

The background of the advertisement is a grayscale photograph of a server rack. It shows a dense array of cables plugged into various ports. Some ports are labeled with numbers like '20', '30', '31', '32', and '33'. Other labels include 'PI 05 A1' and 'PI 06 A1'. The cables are bundled and organized. A large red diagonal shape is overlaid on the left side of the image, containing the company logo and text.

APCA
Technology

Engineered for the Elements

www.apctechnology.com.au

Design | Prototyping | Manufacture | Military Testing | Sustainment

DEFENCE READY
LAND
SEA
AIR
SPACE

Capabilities

- **Design** capabilities; includes mechanical design, CAD modelling, finite element analysis, electronic & electrical design and multilayer PCB design.
- **Prototyping** capabilities; includes proof of concept, 3D printing, industrial cutting & engraving, machining, fabrication, powder coating.
- **Temperature controlled manufacturing** facilities with the capability to produce small batch to mass production; build to print, build to specification.
- **In-house test facilities** including EMC/EMI, shock and vibration, thermal, solar radiation, environmental analysis and simulation.
- **Proven ability** to design, meet and exceed industry standards & compliance across international standards, including: MIL-STD, Def - Stan, DO-160, GVA, IECEx, ATEX, SIL, and EN.
- **Maintenance and repair;** includes hardware and sub-component repairs, defect analysis and reporting, extended warranty, return to base or field service options.
- **Sustainment** capabilities; includes obsolescence management; integrated logistics support; redesign engineering; reverse engineering; procurement, storage and condition reporting of hot swap spares; life of type analysis and sustainment forecasting & costing.

Competitive Discriminators

- **30+ years** of proven capability supplying to the aerospace and defence sectors.
- **100% Australian owned & operated;** actively sourcing sovereign capability partnerships.
- A state of the art facility centrally located, offering **one location** for innovation, cost effective, custom design & engineering solutions.
- Extensive in-house environmental test capability enabling quicker turnaround, and low costs.
- Rapid adoption of **advanced manufacturing techniques** and technology.
- **Proven design** & manufactured solutions to meet MIL-SPEC 810, 461, 1275, 704, 901 and other applicable standards.
- Proven **obsolescence management.**

Defence Ready Solutions

Displays & panel PCs | Consoles |
 Message handling systems | Mission systems |
 Critical communication infrastructure |
 Submarine control systems | Flight computers & recorders |
 Bespoke cabinets | Generators & power distribution |
 Modular rackmount systems | ICCP |
 Communication & intercom systems |
 Sensor fusion systems | Quality of life systems |

Customers & Platforms

Raytheon | Thales | SAAB | BAE Systems | Lockheed Martin |
 General Atomics | Cobham | ST Technologies |
 AOR | AWD | Collins Class | ANZAC Class | AMSA |
 CoastWatch | P3 Orion |

Partners & Associations

Aish Technologies | Aitech | Cursor Controls | Wormald |
 Major Australian & overseas defence primes |
 DTC | AIDN | TDA | SIA | Defence SA |

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