

SCADA systems integration

industrial monitoring, control and automation

services

- ✓ specification
- ✓ electrical design
- ✓ mechanical design
- ✓ software
- ✓ hardware
- ✓ training
- ✓ support

OEM Technology Solutions apply technology, innovative engineering and design to deliver a competitive edge to our customers



industries

- Water and wastewater
- Oil and gas
- Electricity
- Defence
- Mining
- HVAC
- Building automation
- Manufacturing

experience

- **SCADA**
Citect, Wonderware, Intellution FIX, RSView, IWS, LabView
- **PLCS / RTUs**
Allen Bradley, Schneider, Siemens, GE Fanuc,
- **Communications**
Cellular, WiFi, Zigbee
- **Protocols**
Modbus, DNP, CANOpen, LON, Profinet

customers

- Department of Defence
- Railcorp
- Roads and Traffic Authority
- Downer EDI
- Boulderstone
- John Holland
- Orica Mining Services
- Leighton Contractors
- Watpac
- Spotless Services
- KLM Group
- Heyday Group
- Gibson Island Alliance

integrated management system

- ISO9001:2000 Quality Management
- AS/NZS ISO 14001:2004 Environmental Management
- AS/NZS 4801:2001 Occupational Health and Safety Management



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OEM Technology Solutions specialise in the design and integration of industrial monitoring, control and automation SCADA systems. Our services include:

- **System specification.**
Including process specifications and system functional specifications.
- **SCADA system design, implementation and integration.**
Experience with Indusoft, Citect, Wonderware, Intellution FIX and RSView – from single touch-screen applications to multi workstation redundant systems.
- **PLC design, implementation and integration.**
Experience with the **oem•teso** range, Allen Bradley, Schneider and Siemens.
- **PLC HMI design, implementation and integration.**
Experience with **op•teso**, Hakko and PanelView Plus.
- **Field device specification, recommendation and selection.**
Ensuring the correct information from the field is used to translated to your control system application.
- **Communications design, implementation and integration.**
Both wired and wireless.
- **Cabinet design and manufacture.**
Experience designing and manufacturing PLC cabinets, distribution boards and switchboards.
- **Automation system commissioning and support services.**
Including worldwide commissioning capabilities and remote on-line debugging and support services.
- **Long term customer support.**
We offer four formal Support Service Agreements.

system applications

Department of Defence RAAF Amberley SCADA system for the RAAF base at Amberley Queensland

- System functional specification
- Detailed SCADA design using CITECT and Schneider PLC's.
- Switchboard design and manufacture
- Project Size >10,000 I/O, 10 PLC cabinets, server cabinet, 50+ remote electricity meter sites
- Energy efficiency reporting and carbon calculations



Roads and Traffic Authority RTA School zone alert system

- System functional specification
- Over 600 sites
- Hardware design
- Software design
- GPRS communications
- Commissioning, O&M documentation
- Training, service and support



Coregas vessel monitoring SCADA System to monitor and report on the status of the liquid oxygen, argon, nitrogen tanks positioned throughout Australia

- System functional specification
- Over 200 sites
- RTU specific to the customer requirements
- IEC61131-3 programmed
- Data-logging with FTP
- GPRS communications



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