



**STRONGHOLD
OF POWER**
مُحْلِل الْقُوَّة

STRONGHOLD OF POWER



Head Office
Iraq



The Company

Stronghold of Power is an engineering and integration company specializing in **Automation, PLC Control Systems, SCADA & Substation Control, Medium and Low Voltage Power Systems, and Protection Engineering**. Based in Iraq, we provide complete, reliable, and integrated solutions that enhance efficiency, safety, and operational performance across industrial and electrical infrastructure sectors.



Industrial Automation & PLC Systems

We design and implement PLC-based automation systems for industrial applications such as manufacturing processes, equipment control, and energy management. Our systems are engineered for precise control, flexibility, and long-term reliability.



Key Capabilities:

- Design and programming of PLC-based control systems
- Custom-built control panels for industrial applications
- Sequential and interlocking logic for process automation
- Integration with field sensors, actuators, and monitoring systems
- Retrofit and modernization of existing automation installations



SCADA & Substation Control Systems

We develop and integrate **Supervisory Control and Data Acquisition (SCADA)** and **SICAM-based control systems** for electrical substations and power networks. These systems provide real-time monitoring, control, and communication between substations and central control centers.



Scope of Supply:

- SCADA systems for transmission and distribution substations
- Integration of remote terminal units (RTUs) and communication gateways
- Control and monitoring of feeders, transformers, and switchgear
- Event logging, alarming, and system reporting for operation centers
- Secure communication networks for remote control and supervision
- Retrofit and migration of legacy substation control systems



3.

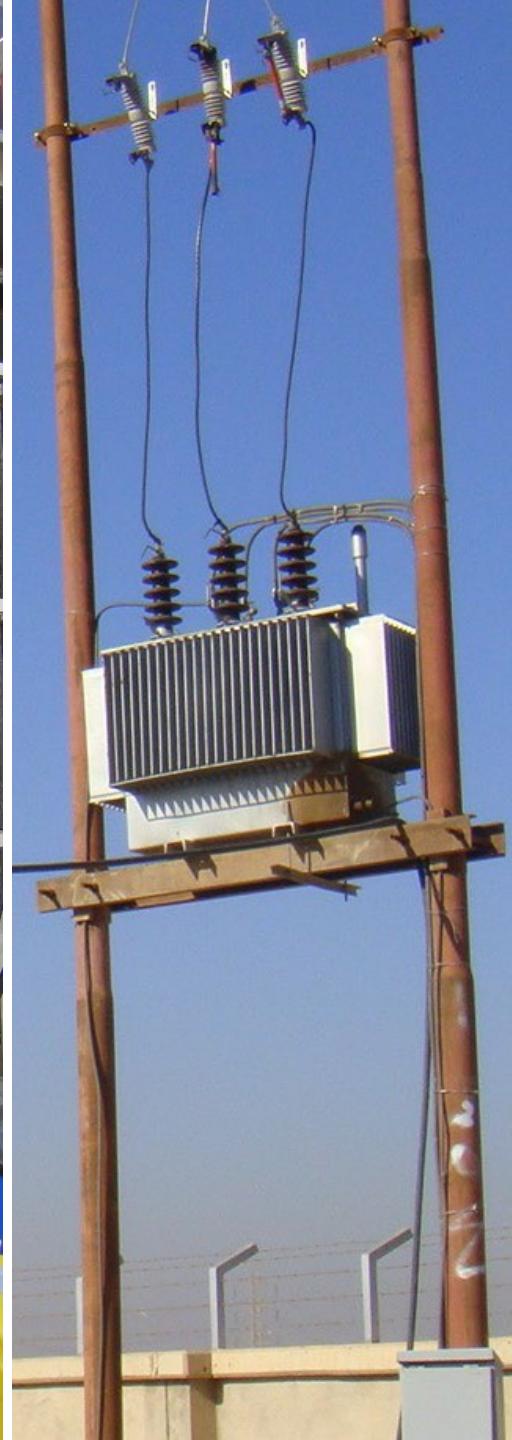
Medium & Low Voltage Power Systems

Stronghold of Power offers end-to-end Medium and Low Voltage electrical solutions, from engineering and manufacturing to installation and commissioning. Our systems are built to international standards for reliability, safety, and performance.



Core Offerings:

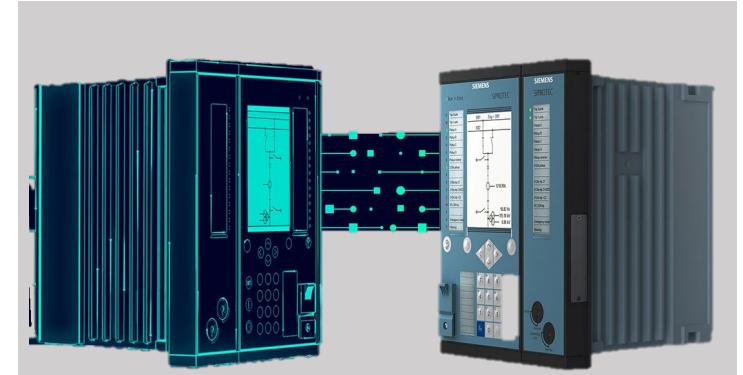
- ✓ Medium voltage switchgear, RMUs, and synchronization panels
- ✓ Low voltage distribution boards and motor control centers
- ✓ Hybrid power and backup systems with automatic load sharing
- ✓ Power quality enhancement and load management solutions
- ✓ Retrofit and modernization of existing switchgear and panels



4.

Protection Relay Systems

We deliver complete protection system design, configuration, and commissioning services to ensure safe and reliable network operation. Our expertise covers the entire protection lifecycle (from engineering to field testing.)



Expertise Includes:

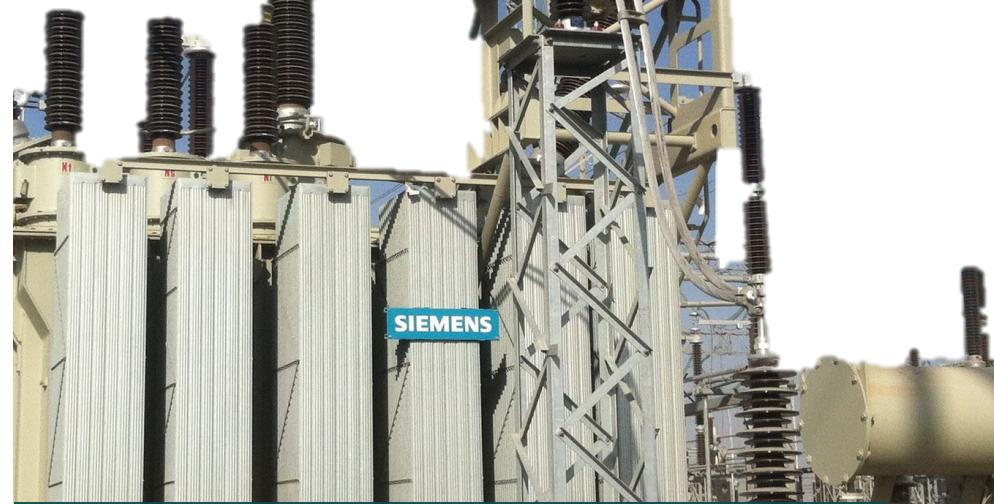
- Design and configuration of digital protection relays
- Fabrication of protection panels for substations and switchyards
- Testing and commissioning of feeder, transformer, and busbar schemes
- Fault analysis and protection coordination studies
- Retrofit and replacement of outdated relays with advanced systems

5.

Retrofit & Modernization



We provide specialized retrofit services to extend equipment life, improve system reliability, and ensure compliance with modern automation and protection standards.



Retrofit Services Cover:

- Replacement of outdated relays, PLCs, and control components
- Upgrade of switchgear, control, and protection systems
- Integration of modern monitoring and automation features
- Functional testing and commissioning of refurbished systems

Target Markets



**Electrical
Utilities and
Energy
Companies**



**EPC
Contractors
and
Engineering
Firms**



**Industrial,
Infrastructure,
and Oil & Gas
Projects**

Our Commitment

Reliable. Intelligence. Integrated.

Stronghold of Power combines technical expertise with proven engineering practices to deliver solutions that are robust, intelligent, and seamlessly integrated across automation, control, and power systems.



Contact Information



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