

A photograph showing several technicians in blue work jackets and white hard hats working in a control room. They are looking at a large panel of PLC components. The image is overlaid with a blue gradient.

Reliable, Local PLC Services

ALL Brands, ALL Industries

- **Is your PLC vendor not meeting your needs?**
- **Is your process expanding or becoming more complex?**
- **Do you have an older or obsolete system and are ready to migrate to a newer platform?**

If any of these scenarios describe your situation, ECI's PLC Engineering Team can provide a variety of services for all leading PLC systems. Take a look at our capabilities; if you don't see what you need, please ask.

OUR PLC ENGINEERING CAPABILITIES

Site Walkdowns

Most situations require a site walkdown. Our team will gather information about your process and can create a network architecture diagram of all your PLC components and connected devices. That way we're on the same page, working with the same information.

FEED Studies & Design

We have the tools and the knowledge to determine the optimal design and layout for your process and can prepare a detailed proposal to address your needs. We can also provide project documentation, if desired.

Specify/Supply PLC Hardware & Software

We can be your single source for specifying and supplying leading equipment brands and software platforms, in addition to providing our PLC services.

Troubleshooting

Our team can provide onsite troubleshooting to determine and resolve issues with individual PLCs, or with networking between PLCs and other interfaces.

Migration/Upgrade Support

We have the knowledge and ability to help you transition from an older/obsolete PLC or system to a newer platform. We'll help you with every step of the process, including reverse engineering of the existing PLC logic.

PLC Configuration & Interfacing

We will complete all aspects of PLC software configuration and internal testing, ensuring that your newly installed systems are working properly and efficiently.

Panel Design & Fabrication

Our team has extensive experience sizing and designing panels to satisfy your specific process requirements. We have:

- A UL certified 9,000 sq ft panel shop
- A custom design and fabrication team of 20+
- Vast experience in design and fabrication of PLC enclosures/panels
- Over \$1M in panel inventory held in ECI's Operations Center

Onsite Support & Commissioning

We can provide device commissioning, loop checks, and other start-up support services to ensure that your PLC is operating smoothly and as planned.



Leading PLCs We Support

ECI supports a variety of PLCs from many industry leaders, such as Emerson and Allen-Bradley. Additionally, our team is trained in a number of PLC software platforms, including Studio 5000®, FactoryTalk®, and Wonderware®. And we're local!

Emerson

- PACSystems™ RX3i (CPE302, CPE305, CPE310, and CPE330)
- GE Legacy (90-30 and 90-70)



Allen-Bradley

- PLC-5
- SLC™ 500
- CompactLogix™ (5370, 5380, and 5480)
- MicroLogix™ (1000, 1100, 1200, 1400, and 1500)
- ControlLogix® (5580 and 5570)
- GuardLogix® SIS

Our PLC Team Is Always Available To Help

With our local team of experts, you'll never have to worry about finding help with your PLC systems. Our PLC engineers are located in both our Solon, Ohio and Lawrence, PA offices to best support your needs.



Founded in 1956, ECI specializes in providing best-in-class process control systems, automation products, pumps, and related solutions for manufacturing and industrial customers in the oil and gas, chemical, power, food and beverage, mining and metals, life sciences, pulp and paper, refining, petrochemical, OEM, and nuclear industries. In addition, ECI's experts and certified technicians provide reliability solutions, plant lifecycle services, process solutions, automation, and valve repair services for a wide variety of products. The company is proud to be your local Emerson Impact Partner serving Western Pennsylvania, West Virginia, Western Maryland, and Ohio.