



Emerson Impact Partner

PLC SERVICES

HIGH QUALITY PLC SERVICES AND SUPPORT ARE CRITICAL TO MAINTAINING OPERATIONS

From new system development and installation to lifecycle support and modernization projects, aligning with an experienced, local partner can elevate overall performance and help ensure complex or expanding operations run smoothly. From standalone PLCs to entire plant processes, ECI has the capabilities and experience to provide the support you need.

Reduce Downtime,
Improve Performance

PLC ENGINEERING EXPERTISE

Site Walkdowns

Site walkdowns often create the foundation of PLC design and solution development. Engaging with your team and reviewing your site enables ECI to gather information about your process and create a network architecture diagram of all your PLC components and connected devices.

FEED Studies & Design

Developing the optimal design and layout of a process requires thorough operational and process understanding. That, combined with our extensive product knowledge and implementation expertise, leads to an effective implementation plan with detailed proposals and documentation.

PLC Hardware & Software Specification

As your single source for the specification and service of PLC hardware and software platforms, ECI delivers comprehensive Emerson solutions and can operate as an extension of your team.

Troubleshooting

Onsite troubleshooting enables the identification and resolution of issues with individual PLCs, or with networking between PLCs and other interfaces. Experienced, local engineers knowledgeable in a range of PLCs can respond quickly.

Migration/Upgrade Support

The transition of an older or obsolete system to a new platform requires careful planning. Our team has the experience to successfully lead a migration project, including reverse engineering of the existing PLC logic.

Onsite Support & Commissioning

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



PLC Configuration & Interfacing

Complete PLC software configuration and internal testing ensures your systems are working efficiently. ECI's Proven Project Configuration Templates help reduce configuration time and testing. Expertise includes:

- Interfacing PLCs with other systems via OPC, Modbus, PROFINET, Ethernet, TCP/IP, RTU, BACnet and more
- Incorporating PLC integration with diverse SCADA/visual systems

Panel Design & Fabrication

The ECI Panel Shop, with dedicated space, inventory and trained technicians, has the experience to design panels to satisfy your specific process requirements.

- Panel drawings/loop sheets
- UL508A certified, 9,000 square-foot panel shop
- Custom design and fabrication team of more than 20 specialists
- Vast experience in design and fabrication of PLC enclosures/panels
- Factory acceptance testing/demonstrations
- Over \$1M in panel inventory in ECI's Operations Center

Supporting Leading PLCs

ECI specifies and supports a range of industry-leading Emerson PLC solutions. This PLC portfolio is focused on identifying a solution that will best meet your needs and budget. Local support can continue to grow and evolve with you to maintain your system throughout its lifecycle.

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- GE Legacy (90-30 and 90-70)
- PACSystems™ RX3i and RSTi-EP families
- PACSystems QuickPanel HMI

PLC Contract Agreements

ECI offers PLC Contract Agreements that provide dependable access to our local PLC engineering team, helping you minimize downtime and manage your systems proactively. PLC contracts are flexible, scalable and designed to support your current operation while planning for future needs. Contract offerings include:

- 24-hour call access with next working day onsite response
- Service bank hours to address troubleshooting, testing and configuration support
- Scheduled preventative maintenance to identify and address issues proactively

ECI's PLC experience covers a range of industries and applications.

INDUSTRIES

Chemical & Manufacturing
Food & Beverage
Water Treatment
Oil & Gas
Pulp & Paper
Packaging & Material Handling

APPLICATIONS

Coatings & Colorants
Drives
Boiler Systems
Skid Systems
Batch and Process Control Systems



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SALES AND INFORMATION

724-746-3700
or **www.ECI.us**

After Hours Emergency
Support: **800-569-6030**

IN TERRITORY EXPERTISE

Lawrence, PA
Columbus, OH
Lima, OH

Solon, OH
Dunbar, WV
Salem, WV