



Quad Plus®

Oil and Gas Control System Integrator for Drilling Systems



Quad Plus is an industry leading system integrator providing electrical control and automation systems serving all aspects of the petroleum industry, including drilling, well completion, and manufacturing systems for both land-based and offshore applications. Our extensive Knowledge of OEM components and programming support allow us to provide optimal client solutions whether performing retrofit of obsolete systems or design and construction of entirely new equipment. In addition, we provide implementation and support services for both domestic and international locations.

Project Development

We start with customer requirements and criteria to engineer designs documented by single-line diagrams, multi-page voltage ratings, electrical schematics, orthographic drawings, piping diagrams and 3D modeling as needed to build the final project. Through design review, we verify the safety and design functionality to ensure the best fit for the system operating requirements and space constraints.

Turnkey Integration

Your requirements define our role. We can provide solutions as an OEM supplier, a contributing vendor, or as a turnkey control system integrator. As a system integrator, we will be your single point of contact, handling every aspect of your project from design and development to manufacturing and implementation.

Premium Support

We offer support for most manufacturer's equipment, whether integrated by Quad Plus or others. Clients can choose the level of support desired, from periodic maintenance, expedited service, to secure, remote diagnostic systems that signal for services require. With remote diagnostics, our team can begin remote troubleshooting steps almost immediately to dramatically reduce the down time of your equipment. Once the issue is identified and confirmed, our team can be dispatched with the applicable parts and tools required to complete repairs.

Service Components

Our technicians specialize in oil and gas rigs. We understand the complex conditions and have the skills and experience to mitigate personal risk while servicing and transporting equipment. Our technical team:

1. Has specific medical clearances and training
 2. Is HUET (Helicopter Underwater Escape Training) Certified
 3. Is BOSET (Basic Offshore Survival Emergency Training) Certified
- Plus, the Quad Plus Houston office has been ISO registered since 2014 and received ISO 9001:2015 certification in 2018. Our registration includes the design, development, production, installation, and servicing of custom integrated electrical power and control systems.

When your systems are down for service or replacement, we have the tools, equipment, training, and experience to minimize your downtime costs and maximize your equipment reliability.





Drilling Application Technical Capabilities

Quad Plus delivers equipment and services for oil and gas industry use in a wide variety of forms. Our technical team will assist with design selections to achieve industry targets such as increased reliability, decreased spread footprint, reduced noise levels, and reduced emissions.

E-House and Operator Cabins

Climate controlled E-House facilities offer increase operational safety and personnel performance while meeting reliability and functionality targets.

PLC, VFD, MCC and Switchgear

Climate controlled, weather resistant, enclosed control systems provide automation for operation and process equipment.

Power and Distribution

Quad Plus offers low and medium voltage system management for fixed or transportable use.

E-Fracking Development

Electrification of well completion equipment offers more cost effective operations and environmental advantages than the use of traditionally powered equipment. Quad Plus work with client E-Frac projects has resulted in innovations for power distribution, control, and safety systems for medium-voltage powered well completion equipment.

Industrial Contract Manufacturing Services

Our services go beyond the traditional panel shop model by offering contract manufacturing services that are specific to the oil and gas industry. Quad Plus will provide detailed functional testing to validate the your design, software development for PLCs, HMIs and variable speed drives, and customized packaging solutions for ordering on demand.

Generator Control and Distribution

Quad plus offers a wide variety of generator control and distribution options for both on- and off-grid locations including drilling, fracturing, and cogeneration operations. Common options for remote power configurations include:

Diesel Prime Mover

We are experts in integration of variable capacity swing-unit controls for diesel prime mover generator systems. Low or medium voltage generation can be packaged for trailers, skid or e-houses including cabinet splits for offshore installation. Our team designs and integrates solutions according to your power needs.

Gas Turbine Generator

High capacity, gas turbine generators packaged for trailer or skid transportable use represent the future of remote power for low or medium voltage electric well completion tools. We work with manufacturers to deliver the switchgear and power distribution solutions necessary to power a new generation of smaller, cleaner, more economical yet powerful electric frac and associated systems.

Connect with us



www.quadplus.com

+1 (844) 251-7823