PLC AUTOMATION SOLUTIONS CORP.

AUTOMATION, PROCESS CONTROL & INDUSTRIAL SUPPLIES

Engineering • Integration • Commissioning • Equipment Supply & Import

AUTOMATION ENGINEERING • INDUSTRIAL EQUIPMENT • FIELD SUPPORT

Corporate Capabilities 2026

About PLC Automation Solutions

PLC Automation Solutions Corp. is a Florida-based engineering company specializing in industrial automation, PLC programming, and control-system integration. With more than 25 years of field experience, we support manufacturing, energy, and oil and gas applications with practical, reliable, and maintainable solutions.

Our capabilities include engineering, system integration, commissioning, troubleshooting, and sourcing and importing industrial equipment from the United States for international projects.

ENGINEERING

PLC, SCADA/HMI, industrial networks, instrumentation, and control-system design.

FIELD SERVICES

Commissioning, startup, FAT/SAT, troubleshooting, repairs, and system upgrades.

EQUIPMENT SUPPLY

Procurement, sourcing, export coordination, and supply of automation and electrical equipment.

Why PLC Automation Solutions?

- More than 25 years of proven field experience.
- Strong troubleshooting capability and experience migrating legacy systems.
- Direct technical coordination from engineering through field execution.
- Flexible support for projects in the United States and international markets.
- Engineering combined with equipment supply from U.S. vendors.

Automation & Control Capabilities

PLC SYSTEMS	Programming, integration, troubleshooting, and modernization of ControlLogix, CompactLogix, PLC-5, and SLC 500.
SCADA & HMI	FactoryTalk, Wonderware, and PanelView operator interfaces for monitoring, control, alarms, and visualization.
SYSTEM INTEGRATION	Integration of PLCs, drives, instrumentation, communications, and industrial control networks.
INDUSTRIAL NETWORKS	EtherNet/IP, ControlNet, DeviceNet, and industrial communications for reliable plant connectivity.
PROCESS INSTRUMENTATION & CONTROL	Integration of transmitters, I/O, process signals, control loops, and field instruments.
ELECTRICAL & CONTROL PANELS	Control-panel engineering, component selection, interface design, and system integration.
COMMISSIONING & STARTUP	On-site commissioning, FAT/SAT support, validation, startup, and operational assistance.
TROUBLESHOOTING & MIGRATION	Advanced diagnostics, obsolete-system replacement, PLC/HMI migration, and control-system modernization.

Industrial Equipment Supply & Import

In addition to engineering services, PLC Automation Solutions Corp. helps customers source industrial equipment and replacement parts from qualified U.S. manufacturers, distributors, and suppliers. This capability supports automation, electrical, instrumentation, and industrial maintenance projects.

AUTOMATION HARDWARE

PLCs, I/O modules, communication modules, HMIs, industrial switches, and automation accessories.

INSTRUMENTATION

Pressure, level, flow, and temperature instruments; transmitters, gauges, and accessories.

ELECTRICAL & CONTROL

Power supplies, relays, contactors, breakers, fuses, soft starters, drives, enclosures, and panel components.

INDUSTRIAL NETWORKING

Ethernet switches, gateways, protocol converters, communication interfaces, and network accessories.

REPLACEMENT & LEGACY PARTS

Sourcing of obsolete, hard-to-find, and replacement components for installed industrial systems.

PROJECT PROCUREMENT

Bill-of-material sourcing, commercial quotations, export packing coordination, and international shipment support.

Procurement & Supply Approach

Equipment can be quoted as part of an engineering package or as a standalone supply scope. Brand, model, technical equivalency, condition, origin, lead time, and commercial terms are defined in each quotation based on project requirements and availability.

Industrial Solutions

OIL & GAS

Automation, instrumentation, control panels, communications, and equipment supply for process and field applications.

POWER & ENERGY

PLC-based control, electrical integration, monitoring, and industrial communications.

MANUFACTURING

Machine and process automation, HMI/SCADA, drives, diagnostics, and production-system upgrades.

HOIST & LIFTING SYSTEMS

Specialized support for Alimak and Pega hoist controls, maintenance, diagnostics, and control upgrades.

LEGACY MODERNIZATION

Migration of PLC-5, SLC 500, and legacy HMI/control platforms to current architectures.

REMOTE MONITORING

Industrial networking, communications, and remote diagnostics for distributed equipment and facilities.

Technology Experience

Allen-Bradley / Rockwell Automation • Siemens automation systems • ProSoft communication modules • industrial networks • FactoryTalk • Wonderware • PanelView HMI platforms

Project Execution

01	**REQUIREMENTS**	Review of scope, process needs, installed base, applicable standards, and operating priorities.
02	**ENGINEERING**	Architecture, I/O, control philosophy, programming, HMI/SCADA, and technical documentation.
03	**PROCUREMENT**	Equipment selection, sourcing, quotations, and coordination of supply/import requirements from the United States.
04	**INTEGRATION**	Configuration, programming, panel/interface integration, and communications testing.
05	**FAT / SAT**	Functional testing, site validation, commissioning, and startup.
06	**LIFECYCLE SUPPORT**	Troubleshooting, maintenance support, updates, spare parts, and modernization.

PLC AUTOMATION SOLUTIONS CORP.

ENGINEERING. AUTOMATION. INDUSTRIAL SUPPLY.

Technical solutions from Florida for industrial projects across the United States and international markets.

CONTACT

Sergio Mirabal | President / Engineering

s.mirabal@plcautomationsolutions.com

+1 305 848 1548

Florida, USA

U.S. Tax ID (EIN): 84-2219331