



Electrical Cabinet & Panel Build Services

COMPREHENSIVE ELECTRICAL SYSTEMS SERVICE OFFERINGS

Precision electronic controls are the brains of today's modern machines. AMD&E's 360° Support Program offers comprehensive services including design, design/build, build to print, repairs and upgrades. Our knowledge and application of best practices *ensure the highest build standards and performance throughout the entire machine lifecycle.*

DESIGN & ENGINEERING FROM THE GROUND UP

Our engineers are trained in NEC, NFPA, and OSHA standards. We design *circuits, control systems, access panels, and any other industrial control application.* We can include comprehensive functional descriptions, electrical engineering, hardware design, process definition and engineering for any project.

INCLUDING DESIGN/BUILD SERVICES

Our team develops turnkey control hardware from initial idea to installation and integration. We have *extensive experience with panel builds from concept through power on and startup.* Each panel is built for safety, functionality, and quality.

OR PRECISION BUILD TO YOUR PRINTS

We offer complete build to print services for panel builds and electrical cabinet assemblies. Working with your standards and numbering systems we deliver *consistent, reliably built products that are among the finest in the industry.*

"It's amazing to work with a supplier with so much technical expertise. We didn't realize the amount of vertical capability that AMD&E has until they helped us solve a challenge in three weeks that our team struggled with for three years." – General Manager of a large Foundry



The Right Tools



We have the tools and technology to fabricate, wire, and test electrical control systems.

The Right Experience

Our professional staff has in-depth experience with mission critical repairs.



The Right Staff

Work is performed by skilled craftsmen who understand how to get you back into production.



Small



Medium



Large



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Design & Engineering

- Process engineering
- Electrical engineering
- Safety analysis
- Electrical code review
- Control system design
- Schematic design
- Panel design and cabinet design
- Component procurement



Design / Build

- Engineering, design, & build
- Cabinet & panel assembly
- Wiring
- Hardware verification



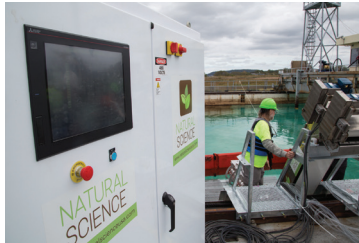
Build to Print

- Cabinets and panels
- Power cabinets
- Control cabinets
- Hand pendants
- Push button stations
- Custom harnesses
- Machine build with wiring



Maintenance, Repair, and Upgrades

- Preventative maintenance
- Device repair, wiring repair, troubleshooting
- Retrofits and recontrols
- Field assembly & wiring

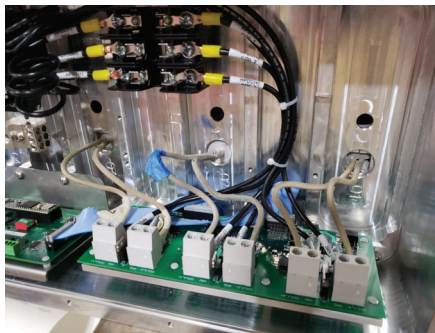
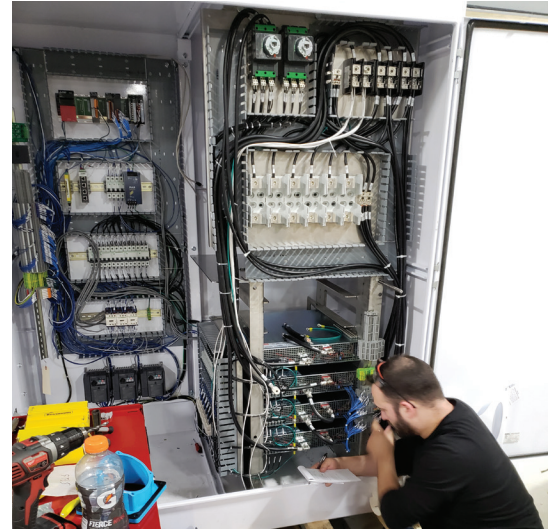


Many Applications

Factory applications along with marine, construction, and outdoor applications.

Customized Enclosures

Multidoor cabinets and customized enclosures for high power or specialty applications. Built and tested to rigorous industry standards.



Machine & Device Wiring

Machine element repair, replacement, and upgrades including ballscrews, bearings, linear guide rails, timing belts, and other critical machine components.



Hardware Analysis & Verification

By using state of the art equipment and processes, we can ensure that your controls is meeting your requirements.