



Automation Solutions

At Paton, our team of Automation and Controls Engineers will partner with you to identify your unique challenges and develop a fit-for-purpose solution for your immediate and long-term automation needs. Whether you are needing to completely replace your current system or make minor improvements, Paton can provide a solution.

Our vendor-independent turnkey project approach results in fewer interfaces, reduces project lifecycle and ultimately a more reliable and maintainable automation solutions.

Process Control

Paton is a leading provider of design, engineering and integration for process control systems. Combined with our full engineering capabilities, we can execute control system projects of all sizes and complexities. Whether you are upgrading a small programmable logic controller (PLC) or deploying a large distributive control system (DCS), our team of automation professionals can assist you at any stage in the project lifecycle. Our process control expertise and engineering background ensures our solutions are truly fit-for-purpose and will deliver safe and reliable startup.

Process Safety

Paton offers engineering, design and integration to implement ISA84 / IEC61511 compliant safety instrumented systems (SIS). We work with our clients in all aspects of the process safety lifecycle. We understand the decisions made early in the project can have significant impacts later in the lifecycle, which allow us reduce project risk due to late discoveries.

Machinery Protection

Machinery protection applications require the highest integrity, where false trips or missed trips can be catastrophic. For more than 35 years, Paton has provided engineering, design and integration to implement industry leading Machinery Protection Systems. Whether you are making minor enhancements to your existing system or installing a new piece of equipment, Paton can provide a solution.

Burner Management

Combustion control is key to safety, efficiency and performance of your fired equipment. Paton offers engineering, design and integration to implement NFPA, API and ISA compliant burner management systems (BMS). Whether you are upgrading an existing boiler or installing a new thermal oxidizer, Paton has more than 35 years of experience across different industries and multiple platforms to support your needs.

Main Automation Contractor

Our vendor-independent turnkey approach focuses on providing complete engineering, design, procurement, programming, integration, installation and commissioning services on all major hardware and software vendors.

Human Factors

With the consistent pressure to do more with less, it is critical to consider how plant personnel interface with the process. Our objectives are to reduce human error, increase productivity and enhance safety. To achieve these goals, some of our key focus areas are HMI design, implementation of alarm management, console layout and control room design.

Core Strengths

- > Full-service engineering
- > Turn-key automation capabilities
- > 'Fit-for-purpose' solutions
- > Proven project tools
- > Reduced project life cycle
- > Reduced cost
- > Vendor-Independent
- > System migrations / upgrades
- > Long-term relationships
- > In-house staging / development
- > Front-end scoping / estimating
- > System evaluation / selection
- > Functional safety (LOPA / SIL)
- > Safety lifecycle management
- > Cutover planning / support