

Services Overview

Engineering, Cybersecurity, Systems & Operations Automation

A practical guide to how S5 Consultants helps Australian organisations design, secure and operate complex systems.

Our Services

Functional Safety

SIL/SIF verification, safety lifecycle management, and IEC 61508 / IEC 61511 compliant assurance.

Industrial Cybersecurity

OT security assessments, ISA/IEC 62443 zones and conduits, network segmentation, and secure architecture.

Governance & Risk Compliance

Risk frameworks, policy development, audit preparation, and integrated HSE/cyber governance.

OT/IT Architecture

Reference architectures, integration patterns, SCADA/DCS/PLC network design, and technology roadmaps.

Systems Engineering

Requirements engineering, verification and validation, systems modelling, and configuration management.

Operational Readiness

Commissioning support, procedure development, operator training, handover documentation, and assurance.

SCADA & Control Systems

SCADA specification, HMI design, telemetry integration, alarm management, and upgrade planning.

AI & Machine Learning

Predictive analytics, anomaly detection, condition monitoring, and decision-support tools.

Business Operations Automation

CRM/ERP integrations, workflow automation, AI agents, dashboards, and process mapping.

How We Work

1. Discover — understand your operations, risks, and constraints.
2. Assess — identify gaps, opportunities, and compliance requirements.
3. Design — develop practical, owner-ready solutions.
4. Implement — support delivery, integration, and commissioning.
5. Operate — build runbooks, training, and continuous improvement loops.