



Capabilities

- Specialist design for systems that operate in water and other harsh environments
- Design, development, prototype manufacture and testing of autonomous underwater vehicles and robotics
- Niche PCB design and manufacture
- Embedded software development
- Reverse engineering of electromechanical components
- Engineering staff with skills in design & repair, 3D modelling and software programming
- Design and development of HD Camera systems for use in water environments
- Understanding and application of Defence Systems Engineering processes
- Project Management

Discriminators

- “One-stop” for software, electronic, electrical and electro-mechanical design
- Ideally suited for short-run, complex systems for harsh environments
- Offices in Newcastle, Melbourne & Perth for support

Key Customers

- Thales Naval – TLS Mine Disposal System
- Saab Underwater Systems – RPDE Expeditionary MCM
- Raytheon Pty Limited (AWD Alliance) – Sewerage Treatment Plant & Diesel Generator Technology Study
- Elemental Energy Technologies Limited – SeaUrchin Tidal Turbine technology
- UVS Pty Limited (Underwater Video Systems) – Subsea Trencher Project
- Benthic Geotechnology Pty Limited – PROD Navigation Control Feasibility Study and PROD Landing Simulation

Key Partners

- Saab Underwater Systems – OEM Australian Support Partner/ PROD Project
- Saab Seaeye – Commercial ROV Australian distributor
- MacArtney – Connector and cable distributor

Quality Approvals Awards:

- AS/NZS ISO 9001:2008 certified by SAI Global
- Defence Recognised Supplier (Strategic Services)
- Defence Industry Security Program (SECRET)
- Operates to AIPM Project Managed Organisation (PMO) Standards
- Supplier Continuous Improvement Program (Signed March 2011)
- Commitment to LEAN principles
- Overall Winner, Engineering Excellence Award 2012, Newcastle Division

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