

Integrated  Tech  For Defence

# Electronics and Power Management Solutions



**ADT**

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## **Australian Defence Technology (ADT) provide a comprehensive range of electrical, mechanical and electronic products and services.**

ADT specialise in bespoke Engineered Solutions, which provide electronic engineering and technical services to deliver value-added outcomes and competitive advantage for its supply partners and customers.

Australian Defence Technology are leading designers, manufacturers and service providers for power management and electronic equipment solutions utilising Leach power switching and control for Australian Defence Vehicles.

ADT strives to satisfy the expectations and needs of its diverse customer base. Key deliverables such as meeting delivery deadlines via our efficient and comprehensive freight network, and providing solutions-based sales concepts and proposals that encompass cost efficiencies and competitive advantage, are just part of the unique way ADT adds value.

### **Our core capabilities are:**

- Ability to overcome equipment obsolescence – through overhauls, upgrades, reengineering, redesign of components.
- Trouble shooters for OEMs – providing deep expertise and problem-solving capability.
- Prototype and niche equipment design and manufacturers.
- Trusted provider of bespoke electronics and power management solutions for all operating environments.
- Established AIC supplier to Defence Primes, with a broad network of partners and manufacturers.

**We leverage our design, engineering and manufacturing expertise to create solutions-oriented equipment for power distribution and control.**

**Combining our components with unique package design and manufacturing capabilities we provide solutions such as:**

- AC/DC Primary and secondary power distribution assemblies
- Relay subracks and panels
- Highly ruggedised electronics
- Advanced auxiliary power units and energy conversion technologies
- Smart contactors
- Wiring integrated assemblies

**We do build to print to manufacture to the EOM equivalent. We also reverse-engineer where vendors are no longer in business or designs are no longer available.**

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## With more than 10 years' experience for ultra-low volume customised products manufactured to stringent specifications including:

- Project management and integration support
- Customised assembly solutions
- Components and spare parts
- Highly complex quality products
- Rapid prototyping
- Electrical testing assemblies
- Test equipment and processes
- On time delivery
- Through life support
- Obsolescence management
- Reverse engineering and re-manufactured equipment

## Bespoke engineering solutions

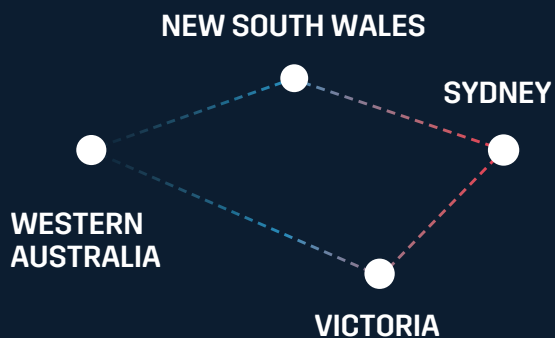
**ADT have demonstrated capacity to design and manufacture bespoke solutions for the changing operating environments of our clients.**

An example is a recent project to design and manufacture operators' consoles to meet human factors requirements and tight size restraints.

ADT incorporated their award winning, patented technology in delivering an ultra-low profile LED backlit console. This technology enables thinner panels, while showing the console status. The console is configurable to match the operational environment, and is customisable to meet new build and retrofit situations.



**ADT is a subsidiary of its parent company Australian Rail Technology, which has been in operation for over 30 years and seen steady growth over that time. ADT was specifically developed to expand its service to the Australian Defence market.**



The company employs 35 people and has a high level of experienced development engineers and highly skilled production and assembly technicians.

One of our greatest assets is that we do all of our engineering and manufacturing locally through our headquarters and in Sydney, Taree electronics facility or Tullamarine. We have business locations in NSW, Victoria, and Western Australia.

We are fully compliant through our ISO9001:2015 QMS accreditation, along with holding our Occupational Health and Safety, and Environmental Management accreditations.



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