



Emerson Impact Partner

PANEL SHOP

AUTOMATION SOLUTIONS REQUIRE HIGH QUALITY, CUSTOM CONTROL CABINETS.

Control cabinets and electrical panels are pivotal to the solution's functionality. These cabinets are most effective when developed for a specific application. ECI is committed to delivering a complete service offering and seamlessly meets customers' needs through the ECI Panel Shop.

Custom Panel Development and Fabrication



The ECI Panel Shop develops and builds custom process control panels for a range of customers and applications. Our dedicated shop enables a highly efficient operation where customization is central to every project. An experienced technician is assigned to each customer order, ensuring accountability and careful consideration of every specification.

Delivering a Complete Solution

Our first panels were built as special projects for customers when we envisioned an opportunity to provide a complete solution. Customers appreciated the best-in-class products and local service available through ECI but needed an additional resource to provide the cabinets to house their control systems. The ECI team quickly implemented a more comprehensive approach that would eliminate that burden for the customer. Those special projects soon evolved into a formal product offering.

The ECI Panel Shop expanded and began to inventory parts. It established training programs for technicians and testing protocols for panels. More than 30 years later, the ECI Panel Shop is an integral part of our local operations and a solution customers in many industries rely on.

Experienced Electrical Technicians

The dedicated Panel Shop team completes a rigorous training program. Each technician possesses an electrical background and the specialized knowledge to not only build and test the panels but to also contribute to the development and specification. Technicians remain current on the latest product developments and industry best practices to ensure each project meets code requirements and is built to perform.

Comprehensive Expertise

Electrical and automation solution expertise positions the ECI Panel Shop to build cabinets that house the components and promote efficiency. Our product and application knowledge enable us to be a partner, working together with customers to develop panels that meet specifications and exceed expectations. Each project is supported by more than three decades of custom panel, cabinet and enclosure experience.

The expertise of the entire ECI organization supports every custom panel. Whether the enclosure will house a flow computer or distributed control system, ECI's engineers are available to help ensure the final build supports your goals.



Custom Specifications – Cabinets and Components

The ECI Panel Shop's commitment to customization extends beyond the panels. Whether your specifications require a complete package with all components, or you prefer that the panels be built with your components, we can meet your needs. Established relationships with a range of quality manufacturers ensures that each panel specification is developed with one goal in mind, to support your performance objectives. Our technicians can work with any components, build to any size and meet the requirements of any application.

Precision Through Automation

Precision, efficiency and short turnaround times are ensured through the utilization of leading technology solutions. The ECI Panel Shop elevates performance, accuracy and response times with an investment in automation. Our state-of-the-art Steinhauer ModCenter CNC machine enables automated cutting and drilling for better results. This high level of precision also enables greater consistency.

Safety is critical in every ECI work environment. The desire for enhanced employee safety coupled with our commitment to complete accuracy and meeting customer deadlines requires careful balance. The CNC machine creates that balance. Automated cutting and drilling are both faster and more precise. This also creates a safer environment for our team. While the machine is cutting, our technicians are free to move to the next steps. When panels are completed faster, our delivery and installation are also accelerated.

Factory Acceptance Testing

Each panel is subjected to a thorough, internal factory acceptance test. Both in-person and virtual testing sessions are available to our customers. All panels and components are tested to ensure proper functionality so that your processes are seamless following installation.

Lifecycle Service to Support Continuous Operations

Ensuring continued, seamless processes and production post installation requires experienced technicians. ECI's local services team is available to monitor, maintain and repair panels and components as needed. With 24/7/365 service, local inventory, and testing and repair both on- and off-site, you will have the support needed for continuous and efficient production.

Building to Code and Industry Requirements

The ECI Panel Shop is an ISO:9001 certified facility. Quality is critical to Panel Shop operations and we build to code and industry requirements including:

- UL 508A
- Class 1 Div 1
- Class 1 Div 2
- NEMA 4
- NEMA 7
- Explosion proof



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SALES AND INFORMATION

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

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

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