



# Intelligent Control Panel Solutions



## Control Panel Solutions

- Design
- Machine Relocation
- Project Management
- Engineering
- Testing
- UL Listing
- Cable Assemblies

## Intelligent Control Panel Solutions

When you are tasked with making electrical products work together to control a process or run a machine, while adhering to all current safety regulations, the partners you choose are critical. Horizon Solution's Professional Services Group provides complete solutions for all your control panel needs.

We combine depth of product knowledge, technical expertise, and supply chain solutions to provide our customers turnkey solutions to fit their control panel requirements. Whether you require ongoing fabrication of your own design, engineering support and production for a limited number of panels, or complete integration with an automation control system, Horizon has your solution.



## Project Management

Building a safe, cost-effective, top-quality custom control panel that will exceed customer expectation is a complex process. It is critical that you choose a partner with the experience, knowledge, and project management skills to get the job done. Our experienced custom controls team will work closely with your in-house technical staff from project proposal and initial design through final installation and testing.

Horizon Solutions will work directly with your engineering staff to manufacture panels to your design, or we can recommend a system integrator to provide engineering support. Either way, you can be assured our project management team will keep job project on track.

Our Custom Controls, Professional Services, and Electrical Supply divisions will work closely to make sure the resources needed for your project are available. Many of our products come from the Electrical Supply Division's \$15 million inventory. The availability of off-the-shelf materials allows us to control lead times, reduce cost, and ensure the quality of the finished product.

## Scope of Services

- Phase 1—Proposal development
- Phase 2—Project management
- Phase 3—Engineering
- Phase 4—Sign off and approval process
- Phase 5—Start-up and training
- Phase 6—Final documentation
- Phase 7—Customer satisfaction



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**Quality**

Utilizing Horizon Solutions to produce your panels will ensure the highest quality, finished products designed to increase your productivity. As one of the top electrical equipment distributors in the Northeast, Horizon has broad experience in many industries and applications.

Our quality products, coupled with a network of world-class engineers and panel fabricators, allow Horizon to offer the best choice from initial design and panel production to installation and testing.

**Safety**

Electrical safety is a hot topic for both industrial facilities and OSHA. In 2005, the National Electrical Code (NEC) introduced Article 409 for Industrial Control Panels requiring panel builders and original equipment manufacturers to analyze and mark their panels with short circuit current ratings (SCCR).



The time to think about meeting current safety regulations is at the beginning of your control panel project. Horizon Solutions understands the economics of electrical safety. Conforming to all regulations and industry guidelines can save significant dollars in the long run. As OSHA gears up for stricter regulatory enforcement you must design safety into your panels from the beginning.

Together with our network of engineering and panel fabrication partners, Horizon Solutions will help you navigate complex regulations while keeping your project on budget.

All of our panels are available with a UL508A listing—an approved method to evaluate the panel's short circuit rating.

Contact your Horizon representative today to learn more about our custom control panel solutions and all of our Professional Services.

**About Horizon Solutions**

Horizon is the applications expert in electrical and industrial distribution. Our exceptional technical, supply chain, and business knowledge enables solutions that reduce costs, increase throughput, accelerate time to market, and improve asset utilization.

Our problem solving capabilities are augmented by a system of embedded metrics. So Horizon's solutions deliver measurable supply chain performance improvement, reduced risk, and the lowest total cost of ownership.