Welcon Technologies

TECHNOLOGY DRIVEN SOLUTIONS

CONTROL SYSTEMS & AUTOMATION

Whether your plant is still a conceptual design or you are looking to extend the life and improve performance of an aging plant, or anywhere in-between, Welcon Technologies has the expertise and experienced personnel to assist with all your Control Systems & Automation needs.

PLC & SCADA SYSTEMS

Does your process require consistent, reliable control and an accurate functional interface for operators? Welcon can produce PLC, HMI and SCADA solutions that deliver functionally and reliability that fits within your budget. Services include:

- Design & Functional Specification
- Programming & Configuration
- Procurement & Installation
- Testing & Commissioning
- Ongoing Support

INDUSTRIAL NETWORKING

Can you afford downtime or reduced productivity due to unreliable communications connectivity? Welcon can help choose the right technology for your application and design a reliable robust network.

- Ethernet Networks - Routing, Firewalls, VPNs, VLANS, Wireless, Integration with Corporate Networks.
- Industrial Networks - DeviceNet, ControlNet, Profibus, Serial Links etc.

TELEMETRY SYSTEMS

Do you need to monitor and control processes and equipment over a wide geographic area? Welcon can design a solution using radio links, Cellular/PSTN phone networks, Internet/VPN links or a combination of technologies to ensure that you can manage your assets effectively, from wherever you are located.

LEGACY SYSTEMS

Are your critical processes controlled by older or obsolete PLC and SCADA systems? Welcon has an extensive knowledge of many legacy systems and can assist you to move forward by:

- Auditing and documenting your systems.
- Identifying major risks.
- Strategic planning of upgrades or replacements to minimise your costs, downtime and risk.
- Converting programs and configurations across PLC and SCADA platforms.

MES & REPORTING SYSTEMS

How are you utilising the vast quantities of real-time and historical process data being collected by your control system? Let Welcon help you convert this maze of data into useful, timely information for decision making and business optimisations. Possible scenarios include:

- Downtime Analysis
- Predictive maintenance
- KPI and OEE Calculations
- Shift Reporting

INDEPENDENT EXPERTISE

Welcon Technologies is proudly vendor independent. We will provide or recommend the best solution to meet your needs, based on your criteria.

We have expertise with many vendors, and the following recognised relationships:

Rockwell Automation Recognized System Integrator

Schneider Electric Alliance System Integrator Partner Program

Wonderware REGISTERED SYSTEM INTEGRATOR

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