

DESIGNING, BUILDING, PROGRAMMING AND TROUBLESHOOTING INDUSTRIAL CONTROL SYSTEMS SINCE 1994.



OUR EXPERIENCE

We have been in the automation systems business for more than fifteen years. Our customers have come from the automotive, aerospace, chemical, railroad, and paper printing industries, in facilities from Michigan to Oklahoma and from Canada to India.

OUR PRIORITIES

- Excellence and integrity
- Communication
- Quick turnaround

Call us at (517) 694-0294 to request a free quote for your application. For photos of our projects, please see our website:

www.rubeautomation.com

OUR SERVICES

DESIGN

- Complete assembly lines
- Conveyor control systems
- Test systems (*thermocouple, flow, pressure, vacuum, noise, vibration*)
- Process control
- Safety systems

FABRICATION

- Electrical panels for control systems
- Single station machines

PROGRAMMING

- PLC programming (Allen-Bradley, Siemens, Omron, other vendors)
- HMI programming
- Data acquisition and logging
- PC-based test, control and measurement systems

Machine Modifications and Upgrades

We can expand, reprogram, reconfigure, or repair your existing automation and test systems. We offer support for a wide range of legacy systems.

OUR CAPABILITIES

HARDWARE INTEGRATION

- PLC communications and handshaking
- Industrial networks
- Embedded systems
- Machine vision

SOFTWARE

- AutoCAD 3D
- PLC/HMI programming, configuration and diagnostics
- Visual Studio, C, C++, MySQL, Beckhoff TwinCAT
- In-house solutions for end-to-end data tracking for individual parts on a complete assembly line

ONSITE ASSEMBLY

- 2,400 sq. ft facility

Mechanical system design

For design and validation of mechanical systems, we can work with your engineering department, or we can convey your project requirements to our trusted suppliers. We can arrange for P.E. approvals.

