



Electrical System Integration

Quad Plus is a full service electrical and automation system integrator for new installation. We also provide retrofit solutions for viable legacy equipment and specialized assemblies for support of OEM equipment. As problem solvers, we identify, design, implement, and service equipment customized to the client's needs. With facilities and personnel resources nationwide, Quad Plus can serve as your single source for all electrical design, integration, field support, and service.



Controls

We design your control system to meet your unique needs and specifications. No matter which brand of controls you need, we have you covered.

Custom Enclosures and Control Packaging

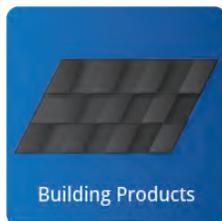
Custom built enclosures are designed and fabricated as needed to fit within space constrained, electrically classified or environmentally exposed areas within your facility, yard, or vehicle. Our enclosure designs will keep their system contents protected from the existing environment while providing convenient access for maintenance and functionality for operations.

Startup and Commissioning

We have a saying: whoever designs it starts it up. That means you will receive hands-on, onsite support during the startup process of your integrated system. From testing to pass-off and training, your project engineer will make sure your installation exceeds your expectations.



Auto Shredding



Building Products



Cement and Mining



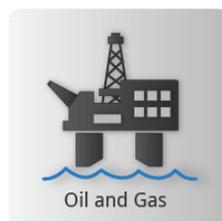
Converting



Marine



Metals



Oil and Gas



Pulp and Paper



Rubber and Plastics



Test Stands



Machine Upgrade, Automating Processes, and Retrofit Services

Quad Plus has extensive experience with supporting the processes, hardware, and programming of legacy equipment integrated with older systems that have failed or become unreliable. When obsolete or unrepairable components mandate upgrades, we evaluate your assets to provide retrofit options for restoring reliability, returning your operations to profitability, and adding new features; often while avoiding the need to replace your equipment entirely. We offer a complete solution that can be implemented in phases to minimize downtime and reduce interruption of your production schedules.



Material Handling and Processing

Quad Plus has decades of experience in the material handling and processing sector. Our expertise ranges from the installation of simple conveyance systems to those requiring advanced motion control of multi-axis servo systems. Our team understands all stages of product processing; from the loading and batching of raw materials to the final packaging and stacking of the finished product, we can engineer systems that make these processes run smoothly and efficiently. Our engineers can implement systems, drives, and controls for both continuous and discrete processes. We can tackle every processing application, including web tension control, stacking and destacking, alignment and orientation detection and correction, recipe-based batching and coatings application, and air handling. Our team will ensure your product quality standards are met.



Startup and Commissioning

It starts with a comprehensive in-house system test to make certain the hardware, communications, and software configurations are in order. We will then start and optimize your newly supplied system to confirm that it meets your production requirements. This engineering standard ensures a timely electrical automation retrofit for your aging system, including those systems designed for our OEMs. We can also provide electrical or mechanical installation supervision when required. Lastly, there is the pass-off to production, which may include production trials when applicable.

Let's Get to Work

Our experienced engineers will seamlessly install your integrated control system, moving it from concept and design to production. Let us handle coordinating with the multiple vendors needed to complete your project. We offer custom-built control cabinets produced to fit within your facility or yard and we'll efficiently package your controls. Our commissioning service will leave you with a fully-tested manufacturing line ready for production.



Connect with us



www.quadplus.com

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