

CAPABILITY STATEMENT

COMPANY OVERVIEW

PLC&MORE is a Brisbane-based automation consultancy specialising in complex Siemens, Schneider and Rockwell Control systems and SCADA solutions. Built on over 25 years of global project experience across Power Generation, Mining, Utilities and Infrastructure, the practice provides responsive, technical expertise for troubleshooting, system optimisations, and critical legacy migrations.



CORE SERVICES



PLC/DCS SYSTEMS

- TIA Portal, Step 7, PCS7, T2000/T3000, Studio 5000, Control expert (Unity): Brownfield and greenfield projects programming support
- System Diagnostics: Advanced fault-finding and hardware troubleshooting.
- Code Optimisation: Refining existing logic for improved cycle times and reliability.



INDUSTRIAL NETWORKING

- Protocol Configuration: Seamless integration of Profinet, Modbus TCP/RTU/Serial, and Profibus. Protocol converter configuration and troubleshooting.
- Remote Access: Secure VPN setup for off-site diagnostics and rapid support.
- Network Health: Identifying and resolving communication bottlenecks across the plant.



HMI & SCADA DEVELOPMENT

- Interface Design: Custom operator screens using WinCC, Ignition, and Aveva.
- Data Visualisation: Real-time monitoring and historical trending for production insights.
- Alarm Management and optimisation: Streamlining system alerts to reduce operator fatigue and downtime.



MIGRATIONS & UPGRADES

- Legacy Conversions: Risk-managed transitions from end of life PLCs to current automation solutions.
- Equipment Integration: Incorporating new instruments, equipment, drives and network gear into existing control architectures.
- Documentation: Comprehensive code commenting and system mapping for future-proofing.



REPRESENTATIVE PROJECT HISTORY

- **Energy & Resources:** Lead commissioning for critical safety systems and gas compression control (NG compressors, Hydrogen production, compression and distribution, Mining).
- **Water & Infrastructure:** Integration of high-capacity booster pumps and VSD energy-saving retrofits for QLD utilities, Design and commissioning Reverse Osmosis plants.
- **Manufacturing & Logistics:** PLC/SCADA development for automated sortation and STS Crane control systems.
- **Food & Beverage:** Ammonia refrigeration PID tuning and high-speed production line optimisations.
- **Global Remote Support:** Extensive 24/7 technical support for major industrial sites in Panama and Zambia, managing critical diagnostics and software patches.

TECHNICAL SCOPE

- **PLC Platforms:** Siemens TIA Portal (V13-V19), Step 7, PCS7, Legacy S5/S7-300 Migrations.
- **HMI/SCADA:** WinCC, Ignition, Aveva (CITECT, PlantSCADA).
- **Networking:** Profinet, Modbus TCP/RTU, Industrial Ethernet.
- **Remote Commissioning/Optimisation Specialist:** Expert setup of secure VPN tunnels and remote diagnostics for 24/7 industrial uptime.

COMPLIANCE & REGISTRATION

- **ABN:** 29714185255
- **Insurance:** Public Liability & Professional Indemnity Insurance coverage.
- **Work Safety:** General Construction Induction (White Card) held.
- **Availability:** Based in Carina, providing rapid on-site support for Greater Brisbane and 24/7 emergency remote response for local and regional sites.

Contact Us

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