

QP Automation provides Industrial Automation Solutions. These solutions will increase profitability and efficiency. Our skilled engineering team are certified in Industrial Software, Drives, Motion Control, Automation (PLC & IO, HMI, SCADA), Networking and Electrical Control. The focus of QP Automation is for our customers to achieve their complete Industrial Automation and Power solutions.

## SIEMENS

*Ingenuity for Life*

- Automation, Networks, HMI and Industrial Computers
- RFID and Real Time Locating Systems
- Motion Control, Drives and Motors
- Industrial Controls
- Low & Medium Voltage Power Distribution

## Leuze

Safety & Sensors

- Light Curtains & Light Scanners
- Switching & Measuring Sensors
- Industrial Image Processing
- Identification

## TOSIBOX®

Simplifying IoT

- Secure IoT Connectivity
- Remote Access
- Network Management

## EM - ENERGY SOLUTIONS

ELECTROMAGNETIC ENERGY SOLUTIONS

Transients, voltage and current balancing, harmonics, dips/swells, ride through

- Carbon footprint reduction
- Increased energy efficiency
- Less downtime

## Quad Plus®

Your Engineering and Technology Partner

- Control Engineering Services
- Industrial Safety
- Commissioning
- System Integration
- Repair & Field Services

## VeeArc

Variable Frequency Drive Repair

- Drive Repair and Support
- Siemens Northern Regional Repair Center
- Legacy Controls

## Cooper & Associates

Power Studies and Structural Engineering

- Industrial Engineering Services
- Technical Services
- Project Coordination
- Remediation and Assessment Services

## QP Gauging

Computerized Measurement and Control During Production

- Gauging Systems
- Custom Frames
- Advance Sensor Technology
- Software & Reporting
- Premium Installation & Support

## Sentinel Machine Safety

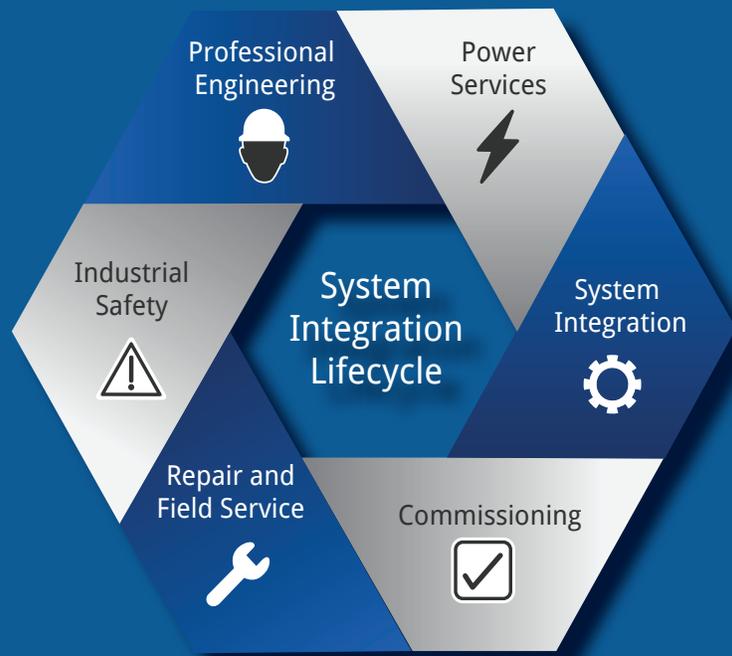
Industrial Machine Safety Consulting

- Risk Assessment
- Risk Mitigation
- Safety Validation

## QP Testing

Power System Services & Circuit Breaker Repair

- Complete Power Service Company
- Circuit Breaker Repair, Electrical Testing Services
- Preventative Maintenance & Outage Services
- Engineering & Arc Flash Studies



## 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 capabilities include industrial power studies, power analysis, and electrical infrastructure design and installation for high, medium, and low voltage. Once installed, Quad Plus provides the on-site and in-house maintenance and periodic testing to extend the useful life of critical electrical assets such as transformers, switchgear, circuit breakers, protective relays and switches. Our electrical testing is done in accordance with the NETA/ANSI Certified Standard. We are truly an all-inclusive power systems service provider.