



Quad Plus®



Your Global Engineering and Technology Partner

Providing High Quality Control System Solutions

New installations, Retrofits, Repair, and Service

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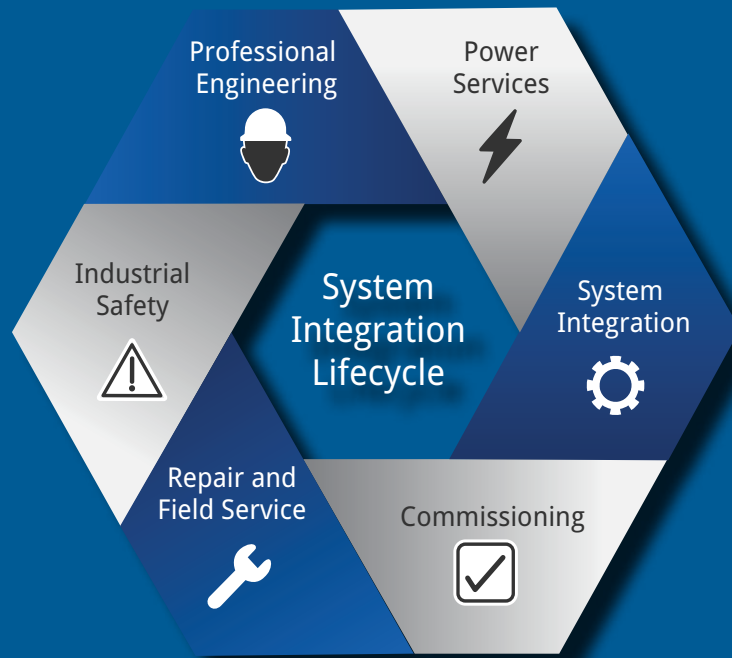


About Quad Plus

Quad Plus provides industrial control systems, solutions, and services to a variety of industries. With a skilled design team made up of electrical, mechanical, civil/structural, chemical, and controls engineers, Quad Plus has extensive process knowledge spanning from the utility pole to the motor shaft. This helps our team to provide optimal solutions whether performing retrofit of obsolete systems or design and construction of entirely new equipment. We provide implementation and support services for both domestic and international locations, and the Quad Plus team of experienced engineers can meet your needs throughout the system integration lifecycle.

Integration of Legacy Systems

Finding a system integrator skilled in the retrofitting of older machines or that has experience working with unavailable or obsolete controls can be difficult. The engineers at Quad Plus have extensive experience with processes, hardware, and programming of legacy equipment in every industry we serve. We know how to adapt your machinery into a new design, and our commissioning process can be done in several phases by updating one part of your process at a time and returning to production between upgrades to minimize downtime.



Our Services

Quad Plus offers a comprehensive range of services for every industry to keep your projects moving forward no matter where you are in the system integration lifecycle.

Professional Engineering

Cooper and Associates, a Quad Plus brand, provides professional engineering and project coordination services with expertise in mechanical, piping, electrical, civil, and structural engineering. Our experience ranges from multi-million dollar projects down to the fine details of small projects at local plants. We will work closely with you to design, plan, build, monitor, and complete your industrial projects.

Industrial Safety

Our three-step safety review includes a comprehensive risk assessment and creation of a risk mitigation plan, along with testing and validation to ensure the safest production environment for all staff, especially machine operators. We will then recommend engineering solutions to resolve safety issues and address administrative safety solutions including signage, PPE, and training.

System Integration

We deliver the resources needed for new installations in large scale industrial processes or retrofitting viable legacy machinery. As your turnkey single point of contact, we coordinate all project phases to provide a fully-integrated solution from design, development, implementation, and commissioning. Our experience with a variety of applications provides better insight into your needs and constraints.

Commissioning

We provide hands-on commissioning and onsite support during the startup process of your integrated system, and the original project design engineers will ensure the transition from installation to production is smooth. Our goal is to start up, test, calibrate, and configure all components to ensure production meets your specifications before testing the system using real materials.

Repair and Field Service

Our repair technicians diagnose problems and accurately repair drives, controls, and circuit breakers. We have many resources including manuals, guides, schematics, and relationships with manufacturers that give us the advantage when it comes to repairing your equipment. Our experts can also refurbish and retrofit your drives and large industrial circuit breakers, instead of replacing them.

Power Services

Our NETA accredited engineers are experts in electrical infrastructure design & installation and power studies & analysis for high, medium, and low voltage. We can perform third-party, acceptance testing for your new system installations. Once installed, Quad Plus provides the on-site and in-house maintenance and periodic testing. Our electrical testing is done in accordance with the NETA/ANSI Certified Standard.



Quad Plus®

The Quad Plus Difference

Entire Lifecycle

Whether you have a new system build, need to upgrade your current system, or retrofit an outdated system, our team of expert engineers can meet your needs.

Remote Support & Diagnostics

Most issues can be fixed quickly via our secure remote support system. If the technicians are not able to resolve the issue remotely, they will be prepped with the tools and equipment they need to fix the problem when they come onsite.

Turnkey Solutions

Our system integration team will partner with you and manage your entire project from beginning to end and beyond. Our goal is to make the process as smooth as possible for you.

Industry Experts

Our engineers know your systems because they have worked in the industries they support. They also received additional training, certifications, and have access to specialized manufacturer resources.

3D Design and Packaging

At Quad Plus, our team uses 3D modeling to virtually design cabinets and control layouts. This allows you to see where the cabinet will be located and make alterations before anything is built, which saves you time.

Value Add

Installing a system is only one part of what we do; we perform every aspect of system integration. With years of experience in many industries, not only do our controls do the task required, but our multi-system process knowledge that goes into system designs is second to none.



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