

Integrated  Tech  For Defence

# Capability Statement



**ADT**

# Electronics and Power Management Solutions

**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.**

**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.

## ■ DESIGN AND MANUFACTURE



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## Key Personnel



**David Wynd**  
**Chief Executive Officer**

Reporting to the Board, David is responsible for the operation of ADT and its related entities. A chartered Engineer, he served for with more than 11 years experience in Defence - both uniformed and industry, and 10 years in executive roles. David has worked with ADT's owners and Directors over the past 4 years to move the company from an owner managed business. Successfully completed, ART is now embarking on a growth phase to take advantage of its increased efficiency.



**Michael Briggs**  
**National Engineering Manager**

Recently re-joining the company, Michael is a highly accomplished Manager and Engineer delivery of complex technology for Rail, Defence and Instrumentation sectors. He has extensive experience in government organisations and large corporations, including small specialised companies in Australia and the UK.



**Blake Smith**  
**National Operations Manager**

Blake manages ADT's Operations and until recently the Engineering Manager. Originally joining from the auto-sports industry in 2017, he has extensive experience in developing high performance teams. Also an Engineer, Blake drives a pragmatic outcome focused culture across the business.



**Paul Boere**  
**Electronics Engineering Manager**

Paul, a qualified Electronics Engineer, is the Manager of the Taree workshop. He has worked on electronic design and manufacturing for over 22 years. Paul's primary focus is electronic hardware and software design.



**Peter Raemers**  
**National Sales Manager**

Recently joining the company, Peter has over 28 years experience in business development within various technical industries. Having held several international business development roles, along with National and Sector sales leadership roles, Peter maintains strong executive level relationships with many key customers.

## Our supply chain and manufacturing partnerships

ADT has strategic relationships with a number of international companies specialising in cutting edge technology's to offer local capability and technical support to the Australian and New Zealand market.

PARTNER	COUNTRY	PRODUCTS CATEGORY	DURATION OF PARTNERSHIP	VALUE OF RELATIONSHIP	LOCAL CAPABILITY
LEACH INTERNATIONAL		Relay and power supply solutions	10+ years	Sole manufacturing partner in Australia, Market leading reliability	Application engineering, warranty support, upgrades, repair
MTM POWER		Power suppliers	10+ years	Complete range of approved power conversion solutions	Application engineering, warranty support
JLANFRANCO		Infrastructure fixings	10+ years	Vibration proof fixings	Sales, warranty support
S&C DISTRIBUTION COMPANY		Specialty meters	6 years	To compliment ART's Leonards range of meters	Sales, warranty support
PANTO INSPECT IMAGE HOUSE		Condition Monitoring	8 years	World leading optical scanning technology	Systems integration, warranty support, upgrades
LOGIPLUS		Dataloggers & Access control systems	4 years	Vehicle management and SIL qualified systems deployed in Australia	Sales, warranty support
EKE ELECTRONICS		Data Loggers and network switches	6 years	Comprehensive range of qualified rack equipment	Warranty support, repairs
FOGTEC FIRE PROTECTION		Fire detection and suppression	3 years	Fire detection and suppression systems suitable for marine and land systems	Application engineering, warranty support, upgrades, repair
GIPRO		Polymeric Resin Insulators	2 years	High quality, cost effective high voltage insulators	Application engineering, warranty support
GLOVA RAIL		Waste disposal system	1 year	Specialty waste disposal systems for vehicles	Warranty support, upgrades, repair

# Specialists in bespoke engineered solutions.

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

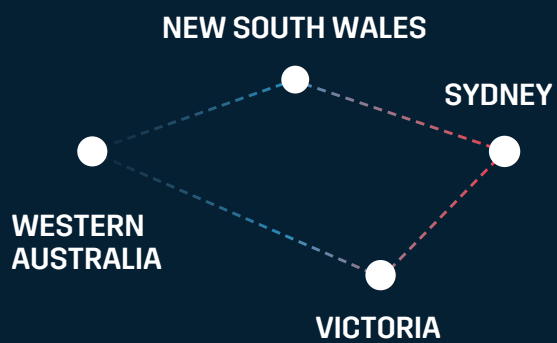
The company employs 35 people and has a high level of experienced development engineers and highly skilled production and assembly technicians.

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.



ADT has met the prequalification requirements of FACCI Policy to be Contract ready. ADT proudly represents Australia's First People Business Owners, Families and Communities.



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**ADT**  
AUSTRALIAN DEFENCE TECHNOLOGY