- Custom Software Upon Request



Fabrication Capabilities

- Complete Machine shop
- Complete Welding Shop
- Complete Control Panel Fabrication Shop
- 4,200 sq. foot Panel Shop
- 18,000 sq. foot Assembly Shop
- Job-site and portable equipment
- Full complement of Electrical Construction Equipment for on-site work



Howard Electric and Controls, LLC



Mechanical Services

- Custom equipment design
- Equipment Manufacturing
- Installation/Startup
- Conveyors (Standard and Custom)
- Onsite and Offsite Fabrication



Control and Automation

- Machine Control
- HMI
- Process Control
- Packaging and Palletizing
- Motion Control
- Level and Flow Control
- Materials Handling
- Monitoring and Testing
- Alarm Annunciation
- Process Sequencing
- Loadout Automation
- HVAC Control
- Quality Control
- Statistical Process Control
- Wireless Communications
- Automatic Reporting

