

# AVALON

2025

CAPABILITY CATALOGUE



**Defence Teaming Centre**  
Connecting • Developing • Advocating



**Government of  
South Australia**

**DEFENCE SA**

# LEADERS, RISE

The Defence Industry Leadership Program (DILP) has played a pivotal role in nurturing the personal and professional growth of more than 300 defence industry leaders since its establishment in 2010.

Within the context of the rapidly evolving Australian defence landscape, the demand for adept, forward-looking, and collaborative leadership has never been greater.

DILP is a nine-month immersive leadership program co-ordinated and delivered by the Defence Teaming Centre (DTC) in collaboration with registered training provider, Skills Lab, a SAGE Group company. This comprehensive program is designed to nurture and elevate core leadership abilities within the distinctive context of Australia's defence industry.

Expressions of Interest for the 2026 intake are **now open**. Scan the QR code for more information.



## DEFENCE INDUSTRY LEADERSHIP PROGRAM

Growing leadership capability  
in Australia's defence sector.



MARCH 2026 – NOVEMBER 2026

Submit an  
EOI





# CONTENTS

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Capability Matrix	04
Foreword	12
About the DTC	13
Avalon Floorplan	15
South Australia – The Defence State	17
PMB Defence / Hendon Semiconductors	40





# CAPABILITY MATRIX

Quad Chart Page Number			21						21						22		23		23	24	42	24	25	
GENERAL	Robotics			●	●			●																
	Cyber Security			●											●				●					
	ICT			●		●	●		●	●					●				●					
	Intelligence, Surveillance & Recon			●					●						●				●					●
	Systems Engineering			●		●			●					●				●		●				●
	Testing Equipment		●	●				●						●					●					●
	Software Engineering/Architecture			●		●			●					●				●		●				●
	Electronic Warfare	●		●				●						●				●		●				●
	Communications/Network			●		●		●	●		●			●				●		●				●
	Machine Learning/Artificial Intelligence			●	●									●					●					
	Industrial	●		●				●	●	●					●					●				●
	Construction & Infrastructure			●				●	●					●						●				●
	Missiles & Explosive Ordnance							●																
	Hypersonics							●							●									
ENGINEERING	Mechanical		●	●			●	●	●	●				●										●
	Structural			●			●	●	●		●													
	Electrical	●		●			●	●	●		●		●											●
	Civil			●				●	●															
	Mechatronic	●		●			●	●	●														●	●
	Software			●	●	●		●	●		●		●		●			●		●			●	●
	Systems			●		●		●	●		●		●		●		●	●		●			●	●
	Safety			●				●	●		●			●									●	●
	MANUFACTURING	Electronics	●		●			●						●	●			●						
Sheet Metal							●	●						●										
Medium to Heavy Steel Fabrication							●							●										
Plastics							●																	
Composites																								
Precision			●	●			●							●	●									
PROFESSIONAL SERVICES		Design/Creative			●			●		●					●				●					
	Legal		●																		●			
	Workforce/HR Support															●	●				●			
	Banking/Finance		●				●												●		●			
	Bidding/Tender Writing						●						●		●								●	
	Marketing / Communications												●											
	Project Management					●	●	●	●		●		●	●	●			●		●	●		●	
	Consultants		●		●	●	●		●		●		●	●	●	●	●	●	●	●	●		●	
	Logistics/Transport								●						●									
	Research & Development	●		●			●	●					●	●	●			●		●				●
	Training & Education			●		●							●	●			●		●					
	Through-Life Support	●				●		●	●		●			●			●	●		●				
	Inspection, Testing, Certification & Asset Integrity		●	●		●	●	●																
	Insurance		●																					
SPACE	Advanced Manufacturing			●			●	●						●										
	Command Centre Data Processing and Management			●										●										
	Design of Components, Instrumentation, Sensors or Satellites	●		●			●	●					●	●										
	Design Testing			●																				
	Global Positioning			●										●										
	Ground Systems for Space Technology	●		●										●										
	Research & Development	●		●								●	●	●					●					
	Space Launch Risk Hazard Analysis			●										●										
Telecommunications	●		●				●						●				●		●					
NUCLEAR	Engineering and Design			●			●																	
	Manufacturing		●	●			●																	
	Through Life Support	●		●													●							

\* Exhibitor on the South Australia - The Defence State stand | E = Exports to different markets

# CAPABILITY MATRIX

Quad Chart Page Number		25	26	27	28	29
GENERAL	Robotics		●		●	
	Cyber Security	●	●			
	ICT	●	●			
	Intelligence, Surveillance & Recon		●			
	Systems Engineering		●	●	●	●
	Testing Equipment		●			
	Software Engineering/Architecture		●	●	●	●
	Electronic Warfare		●	●	●	●
	Communications/Network	●	●	●	●	●
	Machine Learning/Artificial Intelligence		●	●	●	●
	Industrial			●	●	
	Construction & Infrastructure	●			●	
	Missiles & Explosive Ordnance					●
	Hypersonics					●
ENGINEERING	Mechanical	●			●	●
	Structural	●			●	●
	Electrical	●	●	●	●	●
	Civil	●			●	
	Mechatronic		●	●	●	●
	Software		●	●	●	●
	Systems		●	●	●	●
	Safety		●		●	
MANUFACTURING	Electronics			●	●	●
	Sheet Metal					●
	Medium to Heavy Steel Fabrication				●	●
	Plastics				●	●
	Composites					
	Precision			●		●
PROFESSIONAL SERVICES	Design/Creative	●				●
	Legal					
	Workforce/HR Support				●	●
	Banking/Finance				●	
	Bidding/Tender Writing					●
	Marketing / Communications	●	●	●		
	Project Management	●	●	●	●	●
	Consultants		●	●	●	●
	Logistics/Transport		●			
	Research & Development		●	●	●	●
	Training & Education		●	●		
	Through-Life Support		●	●	●	●
	Inspection, Testing, Certification & Asset Integrity			●	●	●
	Insurance					
SPACE	Advanced Manufacturing				●	●
	Command Centre Data Processing and Management			●		
	Design of Components, Instrumentation, Sensors or Satellites				●	●
	Design Testing			●	●	●
	Global Positioning					
	Ground Systems for Space Technology				●	
	Research & Development			●	●	●
	Space Launch Risk Hazard Analysis			●		
	Telecommunications					
NUCLEAR	Engineering and Design			●	●	●
	Manufacturing			●	●	●
	Through Life Support			●		●

\*Exhibitor on the 'South Australia - The Defence State' stand | E = Exports to different markets

# CAPABILITY MATRIX

Quad Chart Page Number		Howwe ANZ Pty Ltd	HTR ENGINEERING	Humanituh Pty Ltd	Hunter Careers	ICF Insurance Brokers Pty. Ltd.	IMI Critical Engineering (PAC) Pty Ltd	Indra Australia Pty Ltd	INKOSI Professional Services - ADF Contractor Support	Insight Via Artificial Intelligence	Intract Australia Pty Ltd	Inventure Partners	IOCANE Pty Ltd	ISC Consulting Group	Johnson Winter Slattery	KBR	Key Tubing & Electrical Pty Ltd	KPMG	L3Harris Technologies Australia	Laserbond Ltd	Lecon	Leedall - Future Thinking for Defence	Leidos Australia	Lencom Antennas	*LEVETT ENGINEERING PTY LTD	Logi-Tech	Luerssen Australia	Lumination	Luscombe Solutions Australia	MacIaggart Scott Australia	ManpowerGroup			
GENERAL	Robotics		●							●							●		●	●														
	Cyber Security		●							●			●	●					●	●			●			●								
	ICT	●	●							●			●	●						●	●		●	●		●								
	Intelligence, Surveillance & Recon		●					●		●									●	●			●	●										
	Systems Engineering		●					●		●			●						●	●		●	●							●				
	Testing Equipment		●							●									●	●					●	●								
	Software Engineering/Architecture		●					●		●									●	●			●					●						
	Electronic Warfare		●					●		●									●	●				●										
	Communications/Network		●					●		●			●						●	●		●	●	●		●								
	Machine Learning/Artificial Intelligence									●									●	●			●	●			●	●						
	Industrial			●				●												●	●			●	●									
	Construction & Infrastructure			●				●												●	●													
	Missiles & Explosive Ordnance		●																	●	●													
	Hypersonics		●																	●	●													
ENGINEERING	Mechanical		●	●			●	●												●	●			●	●							●		
	Structural		●	●				●			●									●	●						●	●						
	Electrical		●	●				●			●						●		●	●				●				●	●					
	Civil							●			●									●	●							●	●					
	Mechatronic		●				●			●							●											●	●				●	
	Software	●	●					●		●									●	●		●	●			●	●							
	Systems		●					●		●			●					●	●		●	●				●	●						●	
	Safety		●	●																								●	●					
MANUFACTURING	Electronics												●				●		●				●											
	Sheet Metal						●													●			●											
	Medium to Heavy Steel Fabrication			●																●														
	Plastics						●																										●	
	Composites						●																										●	
	Precision						●														●				●								●	
PROFESSIONAL SERVICES	Design/Creative		●				●		●								●									●	●	●				●		
	Legal														●																			
	Workforce/HR Support			●										●	●											●							●	
	Banking/Finance														●																			
	Bidding/Tender Writing									●																								●
	Marketing / Communications													●																				●
	Project Management		●	●				●	●											●	●	●		●	●	●	●	●					●	
	Consultants	●	●		●	●			●	●		●	●	●						●	●	●		●	●	●	●	●					●	
	Logistics/Transport			●					●																									
	Research & Development		●	●			●			●		●						●		●	●		●	●			●	●					●	●
	Training & Education		●	●						●					●												●	●						●
	Through-Life Support		●	●			●		●											●	●		●	●									●	
	Inspection, Testing, Certification & Asset Integrity		●					●		●											●	●											●	
Insurance						●									●																			
SPACE	Advanced Manufacturing																		●	●														
	Command Centre Data Processing and Management									●												●												
	Design of Components, Instrumentation, Sensors or Satellites						●	●												●														
	Design Testing									●										●														
	Global Positioning																			●														
	Ground Systems for Space Technology							●		●										●	●													
	Research & Development									●										●	●													
	Space Launch Risk Hazard Analysis																			●														
Telecommunications		●					●		●										●															
NUCLEAR	Engineering and Design		●																	●														
	Manufacturing																			●														
	Through Life Support		●						●											●														

\* Exhibitor on the South Australia - The Defence State stand | E = Exports to different markets





# CAPABILITY MATRIX

Quad Chart Page Number				33	34		34										35						36	
GENERAL	Robotics	●	●				●	●																
	Cyber Security			●			●	●														●	●	
	ICT			●				●	●													●	●	
	Intelligence, Surveillance & Recon			●			●	●	●													●	●	
	Systems Engineering		●	●			●	●														●	●	
	Testing Equipment					●												●						
	Software Engineering/Architecture			●			●	●														●		
	Electronic Warfare						●															●		
	Communications/Network			●			●															●		
	Machine Learning/Artificial Intelligence	●						●														●		
	Industrial	●	●			●			●									●	●	●	●	●		●
	Construction & Infrastructure			●			●	●		●														
	Missiles & Explosive Ordnance							●										●						
	Hypersonics							●																
ENGINEERING	Mechanical	●	●			●	●	●	●		●	●	●				●	●	●				●	
	Structural						●	●				●												
	Electrical						●	●	●			●					●		●		●			
	Civil						●																	
	Mechatronic	●					●		●			●					●				●	●		
	Software			●			●	●	●			●								●	●	●		
	Systems						●	●	●	●		●					●				●	●		
	Safety						●	●														●		
	MANUFACTURING	Electronics					●					●						●				●	●	
Sheet Metal			●															●	●				●	
Medium to Heavy Steel Fabrication		●							●								●	●	●				●	
Plastics											●						●						●	
Composites		●									●												●	
Precision		●				●			●		●						●	●		●			●	
PROFESSIONAL SERVICES	Design/Creative	●				●										●							●	
	Legal					●																		
	Workforce/HR Support			●	●	●				●												●		
	Banking/Finance					●																		
	Bidding/Tender Writing			●				●																
	Marketing / Communications			●																				
	Project Management	●	●	●			●	●	●	●							●		●			●		
	Consultants			●		●	●	●	●	●		●					●		●				●	
	Logistics/Transport						●		●															
	Research & Development	●				●		●													●	●		●
	Training & Education				●	●										●						●	●	
	Through-Life Support		●			●		●														●		
	Inspection, Testing, Certification & Asset Integrity	●				●		●										●	●					
	Insurance																							
SPACE	Advanced Manufacturing																●		●				●	
	Command Centre Data Processing and Management																							
	Design of Components, Instrumentation, Sensors or Satellites						●																●	
	Design Testing					●																		
	Global Positioning																							
	Ground Systems for Space Technology																							
	Research & Development						●																	
	Space Launch Risk Hazard Analysis						●																	
NUCLEAR	Engineering and Design					●	●																	
	Manufacturing					●												●					●	
	Through Life Support					●																	●	

\*Exhibitor on the South Australia – The Defence State stand | E = Exports to different markets



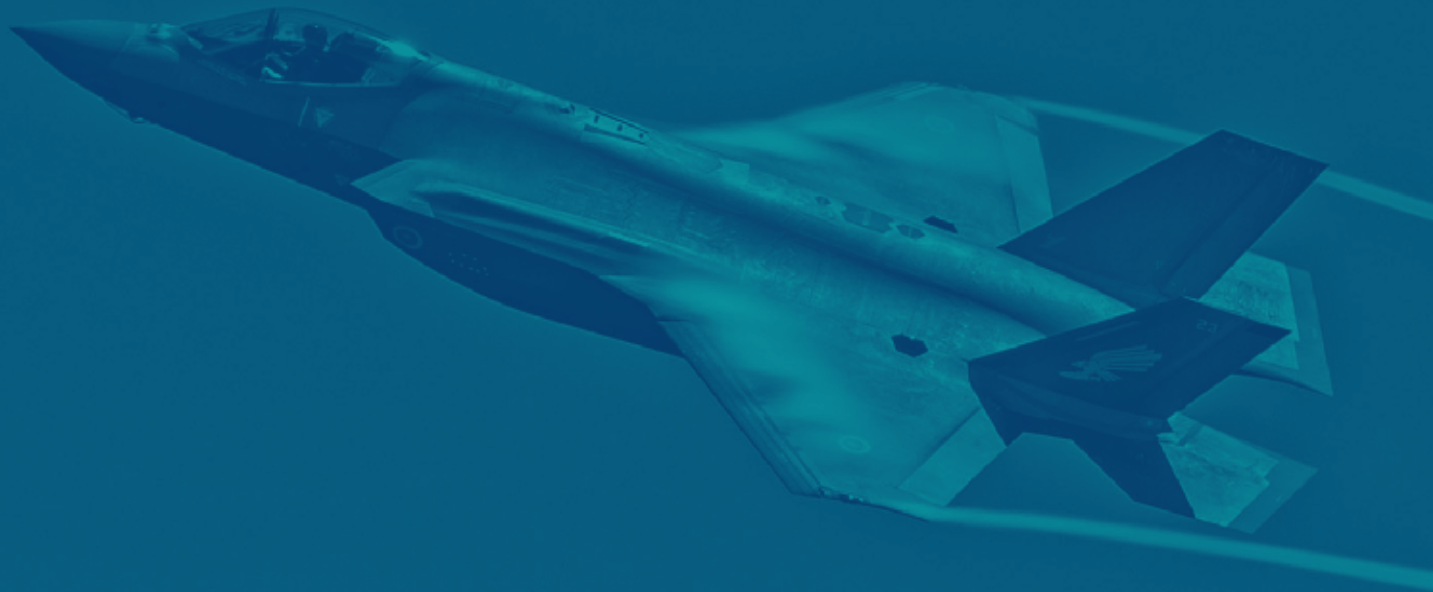


# CAPABILITY MATRIX

Quad Chart Page Number		39			39
GENERAL	Robotics				
	Cyber Security				
	ICT				
	Intelligence, Surveillance & Recon				
	Systems Engineering				
	Testing Equipment				
	Software Engineering/Architecture				
	Electronic Warfare				
	Communications/Network				
	Machine Learning/Artificial Intelligence				
	Industrial		●		
	Construction & Infrastructure		●		●
	Missiles & Explosive Ordnance				
	Hypersonics				
ENGINEERING	Mechanical		●		
	Structural		●		
	Electrical				
	Civil		●		
	Mechatronic				
	Software				
	Systems				
	Safety				
	MANUFACTURING	Electronics			
Sheet Metal			●		
Medium to Heavy Steel Fabrication			●		
Plastics					
Composites					
Precision			●		
PROFESSIONAL SERVICES	Design/Creative		●		●
	Legal				
	Workforce/HR Support			●	●
	Banking/Finance	●			
	Bidding/Tender Writing				●
	Marketing / Communications				
	Project Management		●	●	●
	Consultants				●
	Logistics/Transport				
	Research & Development				
	Training & Education			●	●
	Through-Life Support		●		●
	Inspection, Testing, Certification & Asset Integrity				
Insurance					
SPACE	Advanced Manufacturing		●		
	Command Centre Data Processing and Management				
	Design of Components, Instrumentation, Sensors or Satellites				
	Design Testing				
	Global Positioning				
	Ground Systems for Space Technology				
	Research & Development				
	Space Launch Risk Hazard Analysis				
Telecommunications					
NUCLEAR	Engineering and Design				
	Manufacturing		●		
	Through Life Support				

William Buck Accountants and Advisors					F
Williams Metal Fabrications					
Workpac Group					
WorkSec - Trusted Workforce					
Workspace Commercial Furniture					
Wrays					





# FOREWORD

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The Defence Teaming Centre and Defence SA are proud to collaborate with an exciting group of South Australian based companies to showcase the breadth of capabilities of “The Defence State”, which includes manufacturing, engineering services, software, training and academia.

Defence SA is South Australia’s lead government agency for all defence matters. It provides a single, focused and strategic contact point for interaction across the South Australian Government to create an environment where industry can thrive. Defence SA’s mission is the sustainable economic growth of the defence sector in South Australia.

The Defence Teaming Centre and Defence SA encourage you to learn more about the companies represented both on The Defence State stand and also those DTC members who were unable to attend Avalon Australian International Airshow through this Capability Catalogue.

Defence SA and Defence Teaming Centre welcome the opportunity to help you make new connections and forge productive industry partnerships.



# INTRODUCING THE DTC

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Based in Adelaide, South Australia, the Defence Teaming Centre (DTC) is a leading not-for-profit member-based industry association that invests 100% of its earnings into maturing the Australian defence sector through a variety of services, educational initiatives, events, networking and advocacy. We bring together Defence Primes, SMEs, academia and professional service providers to grow and develop the sector and to support Australia's strategic defence interests. The DTC's role is to represent South Australian defence industry, and national defence industry that has an interest in SA-based business and we do this by connecting our members, developing opportunities for growth and advocating for our industry.

We have three main focus areas in the ever-evolving defence sector:

1. AUKUS Pillar I and Pillar II
2. Workforce skills and training
3. Strengthening the mid-tier of the defence industry.

## WHAT WE DO

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As a leading industry association, we are continually guiding and supporting defence industry to navigate through the evolving Defence landscape and win work in the defence sector. We do this by providing tailored services including market advice, coaching and professional development programs to create mature defence businesses across Air, Land, Sea, Space and Cyber.

Our professional staff bring together Defence Primes, SMEs, academia and professional service providers to collaborate for defence market opportunities through a comprehensive calendar of events and development programs. Members receive facilitated introductions to key defence decision makers across the sector and advice on how to approach the defence market. Our goal is to maintain a strong, sustainable and vibrant defence industry in Australia. We work closely with key defence stakeholders and governments to deliver services that align with this goal. Our members are continually evolving to meet the needs of Defence through our cost-effective training and development activities including our Defence Industry Leadership Program (DILP) and The Defence Graduate Learning Program for graduate engineers.

Our members cover the full range of products and services required to meet the needs of Defence across the multitude of sectors. The capability provided spans high end systems engineering and integration; advanced industrial manufacturing and precision components; design engineering and development; electronics engineering; development of new technology and products; fabrication and traditional manufacturing through to through-life support, facility construction, military base services and support for ADF personnel. Defence industry and member capabilities also include a range of supporting professional services such as specialist IP lawyers, immigration specialists, IT & cyber security expertise.



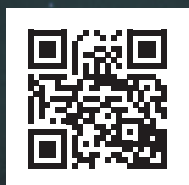
# FIND SPACE IN ADELAIDE

SOUTH AUSTRALIA  
-THE PRIME PLACE  
FOR SPACE  
IN AUSTRALIA.

Home to the Australian Space Agency and over 100 space-related organisations, South Australia is at the forefront of the nation's space endeavours.

South Australia is pushing the frontiers of technology and growing an enduring sovereign space capability. With two launch sites, cutting-edge small satellite design facilities, mission control, and advanced ground stations, South Australia is paving the way for international investment and collaborations, cementing its reputation on the global stage.

Explore the possibilities now  
at [SASIC.SA.GOV.AU](https://SASIC.SA.GOV.AU)



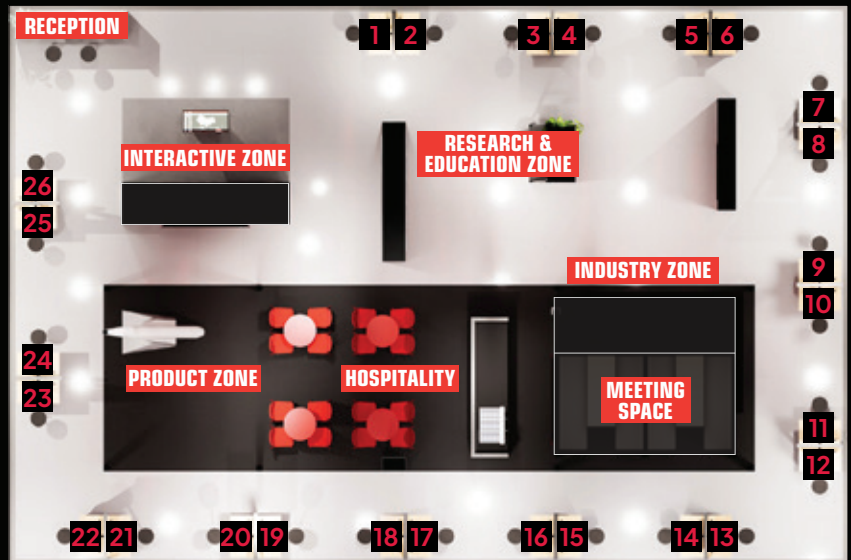
Government of  
South Australia



# AVALON AUSTRALIAN INTERNATIONAL AIRSHOW 2025

## Pod Exhibitors

1. Ultra Maritime
2. Axiom Precision Manufacturing
3. Silentium Defence
4. Hendon Semiconductors
5. AML3D
6. Acacia Systems
7. ADCG
8. Para Bellum Solutions and Logi Tech
9. AEROBOND Group
10. Norseld Photonics
11. CGI Technologies and Solutions Australia
12. Daronmont Technologies
13. AJF Professional Services
14. Dedicated Systems Australia
15. Levett Engineering



16. Defence Teaming Centre
17. MCT Brattberg Australia
18. Techforce Personnel
19. Stärke AMG
20. APC Technology
21. Southern Launch
22. Inovor Technologies
23. Sovereign Propulsion Systems
24. RFTEQ
25. Airspeed
26. Praetorian Aeronautics

## Industry Zone

- AICRAFT
- ARES Armaments Australia
- Arrow Electronics Australia
- Ascent
- Black Art Technologies
- Cambrian Defence & Space
- Centralian Controls
- Customs Agency Services
- CyberOps
- CYLAD
- De Stefano & Co | Defence and Security Experts
- Ecco Consulting
- Eyre Strategic Partnerships
- Industry Capability Network South Australia
- Mincham
- MTE
- Neumann Space
- Nova Systems
- OpSys Australia
- REDARC Defence & Space
- Red Hat
- RFShop Australia
- Saber Astronautics
- Secure State
- Shoal Group
- Solinnov
- TQCSI
- United Fasteners
- Veterans SA

## Research and Education Zone Exhibitors

- Defence Innovation Partnership
- Flinders University
- The University of Adelaide
- University of South Australia





# SOUTH AUSTRALIA THE DEFENCE STATE

**A key partner in the AUKUS alliance, South Australia is shaping its future through job creation, investment and innovation in defence.**

South Australia boasts the nation's most skilled defence workforce, cutting-edge infrastructure, and a collaborative industry and research ecosystem that consistently delivers world-class capabilities.

With expertise across maritime, advanced systems, aerospace, land, research and development and space, South Australia is at the forefront of global defence innovation.

Defence SA, the state's lead agency for defence, drives growth and opportunity in major projects locally and internationally, solidifying South Australia's reputation as a defence industry leader.

**When it comes to defence, think South Australia – The Defence State.**



Learn more



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SOUTH AUSTRALIA

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THE  
**DEFENCE  
STATE**

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ADCG was founded in 2009 and is one of the largest firms of its kind. We ensure that employees and subcontractors are security cleared and Defence and Government Ready to win business in this rapidly evolving market.

We support Industry by providing the full suite of Defence Industry Security Program pillars, assisting companies to obtain DISP Accreditation. We particularly focus on facilitating sponsorship and through-life governance and management of Australian Government and Defence Security Clearances.

We currently support more than 2,000 individuals and organisations. We have a strong personnel and organisational network; our aim is to match people and jobs.

Our Strategic Consultancy Group works to solve complex Defence and Industry problems by providing qualified subject matter expertise in strategic analysis, project definition and management, mentoring and advocacy.

**PROUDLY  
VETERAN  
OWNED &  
OPERATED**



### CAPABILITIES

- Facilitation of Security Clearance applications to AGSVA and Sponsorship
- Governance and management of Security Clearances at Baseline, NV1 and NV2 for individuals and organisations
- DISP Accreditation Support to Industry
- DISP Governance Support to Industry
- Strategic Consultancy
- Nuclear Consultancy

### DISCRIMINATORS

- Security Officers who are Subject Matter Experts in the security clearance application and management process
- Through-life security clearance aftercare and management
- Responsive, extended hours support
- Alliances with complementary Subject Matter Experts
- Vast network of security cleared consultants and personnel
- Access to over 3,000 nuclear qualified personnel

### KEY CUSTOMERS

- Individuals looking for work in Defence and Government Industry
- Businesses seeking DISP Accreditation
- Recruiting organisations
- Contracting organisations
- Nuclear supply chain companies
- We support global companies, large corporates, and more than 170 SME/SMB throughout the Defence Supply Chain

### KEY MARKETS

- Australia-wide service
- International clients
- Companies seeking ISO 19443 accreditation
- Defence, Government and Industry

### QUALITY APPROVALS

- Defence Industry Security Program (DISP) accreditation up to Level 3 for Personnel Security and Governance



As one of Australia's few nuclear consultancy services, ADCG's Nuclear Consultancy Group offers a range of services tailored to the needs of the nuclear-powered submarine industry, whether for regulatory compliance, operational efficiency, safety, or nuclear maintenance and sustainment.

NCG has access to a nuclear-power community talent pool of over 3,000 personnel. These highly educated and skilled nuclear professionals are ready to assist Australian organisations to become 'Sovereign Ready' and deliver on AUKUS Pillar One goals.

NCG's signature Nuclear-Powered Submarine Masterclass is a one-day course to designed to educate industry about nuclear ecosystems and nuclear-powered submarines in preparation for AUKUS Pillar One.



### CONTACT US

ncg@adcg.com.au  
www.adcg.com.au  
Ph: 1300 11 23 24

## AJF Professional Services - ILS Training & Services

### ILS Topics

Key ILS Elements  
ILS & IPS Life Cycle  
Logistics Support Analysis (LSA)  
FMECA, LORA, RCM, RAM & LCC  
Supply Chain / Spares / Tech Data  
TLS / ISS / PBL & more



Professional and ethical service is our business

### Our Capabilities

ILS Services since 2005  
ILS Training & Consulting  
Bid and Tender Consulting  
Project & Risk Management  
RAM consulting

### Course Content

Aust / UK / US / EU Standards  
All Key ILS principles  
Content relevant to all technologies  
Content tailorable to your needs  
Asset Management & IPS Overview

**Integrated  
Logistics Support  
Training**

### Who should attend?

PM Team members  
Engineers & Technicians  
ILS / IPS newcomers & ILS refresher  
All technical disciplines

### Course Formats / Style

Interactive workshop style  
Practical class exercises  
Online, In house or open courses  
Adaptable 2-4 day courses - flexible dates  
1/2 day CXO Overviews

### Contact Details

+61 408 466 276  
principal@ajfprofessionals.com.au  
www.ajfprofessionals.com.au  
Based in Adelaide Australia  
with world wide online reach

### ILS Course Instructor

Andrew Ferguson  
MBA, CPLog, BEng, Grad Dip PM  
Wide Defence ILS, Eng & PM experience  
Very effective coach & trainer  
Current Security Clearance  
ILS Consultant

He hath shewed thee, O man, what is good: and what doth the Lord require of thee, but to do justly, and to love mercy, and to walk humbly with thy God?

Micah 6:8 circa 700 BC





**Engineered for the elements**

APC Technology, proudly Australian owned and operated, has been at the forefront of ruggedised technology manufacturing for over 40 years. We deliver a comprehensive service, offering end-to-end capabilities from developing solutions based on detailed build specifications to expertly executing build-to-print requirements.

Our expertise extends beyond Defence into commercial industries, such as mining and industrial, providing durable and reliable solutions tailored to withstand the most demanding environments.

**Pioneers of Aerospace electronic ruggedisation**

- Display & Panel PC's
- HMI consoles
- Keyboards & trackballs
- Critical communications
- Air portable generators
- Environmental testing of aerospace products for design pre-qualification



**Capabilities**

- Design Engineering
- Product Prototyping
- Ruggedised Electronics
- Contract Manufacturing / Build to print
- Environmental Testing
- Sustainment & Obsolescence Management
- Project Management

**Discriminators**

- 40 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 of 1650sqm is centrally located
- Extensive in-house environmental test capability
- Rapid adoption of advanced manufacturing techniques and technology.
- Proven design & manufactured solutions to meet MIL-STD and other applicable standards.
- Sustainment and obsolescence management.

**Key Customers**



**Company**

Founded in 2016 by a group of military veterans, Ascent's roots stem from our expertise in Guided Weapons and Explosive Ordnance (GWEO) Engineering, Acquisition and Sustainment. Ascent have subsequently grown to over 50 employees across Australia supporting numerous defence programs across the Explosive Ordnance and Aerospace domains.

Ascent is one of the few companies in our field that is 100% veteran owned, 100% Australian-owned and committed to Raise Train and Sustain the future generations of Defence GWEO engineers with our Graduate Development program: now in its 4th year of operation.

While we are best known for our work as GWEO subject matter experts, Ascent has a strong and growing presence in the wider Defence Consultancy, Research and Development, Space and Aerospace sectors.

**Capabilities**

- ✓ Aircraft Structural Integrity Management
- ✓ GWEO Engineering & Certification
- ✓ Management Consultancy
- ✓ Program Management
- ✓ Risk Management
- ✓ Engineering and Technical Advice
- ✓ Support to Future & Emerging Capabilities
- ✓ Integrated Logistics Support
- ✓ System Safety Management
- ✓ Solid Rocket Motor Research and Development

**Competitive Discriminators**

- ✓ We are 100% veteran-owned and operated.
- ✓ We are 100% Australian-owned and operated.
- ✓ High proportion of veteran employees who understand and are committed to client outcomes: We put our customers first.
- ✓ We understand Defence and ADF needs as an employer of veterans and active reservists.
- ✓ We have a reputation for "getting the job done".

**Certifications & Awards**

- ✓ Defence Support Service (DSS) Panel Level 4 Certified for Aerospace Systems, Mechanical Engineering, Safety Management, Systems Engineering, Test and Evaluation and many others up to Level 3.
- ✓ Defence Innovation, Science and Technology (DIST) Panel Level 1-5 across numerous skill sets including Aeronautical engineering, Blast Physics, Energetic Materials and Undersea Warfare and Sonar Technologies.
- ✓ Defence Industry Security Program (DISP) accreditation.
- ✓ Defence Reserves and Employer Support Winner 2021.

**Research and Development**

**CorroVision** - a software AI tool to predict, optimise and reduce unscheduled corrosion-related maintenance for Commercial and Military Aircraft, intended to minimise downtime, increase platform availability and optimise the spend. As a novel and revolutionary development, interest in this program is high, with our team presenting on it at both the ADF Propulsion Systems Symposium in Melbourne and the NAVAIR MRO Workshop conference in Washington DC during 2022.

**Aerospace Division**

- ✓ As a selective employer, we hire great people and bring on board some of the best people available in the industry.
- ✓ We have highly qualified and experienced senior consultants boasting 15+ years' experience across the breadth and depth of the Defence industry.
- ✓ We are highly accredited with State, National and Internationally Certified and Accredited Engineers on staff.
- ✓ We are building a future workforce and proudly support this through our graduate and undergraduate programs.

**Key Aviation Customers**

- ✓ **Australian Space Agency** for launch services, Launch Licence Applications and Launch Services Providers, in partnership with Praxis Aerospace.
- ✓ **CASG - ACEASPO** supporting F/A-18F Super Hornet, Weapons Integration.
- ✓ **GWEOG - AEOSPO** working with multiple Explosive Ordnance systems for multiple Aircraft Types, and Aircraft Weapons for F-35, F/A-18, EA-18G, and Hawk.

**AeroATLAS** - an electronic kneepad application tool to assist military aircrew in managing aircraft weight and balance throughout the entire mission profile. Developed from the ground up by military weight and balance subject matter experts to assist with the accurate and holistic management of pre-flight and inflight aircraft weight and balance, focussing on military applications.

**Partners & Memberships**

LOT FOUR TEEN





# QUAD CHART

## CAPABILITIES

Compliance & Advisory Services

Product & System Safety

Lifecycle Engineering & Assessment

Verification & Validation (V&V) Services

Vendor Surveillance & Quality Assurance

Statutory & Regulatory Gap Analysis

Asset Performance Management (APM®)

## DISCRIMINATORS

Proudly 100% Australian Owned & Operated

Strategic Presence in WA & SA

Deep Industry Experience in Operational Capability

Proven Track Record Supporting Maritime & Energy

Safety Risk Assurance & Technical Authority

Tailored Solutions to Deliver Successful Outcomes

Investment in Clean Energy Transition



**Cooper Energy:** Basker-Manta-Gummy Decommissioning

**Fortescue Future Industries:** FFI Green Pioneer

**Santos Offshore:** Barossa, Van Gogh

**Woodside:** Enfield, Stybarrow, Julimar, Lambert

**Shell:** Prelude, Crux

**MBIE New Zealand:** Tui Field

**Santos Onshore:** Cooper & Surat Basin

**INPEX Australia:** Ichthys

**Snowy Hydro (South Australia)**

More than 31,000 man hours worked without injury...

Zero Total Recordable Incident Rate since incorporation...

Delivered 65 Offshore and Marine projects...

And 24 Onshore projects...

Assessed 31 units of Diesel Engines in South Australia and delivered over \$750k in savings to date...

**COMMITTED AND DEDICATED TO ASSURING RISKS, SECURING RESILIENCE, AND DELIVERING RESULTS!**

## KEY PROJECTS

## MILESTONES

Assurance Reliability Compliance (Australia) Pty Ltd  
ABN 19 638 095 646

Unit 9, 233 Berrigan Drive,  
Jandakot, WA 6164  
Australia

WEBSITE:  
[www.arc-assure.com.au](http://www.arc-assure.com.au)

EMAIL US:  
[robegan@arc-assure.com](mailto:robegan@arc-assure.com)



## Company Overview

Aurizn's mission is to push the limits for a more secure future. We do this through our unique offering of Simulation, Advanced Sensing and Artificial Intelligence capabilities to solve some of the most complex problems facing us today.

We couple our scientific pedigree and engineering know-how to deliver novel and high impact outcomes. With a 150+ strong workforce, we are engaged right across the capability development lifecycle, with a focus on synthetic test and evaluation and technology acceleration.

Using our broad simulation capabilities we provide in-depth visibility into complex procurement, sustainment and operational contexts, with our advanced sensing and artificial intelligence capabilities delivering new technologies and valuable insights.

Our key success is centred on being able to grasp complex challenges and field unique solutions at pace, leveraging our vast domain experience and ability to deliver technology for the ultimate benefit of our customers.

## Products & Capabilities



### General Vehicle Architecture Middleware

Achieve greater efficiency and interoperability in the design, production, deployment and maintenance of military vehicles using our proprietary middleware solution.



### Infinite Studio

Multispectral synthetic scene generation, delivering realistic visualisation, enhanced immersion, improved visual fidelity and accurate radiometric scene rendering.



### Immersive Simulation & Training Environment

Immersive dome environment which enables human characterisation, experiential learning, and tactics development capabilities.



### Synthetic Test & Evaluation

Comprehensive simulation and integration frameworks and processes to enable end-to-end assessment and evaluation of platform and mission survivability to improve performance, reliability and innovation.



### Technology Acceleration

Acceleration of novel sensors and artificial intelligence systems to improve operational capabilities and deliver asymmetric technologies into the field at pace.

## Quality Accreditations

- ISO 9001:2015 Quality Management System
- ISO 27001 Information Security Management System
- Standards Australia: AS/NZ IEC 60825 (Laser Safety)

## Discriminators

- Largest Australian provider of Electromagnetic Spectrum Synthetic Test & Evaluation products and services
- Experienced in delivering into international programs
- 150+ scientists and engineers with proven experience in delivering high precision systems
- Demonstrated experience in accelerating technology from laboratory to field
- Unique synthetic scene generation product
- Experienced with international export controls
- Security accredited facilities

## Key Customers

- Australian Army
- Royal Australian Navy
- Royal Australian Air Force
- Capability Acquisition and Sustainment Group (CASG) (Aus)
- Defence Science and Technology Group (DSTG) (Aus)
- Defence Science and Technology Laboratory (DSTL) (UK)
- QinetiQ STS (UK)
- Defence Primes (AU & US)

## Availability and Support

- Our offerings are all available with minimal lead time and subject to specific configuration and licensing requirements.

Discover more information via our downloadable resources





### COMPANY OVERVIEW

Australian Metrology and Calibration (AMC) is an Australian owned company with NATA Accreditation. We specialise in dimensional measurements of equipment and manufactured parts and components to meet the quality, accuracy and reliability requirements of the Defence Industry.

### CAPABILITIES

- Calibration of all types of dimensional measuring equipment to ISO/IEC 17025 and Australian and International standards
- Comparability measurements of manufactured components against drawings
- Ability to measure multiple components accurately and cost effectively
- On-site calibration service available for specialised items
- Agent for Mitutoyo and Starrett

### KEY CUSTOMERS



### COMPETITIVE DISCRIMINATORS

- Calibrations supplied with NATA Accredited Inspection Reports
- Technical competence
- Traceability, comparability and validity
- National and International acceptance
- Calibration Management Service available

## BECA Applied Technologies

www.beca.com

### Making aerospace better

Beca is an established developer of safety and mission critical software in the aerospace and defence sectors.

As the sole **NZCAA Aircraft Design Organisation** accredited for the development of airborne software and electronic hardware, we pride ourselves on industry leading solutions for our clients.

Our development and certification capability is underpinned by our established systems engineering practice, and application of the following:

- RTCA DO-178C (for airborne software)
- RTCA DO-254 (for airborne electronic hardware)

We thrive on new and novel designs and can navigate the development and certification processes across the airborne, ground and data-link segments.

### What we do

Our team of 65 Aviation specialists deliver *Safety & Mission Critical Systems* across the aerospace, defence & security sectors. This includes:

- Civil & military aerospace professionals
- High integrity software & systems engineers
- Mission specialists, aircrew & operators
- Complex programme managers
- Maritime & Naval Aviation systems professionals
- Safety, security & risk specialists



### Talk to us today



**Brendon Pett**

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**Brian Fearnley**

Business Director – Aerospace  
Beca Applied Technologies  
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p: + 64 22 027 5494





An experienced delivery partner with a proven track record across government and industry.



### CGI in Defence, Space and Intelligence

For over 40 years, CGI has worked in partnership with governments and businesses globally to deliver secure, mission-critical technology solutions. In Australia, we are building on this heritage to apply proven solutions from across commercial and government sectors in new ways to advance defence and space clients' missions. Our unrivalled experience enables us to deliver new approaches to enhance the protection of Australia and its national interests.

### Benefits

- Existing high TRL solutions
- Business consulting with a global network of subject matter expertise
- 95% of projects delivered on time and on budget
- 9.3/10 client satisfaction score

### End to End Services

Strategic IT and business consulting	Systems integration	Managed IT and business process services
Intellectual property solutions and services as value creation accelerators for clients		
Client-proximity model		
AUKUS ready		
Local and global expertise by industry		
Bespoke agile environment		

### Capabilities

- Programme Management
- Project Management
- Business Systems
- Cloud Migration
- Research And Development
- Space Domain Awareness
- Aerospace
- Satcom and 5G
- Modelling & Simulation
- Launch
- Cyber Platform
- Integration
- Mission Systems



### CGI At A Glance

- 300 Employees in Australia
- 91,500 Employees Globally
- 170+ IP based solutions
- 13 Innovation Centers Globally
- 150+ partners in our ecosystem

For more information email:  
[tony.nicholls@cgi.com](mailto:tony.nicholls@cgi.com)  
[www.cgi.com/au](http://www.cgi.com/au)

# The City of PAE is Australia's engine room for shipbuilding and the defence industry.



It's a place where everyone is welcome, and where each person contributes to the creation of a dynamic, thriving and connected city. Located just 30 minutes from the Adelaide CBD, the city is a gateway to our state economy serviced by efficient rail, road and shipping networks. You'll find beautiful landscapes, stunning beaches, rich heritage and a vibrant arts and culture scene. At PAE, we support local businesses, big and small, to grow, innovate and succeed. **PAE was made for you.**







# PROVEN IN TOUGH ENVIRONMENTS

Codan | Domo Tactical Communications (DTC) specialises in the design, manufacture and support of highly reliable radio communication solutions. Codan's DTC Division provides MANET Mesh IP radios typically used in Integrated Soldier Systems, Uncrewed Systems, and Naval Platforms.

**100% AUSTRALIAN OWNED**

## Market leader with

- Cradle to grave sovereign capability
- Field Proven, Non-ITARS technology
- Military-hardened waveforms (LPI/LPD, Hopping, Crypto)
- Military-standards compliant (MIL-STD-810, MIL-STD-461)
- Low SWaP (Size, Weight and Power)

## Our solutions

### Uncrewed platform (UxV) IP Mesh Data links for:

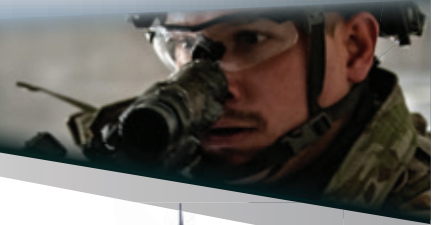
- Control, sensor data and video streaming from all platforms
- Remote Weapon Station (RWS)
- Uncrewed Ground / Air / Surface Vehicles
- Explosive Ordnance Disposal Robots (EOD Robotics)

### Dismounted and Mounted Soldier Software Defined Radio (SDR) capabilities for:

- Soldier modernisation for armed forces
- Naval (Boarding party, Ship to Shore, Maritime Interdiction)
- Covert operations, Sniper/Spotter Teams
- Voice communications (HF/VHF/Multiband) – Man-portable and Vehicular

### Interoperability solutions:

- Radio-over-IP (ROIP) Gateways



Codan is Australian owned and headquartered, designing and delivering radio communications to customers worldwide for over 60 years.

[codancomms.com](http://codancomms.com)

M: +61 459 996 559  
E: [al.sutherland@codancomms.com](mailto:al.sutherland@codancomms.com)



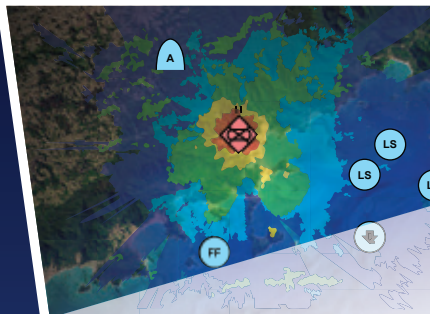
Building the Australian cyber and spectrum security future

We deliver world-leading, trusted cyber and spectrum security solutions for Australia and its allies, specialising in Electromagnetic Warfare and Spectrum Management. Our capabilities are 100% Australian-owned and sovereign, supported by state-of-the-art secure facilities in South Australia.



**Anton Rast**  
Business Development Manager  
P: +61 8 8234 8819  
E: [antonrast@consunet.com.au](mailto:antonrast@consunet.com.au)

[www.consunet.com.au](http://www.consunet.com.au)



## Differentiators

- Leaders in Spectrum and Cyber Security
- High assurance system design, development, deployment, and support
- Full systems life cycle experience from design and architecture to operational deployment and sustainment
- Mature DevSecOps capability with Agile development processes, validated in Defence frameworks
- Deliver military grade security and solutions at speed
- Strong PhD-level R&D capability
- State-of-the-art secure facilities enabling trusted Defence and Intelligence delivery

## Key Customers

- Capability Acquisition and Sustainment Group
- Defence Science and Technology Group
- Australian Department of Defence

## Key Markets

- Defence
- Australian Defence Industry
- Space Communications
- Commercial Spectrum Licensees



## Capabilities

### Electromagnetic Warfare

- Electromagnetic Battle Management
- Signals exploitation
- Operational mission data integration
- Complex multi-system integration

### Spectrum Management

- Spectrum Simulation
- Spectrum Forecasting and Anomaly Detection
- Spectrum Planning
- Dynamic Spectrum Sharing

### DevSecOps and Cyber

- High assurance solution delivery and support
- Scalable full system life cycle expertise
- Scalable multi-level secure DevSecOps
- Accelerate outcomes via agile Continuous Authority to Operate (CATO) processes
- Operate defence-accredited facilities
- Conduct ISM/IRAP cyber security assessments

### Research and Development

- ML – temporal, spatial, and spatiotemporal
- AI – planning and scheduling services including uncertainty
- Intelligent agent systems
- Computational theory and mathematics
- Distributed computing
- Advanced Electrical and electronic engineering prototyping
- Cognitive and Information Warfare sciences



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**Leah Cowell**  
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E: lcowell@cowellclarke.com.au

### ▶ CAPABILITIES

- Contract negotiation, preparation and performance monitoring and management, including the ASDEFCON suite of contracts.
- Tenders and procurement processes (Government and private).
- Commercialisation strategies.
- Regulatory compliance and commercial arrangements associated with the defence industry, including DEC, ITAR and EAR.
- Intellectual property and digital and technology law and transactions.
- Dispute resolution.

### ▶ DISCRIMINATORS

- Based on our long experience in the defence industry environment, we deliver solutions and help to manage risk for our clients in negotiations with defence departments, government agencies and with contract counter-parties, particularly involving complex and high value intellectual property ownership and licensing rights.
- Our deep understanding of business strategy and operations assists with successful project planning, contract negotiation, navigating regulatory requirements and balancing risk against achievement of commercial and strategic outcomes.

### ▶ KEY CLIENTS

- For each defence industry client, Cowell Clarke applies the breadth of expertise we have built through assisting commercial clients with transactions and disputes across a range of sectors.
- We particularly work with defence industry clients developing and commercializing IP rich assets and technologies and advanced manufacturing.

### ▶ KEY MARKETS

- Australian companies doing business in Australia
- Australian companies working in or seeking to enter foreign markets or supply chains of foreign based defence primes
- Overseas companies working in or seeking to enter the Australian market
- Cowell Clarke works with clients in many foreign jurisdictions, with an emphasis on the USA and the UK.

### ▶ QUALITY APPROVALS & AWARDS

- Lawyers Weekly Commercial Team of the year 2023
- Lawyers Weekly Commercial Team of the year shortlist 2024

[www.cowellclarke.com.au](http://www.cowellclarke.com.au)

Current as at: July 2024



# CYLAD

DEVELOP BUSINESS  
DRIVE PERFORMANCE  
TRANSFORM SUSTAINABLY

## COMPANY OVERVIEW

- CYLAD is an international **strategy and management consulting firm** with a strong expertise and track record in Aerospace & Defence.
- Our 150 consultants, data analysts and senior experts based in Australia, Europe and North America deliver more than 100 projects per year.
- We are dedicated to supporting **Aerospace & Defence** companies to develop, improve performance and accelerate projects by leveraging our expertise in growth strategy, program and bid management, business & digital transformation, and operational excellence.

## WHY CYLAD

- **Top-tier consulting skills combined with in-depth knowledge of the Aerospace & Defence sector** and its entire value chain.
- Experience in supporting **Small and Medium-sized Enterprises (SMEs), large companies and government agencies.**
- **Intimacy and flexibility** of a boutique firm, with the **capability and reach** of an international firm.
- **Data & Analytics centre of excellence**, offering data visualisation and reporting, powerful analysis, and automation of complex processes.

## CAPABILITIES

### STRATEGY

- Corporate strategy
- Growth & offer strategy
- Innovation
- Mergers & Acquisitions
- Response to tenders

### TRANSFORMATION

- Transformation program
- Sustainability
- Digital & IT function transformation
- Organisation & governance
- Change management & leadership

### EXCELLENCE & PERFORMANCE

- Project management
- Product development & industrialisation
- Cost & Cash competitiveness
- Operations & Supply chain
- Performance management
- Process optimisation
- Data & analytics

## CONTACT

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[www.cylad.com](http://www.cylad.com)

## SOME OF OUR CUSTOMERS



## MEMBERSHIPS



## INTERNATIONAL AWARDS



## ESG COMMITMENT & AWARDS



## Capability Statement

Australian-owned systems integration SME Daronmont Technologies has been supporting the Australian Defence Force for 25 years, employing 130 staff and operating primarily in the Defence electronics sector integrating and supporting passive surveillance systems, command and control applications and deployable shelter systems for Australian and Allied export customers. Daronmont designs, delivers and supports hardware and software intensive systems and integrates these into both fixed and deployable solutions. Daronmont has a track record of successful export.

## Capabilities

- Broad Systems Integration Capability - Hardware, Software, Mechanical, Security and Mobility
- Deployable Laboratory systems and bespoke deployable enclosures
- Air Battle Management C2 Systems
- Air Traffic Control and Ranges Mobility and C2 Systems
- REALMS Distributed Training, Link 11 and 16 Training Systems
- Engineering Support to DST Group
- 24/7 Support for Remote Communications and Surveillance Systems
- Passive Radar, ESM and HF Surface Wave Radar

## Key Customers

- CASG (JSD), DST Group, Army, Australian Border Force, AFP
- Lockheed Martin – AIR6500
- Raytheon – Woomera Range Control Support
- BAE Systems – JORN Ph 6
- SAAB – SEA 1180 ESM
- RNZN – Protector ESM remediation and MSC ESM
- Lockheed Martin Canada – AOPS ESM
- Kongsberg Defence Australia – LAND19 7B

## Key Partnerships

- CACI – C-UAS

## Discriminators

- Multiple platform/Domain experience (installation, integration, set to work, support)
- Proven R&D/Developmental Engineering Capability
- Successful track record with CASG, Air Force, Navy, Army, DST Group and multiple Primes
- Award winning project delivery in Australia and NZ
- ASDEFCON Prime Acquisition and Support contract experienced
- Party to multiple TAAs - ITAR and export proven
- Proven capability to provide long term support to surveillance and C2 systems

## Memberships

- Defence Teaming Centre
- Association of Old Crows
- AIG – Defence Group

## Quality Accreditations and Awards

- Defence Industry Security Panel (DISP) accreditation
- ISO 9001:2015
- ISO 45001:2018
- Essington Lewis Trophy Winner - 2008 and 2012
- Defence Teaming Centre Outstanding SME Award 2012, Innovator Award 2013, Teaming/Collaboration Award 2021
- NZDIA Project of the Year 2015

## Contact Details

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marketing@daronmont.com.au



**Daronmont Technologies**  
Creating Enduring Advantage

[www.daronmont.com.au](http://www.daronmont.com.au)

# Built to defend your data.



**Colocation**

**Critical Space**

**Shell & Core**



Find out more at  
**[dcidatacenters.com](http://dcidatacenters.com)**

[enquiries@dcidatacenters.com](mailto:enquiries@dcidatacenters.com)



# De Stefano & Co

DEFENCE AND SECURITY EXPERTS™

De Stefano & Co is a defence-focused management and security consultancy that supports organisations to navigate the complex Australian defence industry environment and other highly regulated sectors.

100% Australian owned and operated, our team has unrivalled experience, knowledge and networks, and are specialists in strategy, security and grants.



1300 GET DISP (1300 438 347)  
 3 McLaren Parade, Port Adelaide SA 5015  
 enquiry@destefanoandco.com.au  
 www.destefanoandco.com.au

## CAPABILITIES

### STRATEGY

- Defence Industry Market Entry (DIME®) Program
- Defence Sector Due Diligence Activity
- Cyber Security Strategy Review & Uplift

### SECURITY

- Defence Industry Security Program (DISP) Membership Attainment
- DISP Ongoing Compliance Assurance (OCA™)
- Security Officer Support as a Service (SOaaS™)
- Cyber Security Consulting & Maturity Uplift
  - CMMC
  - Essential Eight
  - ISO27001
  - ISM/IRAP
  - NIST CSF/SP 800-171
- Security Education & Training
- Physical Security Uplift
- Personnel Security

### GRANTS

- Defence Industry Development Grants (DIDG)
  - Skilling
  - Security
  - Exports
- Sovereign Industrial Priorities

### MEMBERSHIPS



## DIFFERENTIATORS

- > 200 years of combined Defence and security experience working in Defence Primes, the Big 4, Managing Contractors and SMEs
- DISP member with security cleared staff
- A trusted source of defence security education to academia, industry associations and their members nationwide
- Ranked 12<sup>th</sup> fastest growing business in the BDO Fast Movers SA program in 2022, and 15<sup>th</sup> in 2023
- Winner of 'Cyber Security Consulting Business of the Year - SME' at the 2024 Australian Cyber Security Awards and finalist for 'Consultancy of the Year' in the 2023 and 2024 Australian Defence Industry Awards



## KEY CLIENTS & PARTNERS



## Defence and Security Institute



### Capabilities

#### 1. Cutting edge research:



2. **Defence Trailblazer Research Translation:** boosting defence innovation in collaboration with industry

3. **Infrastructure:** state-of-the-art facilities, including advanced laboratories, research centres, and modern teaching spaces

4. **Custom training solutions:** professional and technical training for emerging industry and business trends

### Discriminators

1. **Australian Defence Technologies Academy:** Strengthening Australia's skills and talent pool while providing a unique place where research supported environments benefit from deep industry expertise. National leadership in defence and national security research and education
2. Focus and scale on information-based technologies (cyber-AI, information and influence)
3. Forward-leaning **security posture** exceeding government requirements across governance, facilities, and information
4. Access to world leading subject matter experts

### Key Partners

Partnerships nationally and globally across academia, government, and industry to translate research and transform Australia's defence capability.

### Statistics

100+ | active defence engagements | 12 | National university partners

250+ | defence-focussed personnel staff and students

Consistently ranking among the top universities worldwide



Partner with us | defence@adelaide.edu.au | adelaide.edu.au/defence-security



**Specialists in the supply of certified components and spare parts for Australian Defence Force ships, submarines, aircraft and land force vehicles.**



**CAPABILITIES**

- ✓ Seals – standard and speciality
- ✓ Certified maintenance parts sourced locally and internationally
- ✓ All domestic and international OEM brands available
- ✓ Quality measurement within 20 microns using our Planar 70.20 optical measurement machine

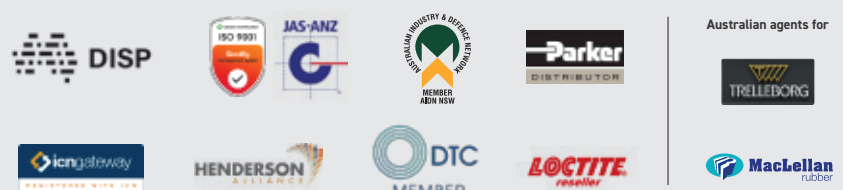
**KEY CUSTOMERS & PARTNERS**



**DIFFERENTIATORS**

- ✓ Australian owned and operated
- ✓ DISP certified
- ✓ Agile and adaptable
- ✓ Highly responsive
- ✓ Defence ready – now
- ✓ Quality of service, not quantity of supply

**MEMBERSHIPS, AFFILIATIONS & CERTIFICATIONS**



[www.defencesealsandspares.com.au](http://www.defencesealsandspares.com.au)  
 (02) 9999 5532  
[sales@defencesealsandspares.com.au](mailto:sales@defencesealsandspares.com.au)



Margaret Graham Building, Lot Fourteen, Frome Road, Adelaide SA 5000  
 t: +61 8 7320 1000 [dtc.org.au](http://dtc.org.au)



**Members receive market specific advice, training and facilitated introductions to defence related opportunities. Our objective is to create defence mature businesses in domestic and global markets.**

**Services**

- Connect members to opportunities in the defence sector
- Facilitate industry engagement
- Lead the formation of collaborative business relationships using ISO44001
- AIC policy advice and plan development
- Deliver defence industry specific leadership programs
- Workforce development and planning services
- Advocate on behalf of SMEs on defence industry related matters

**Quality Accreditations**

- Defence Industry Security Program (DISP) accreditation

**Discriminators**

- Dedicated team who guide and develop members to navigate and win work in the defence sector
- Ongoing investment into information resources to build stronger and more capable SMEs delivering for Defence
- Our membership community includes Defence, primes, academia and SMEs collaborating to build sovereign capability

**Key Partnerships**

- The office for the Minister of Defence Industry
- Defence SA
- Office of Defence Industry Support (ODIS)
- Advanced Manufacturing Growth Centre
- Australian Industry Group Defence Council
- American Chamber of Commerce in Australia
- SAGE Group
- Business SA

**Gold Partner**



Commonwealth Bank

**Silver Partners**



**Bronze Partners**



**Prime Supporters**



# Gallagher Security PTY LTD



**Gallagher Security** is a world leading manufacturer of electronic security systems, providing solutions to various organisations worldwide. They specialise in integrated technology solutions that aid in protecting and managing people and assets. With a strong focus on defence and federal sectors in Australia, their award-winning solutions are trusted by a wide range of industries across 140 countries.



### Global security leader

Trusted to protect sites in more than 140 countries, with over 20,000 customers worldwide



### Proudly manufactured in New Zealand

Operating in NZ since 1938 – Australia since 1989



### Government approved provider



### Capabilities

- Electronic Access Control and Alarms Manufacturer
- Type 1A Alarms for Zone 3 – 5 Areas
- Class 5 Alarm Systems
- Perimeter Intrusion – Monitored Pulse Fence
- Small Medium Business – SMB Alarm System

### Key Customers

- Defence
- BAE
- Raytheon
- Lockheed Martin
- Saab
- ASC

### Key Markets

- Defence nationally
- Five Eyes focused solutions
- USA Defence/Gov – FIPS 201
- Defence SME's nationally

### Quality Approvals & Awards

- 2021, 2022, 2023 ASIAL Security Equipment Manufacturer/Distributor of the Year
- 2023 ASTORS Homeland Security Best Integrated System
- 2023 Security Today Best New Product
- AS 2201.1
- AS 2201.7
- SOC 2 Type 2
- FIPS 201

Karl Harris | National Defence and Federal Manager | M: +61 407 118 449 | E: karl.harris@gallagher.com



11/2024

## PRODUCTS & SERVICES

- Enterprise asset management software solutions.
- Exhibit/evidence management software solutions.
- Mobility applications.
- Professional services.
- Specialist Barcode/RFID hardware.

## DEFENCE EXPERIENCE

- Australian Defence Force
- Royal Air Force – UK
- United Nations
- Thales
- UK Ministry of Defence
- BAE Systems – AUS/UK

## OUR CAPABILITY

- On-Prem or Cloud CoTS software.
- Connected and disconnected mobility.
- API's for integration.
- Baseline security clearances.
- Asset, inventory and exhibit tracking.
- Asset agnostic.
- Asset maintenance – life cycle.

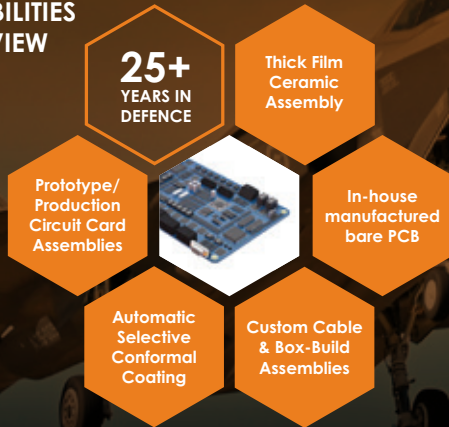
## QUALITY STANDARDS & ACCREDITATIONS



**HARDCAT**  
Delivering Asset Certainty



### CAPABILITIES OVERVIEW



#### THICK FILM CERAMIC ASSEMBLY

- High Reliability, Durability and Rugged electronic assembly for Land, Sea and Air
- Reduce electronic footprint, size and weight
- Intellectual Property (IP) Protection

#### IN-HOUSE ENGINEERING DESIGN

- Electronic design and Firmware capabilities
- Customer co-design or full turnkey development

#### PRODUCT TEST AND QUALIFICATION

- On-site environmental test facility to support Qualification/ Burn In requirements
- In-house process and test engineering for development of functional test

#### PROTOTYPE/PRODUCTION MANUFACTURING

- In-house manufactured prototype bare PCB
- Build to Print Circuit Card Assemblies with:
  - Leaded/ Lead Free Surface Mount/ Through Hole Assembly
  - Automatic Optical Inspection
  - Automatic Selective Conformal Coating/ Potting
  - Flying Probe Tester
  - X-Ray and Rework Station
- Custom Cable Assemblies
- Sub-assemblies and Box-build specialist
- Conformance to IECEx manufacturing

### COMPETITIVE DISCRIMINATORS

- Australia's only Thick Film Ceramic design and manufacturing facility
- Sovereign capabilities all vertically integrated on a single site in South Australia
- Agile and flexible with accelerated in-house engineering development and prototyping service
- Diverse experience across multiple industries and technologies allowing cross-segment innovation
- Always customer and delivery focused



### CERTIFICATION & ACCREDITATIONS

- ✓ ISO-9001:2015 Certified
- ✓ ISO-14001 Certified
- ✓ ISO-13485 Certified
- ✓ ISO-45001 (Pending)
- ✓ DISP membership (Pending)
- ✓ Member of Defence Teaming Center (DTC)
- ✓ Qualified operators trained to various Class 3 of IPC standards
- ✓ Member of Industry Capability Network (ICN)



### PROUDLY SUPPORTING

- PMB Defence Pty Ltd (Collins Class)
- SAAB Australia (Collins Class)
- NXP Semiconductors (Semiconductors)
- ResMed Limited (Medical)
- Adaptas Solutions (Scientific / Medical)



### LET'S DISCUSS YOUR CUSTOM SOLUTIONS

**Brenton Judge**  
Executive General Manager

Phone:  
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brenton.judge@hendonseniconductors.com

**Angelynn Lim**  
Customer Service Manager

Phone:  
+61 (08) 8401 9823  
Email:  
angelynn.lim@hendonseniconductors.com  
[hendonseniconductors.com.au](http://hendonseniconductors.com.au)



The Humanihut Field Infrastructure System (HFIS) is a rapidly re-deployable, short to long term infrastructure solution.

Innovative in design and engineering, the multi-award winning HFIS offers climate controlled, foldable, rigid structures, with integrated modules, and ablutions, scalable from a few to thousands.

Capable of multiple deployments over its 20+ year lifespan, and with all components, accessories and necessary utilities integrated for rapid deployment and ease of establishment, the HFIS can connect to local mains water, power, and wastewater infrastructure or run independently if services are not available.



#### Our Valued Clients

- Australian Government:** Department of Defence
- Australian Government:** National Emergency Management Agency
- Government of Western Australia:** Department of Communities
- Government of South Australia:** SA Health
- Government of South Australia:** Housing SA
- Government of South Australia:** Primary Industries and Regions
- Government of South Australia:** State Emergency Service
- Government of New South Wales:** NSW Rural Fire Service



#### Contact Us

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## Prime Systems Integration

Indra Australia specialises in high-end Project Management and Systems Engineering. Indra Australia offers expertise in the integration of complex MOTS/COTS configurations, including secure communications and data management. We offer many solutions including an integrated Air Defence solution incorporating the 3D Lanza Radar Family, Electronic Defence, Command and Control (C4I) and C-IED and CBRNe solutions. We specialise in the complete design and integration of complex systems adapted to the specific needs of the client.

## Shelters - Deployable

Indra Australia designs, develops, manufactures and supplies all types of deployable infrastructure in hard and/or soft configurations for all applications. Solutions meet the most demanding Defence transportation (via Air, Rail, Road and Sea), security and EMI requirements. Indra has proven experience with all interfaces such as power, water, ICT connectivity, waste management etc. Indra Australia's HQ has accreditation to operate as a Zone 4 security facility and we have delivered deployable solutions accredited to Zone 3. Indra Australia has multiple deployable capabilities currently in operational service with the ADF.

## Air Traffic Management Systems

Indra Australia is a market leading supplier of air traffic management and communications, navigation and surveillance (ATM-CNS) solutions. Our radar, ATM automation, C2, navigation and voice communication systems are developed specially for both civil and military air traffic control applications. The system's architecture is designed to easily adapt to client needs within the air traffic management and air battlespace management environments. Indra Australia is a major supplier to Air services and the ADF for ATM equipment and a dominant supplier of Navigation Aids within Australia and the South Pacific region.

## CBRNe - Chemical, Biological, Radiological, Nuclear & Explosives

Indra Australia has a global presence in the CBRNe domain. Our approach to CBRNe systems is focused on adding value through integrating CBRNe subsystems with command and control systems and networks. Our solutions provide protective measures including passive protection, contamination avoidance and weapons technical intelligence. Indra has extensive experience in the design and manufacture of mobile CBRNe Laboratories, portable equipment and vehicles. Indra has deployed these systems globally in operational environments.

Adam Taylor  
Business Development Manager - Defence

02 8754 8394 or 0404 880 947  
ataylor@indracompany.com

**indra**



**Talent Solutions**  
ManpowerGroup

## DEFENCE & AEROSPACE

### POWERING OUR DEFENCE INDUSTRY WORKFORCE

Our dedicated team of specialist Defence industry recruiters and workplace experts has over 20 years of experience supplying talent to the Australian Defence Force (ADF) and Defence industry.

- Sourcing and recruiting.
- Workforce strategy and tender support.
- Ability to scale fast.
- Access to veteran talent.
- Risk mitigation to enhance program compliance.
- Proven diversity outcomes.
- Local and international strategic talent insights.

### A TRUE PARTNERSHIP APPROACH

- Access to a dedicated team of Defence and Aerospace recruiters that help organisations build the specialist Defence industry workforce they need...when they need it.
- All members of our Defence and Aerospace team are baseline cleared, some hold NV1 clearances.
- Access to a library of world class thought leadership and market analysis platforms.
- Access to global leaders in Defence and Aerospace through ManpowerGroup's global partnerships with UK Defence Force and leading global Defence and Aerospace organisations.

## CONTACT US

Leah Moule - General Manager, Defence & Aerospace  
leah.moule@au.manpowergroup.com

## TRUSTED, STRONG, CONNECTED

Partner with Talent Solutions Defence and Aerospace and you are partnering with the global strength of the ManpowerGroup®, the leading global workforce solutions company.

Through our expert family of brands - Manpower®, Experis® and Talent Solutions, we develop innovative workforce solutions for hundreds of thousands of organisations every year, helping them source, assess, develop and manage the talent they need to win in their market.



### PROVEN DEFENCE INDUSTRY CAPABILITY AND EXPERIENCE

The ManpowerGroup® Talent Solutions Defence & Aerospace team is unrivalled when it comes to proven outcomes for our Defence industry partners:

**20** YEARS  
TALENT SOURCING EXPERIENCE

**150K+**  
AUSTRALIANS RECRUITED

**95%**  
PROGRAM FILL RATE

**>6%**  
INDIGENOUS RECRUITMENT

**6K+**  
VETERANS SUPPORTED INTO NEW CAREERS

**300K+**  
MEDICAL & PSYCHOMETRIC ASSESSMENTS COMPLETED

Find out more about  
Talent Solutions Defence  
& Aerospace





# ACOUSTIC DESIGN & CONSULTING SERVICES

## COMPANY OVERVIEW

Marshall Day Acoustics is an international firm specialising in all areas of acoustics, noise, and vibration.

Sound is a key part of our environment, providing insights about our surroundings and influencing our perception of amenity and environmental quality. Therefore, it is important to consider sound when planning, designing, and managing modern environments.

For over 40 years our consultants have been providing innovative and effective solutions to clients in both private and public sectors.

## CAPABILITIES

- **Architectural Acoustics:** Design or corrective work to make the acoustical environment effective and comfortable, including audio security requirements.
- **Environmental Noise & Vibration:** Assessment of noise and vibration impact of development proposals, including new roads, railways, air transportation developments and industrial projects, and aircraft noise modelling.
- **Mechanical Services Noise & Vibration Control:** Design, specification, supervision and commissioning of noise and vibration control systems.
- **Noise & Vibration Monitoring Services**

## ACCREDITATIONS

- Quality certified in accordance with ISO 9001-2015
- Members of Defence Infrastructure Panel
- Member of the Association of Australasian Acoustical Consultants

## MAJOR PROJECTS

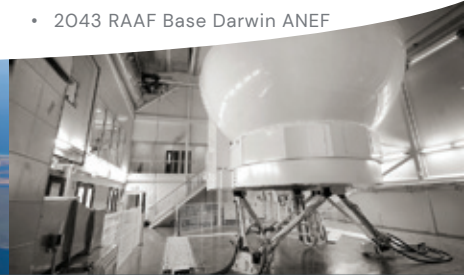
- Triton Unmanned Aircraft System
- Poseidon Maritime Patrol Aircraft
- Gulfstream G550 / Peregrine
- F-35A Lightning (AIR 6000 2A/2B)
- PC-21 (AIR5428-1)
- 2035 RAAF Base East Sale ANEF
- 2043 RAAF Base Darwin ANEF



architectural acoustics



environmental noise & vibration



mechanical services  
noise & vibration

adelaide • melbourne • perth • sydney

**MARSHALL DAY**  
Acoustics  
marshallday.com

MCT Brattberg Australia Pty Ltd provides sealing solutions for high-risk environments, including Navy (submarines in particular), transportation, civil, and aerospace industries, with a focus on cable and pipe transits for the protection of people, assets and the environment.

### CONTACT US

Level 2, Margaret Graham Building  
Lot Fourteen, 1a Frome Road, Adelaide, SA 5000

info@mctbrattberg.com.au +61 447 104 422

mctbrattberg.com.au ABN 47 665 076 424

## PURPOSE

MCT Brattberg Australia's high-quality sealing solutions enhance safety and reduce risk across defence, mining, maritime, rail, airports and more.

We deliver innovative solutions, customised to meet our clients' unique needs, backed by our commitment to safety and precision engineering, helping clients achieve their goals with confidence.

## CAPABILITIES

Our flexible cable and pipe transits create critical seals, stopping hazardous elements from passing between compartments.

Our innovative design enables pressure seals, repair of corroded cabling and piping, as well as replacement and future upgrades, showcasing the flexibility our product offers in accommodating changes and additions to cables.

- Cable and Pipe Transits for land, sea, rail, aerospace and cabinets
- Built-in Electro Magnetic Compatibility (EMC) solution for EMI and EMP protection, also approved for grounding and bonding (G&B) applications

## INDUSTRIES

MCT Brattberg's key innovative cable and pipe transit solution was developed together with Swedish shipyards to solve building and manufacturing process challenges. Today, our cable and pipe transits are crucial components in multiple defence and civilian industries, thanks to their effectiveness and versatility.

- |                                       |               |                   |               |
|---------------------------------------|---------------|-------------------|---------------|
| ■ Maritime                            | ■ Civil Works | ■ Renewables      | ■ Oil and Gas |
| ■ Navy                                | ■ Railroad    | ■ Pharmaceuticals | ■ Mining      |
| ■ Local, State and Federal Government | ■ Utilities   | ■ Aerospace       | ■ Airports    |

## CUSTOMERS

Our transit materials provide pliant and purposeful solutions for safety and security across transportation and associated industries. Here are just some of our clients:





**Think Global.  
Trust Local.**

**NHP is an independent, Australian owned company which has been providing electrical and engineering industry excellence for 55 years. We source best in class electrical and automation products from across the globe to deliver to the local market.**

With branches across the length and breadth of Australia and New Zealand, it is NHP's local people and footprint that helps us to understand your specific project needs, allowing our customers to think global and trust local.

As the exclusive distributor for Rockwell Automation throughout the South Pacific region, NHP provides SMART digital devices which deliver better visibility into processes, data and analytics. By enabling smarter and faster decision making and seamless connectivity spurring new collaboration, NHP is enabling the Connected Enterprise.

When it comes to finding a local partner with a global network for your next project, choosing NHP will unlock a world of expertise across electrical and automation products, systems and solutions.



[nhp.com.au](http://nhp.com.au)



1300 647 647



[nhpsales@nhp.com.au](mailto:nhpsales@nhp.com.au)

## Why NHP?

- 100% Australian owned
- 55 years of electrical and engineering industry excellence
- 22 corporate branches throughout Australia and New Zealand
- 24 regional locations where NHP team members are located
- 20,000 marketed lines
- > 800 employees, including dedicated Technical Specialists.

POWER DISTRIBUTION AND PROTECTION

INDUSTRIAL AUTOMATION AND CONTROL

MOTOR CONTROL AND DRIVES

MEDIUM VOLTAGE EQUIPMENT

ELECTRICAL VEHICLE INFRASTRUCTURE

ENERGY MANAGEMENT AND POWER QUALITY

EXIT AND EMERGENCY LIGHTING

PROJECTS AND SERVICES



### OVERVIEW

Norseld Photonics delivers leading edge precision optical design, development, engineering, manufacturing and support solutions in Australia.

### DISCRIMINATORS

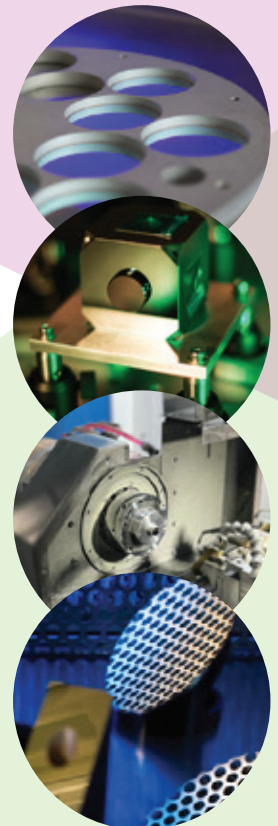
- **Specialized Photonics Team:** high-end, precision optical solutions, including design, development, engineering, manufacturing, and support.
- **Advanced Coating Capabilities:** designing, coating, and delivering technically challenging coatings.
- **Optical Design and Problem Solving:** ingenuity, precision, and quick turn-around times.

### CONTACT

**Peter Shute** - Chief Executive Officer  
P: +61 8 8231 9000 E: [peters@norseld.com](mailto:peters@norseld.com)  
225 Gouger Street, Adelaide, Australia  
[norseld.com](http://norseld.com)

### CAPABILITIES

- **Optical thin films:**
  - E-Beam, IBS, IAD, APS coating chambers.
  - Standard coatings across UV, visible, and far infrared (IR) wavelengths.
  - Customizable coatings available
- **Diamond turning:**
  - Advanced diamond turning technology.
  - Suitable for a infrared and non-ferrous materials.
- **Optical manufacturing:**
  - Wide range of optical components: Lenses, prisms, windows, laser optics, and mirrors.
- **Optical assembly and testing:**
  - Systems analysis, engineering design, prototyping, fabrication, and production.
  - Meets stringent customer specifications and requirements.
- **MRO&U:**
  - Supporting various Defence platforms for EO.



### COMPANY

Nylastex is an advanced manufacturing company with more than 30 years' experience. Through continual investment in technology, state of the art equipment, and excellent software Nylastex has developed the capability to provide a comprehensive range of precision machining processes for industry sectors including aerospace, agriculture, defence, energy, medical and mining.

We provide a complete advanced manufacturing service from concept to completion, including project management, design, prototyping, production and through life support.

### CERTIFICATIONS



### CAPABILITIES

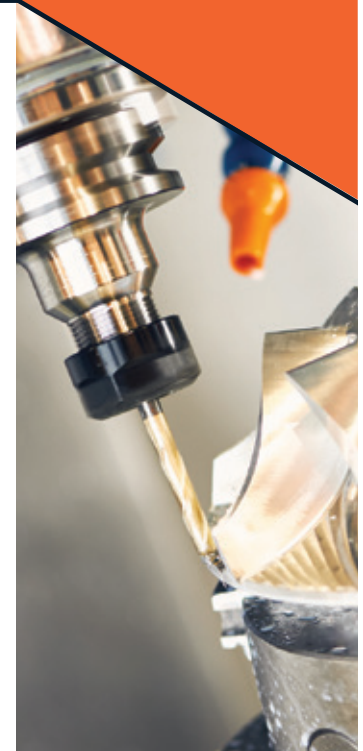
- Project Management & Design
- Precision CNC Machining
- Rapid Prototyping
- Low Volume Machining
- High Volume Production
- Material Sourcing
- Metal Finishes & Treatments
- Reverse Engineering
- CMM Scanning
- 3D Printing
- Fabrication & Welding
- Assembly
- Quality & Inspection
- Through Life Support

### KEY PARTNERS



### DISCRIMINATORS

- Well-established company with proved track record for quality and on-time delivery
- Diversified knowledge across industries and supply chains
- Proactive engineering support to meet customer requirements
- Latest technology and machining capabilities
- Distribution and warehousing facility
- NATA Accredited Laboratory onsite (Australian Metrology & Calibration)



## PARA BELLUM SOLUTIONS



## ENHANCING AUSTRALIA'S DEFENCE & SPACE INDUSTRIES

GLOBAL MANAGEMENT CONSULTING | WORKFORCE SOLUTIONS | BUSINESS DEVELOPMENT

### HOW WE CAN HELP

#### Management Consulting

Consulting services to the Defence and Space Sector in; Strategy, AIC, Software, Engineering, Project Management, Technical SMEs and bid assistance. Services offered in Australia and the UK.

#### Workforce Solutions

Sourcing of highly skilled specialists (from AUS and abroad) to deploy directly into critical Defence Capability Projects.

#### Business Development as a Service (BDaaS)

Developing export strategies and leading expansion efforts for Australian Defence and Space sector SMEs in the UK & EU, and for UK & EU SMEs wishing to bring their unique defence expertise and products to Australia.

### BENEFITS

On the ground in the UK and Australia, with strong European connections to represent your business.

Highly qualified team of experienced experts in their relevant fields with current domain knowledge.

Global consultancy experience in the Government and Defence sector.

Strong pipeline of highly qualified expatriate staff looking to join your company in Australia.

Value for money through flexible procurement options.

Security Clearances (DISP Certified).



VALUED CLIENTS

MEMBER

PARTNERSHIPS

E: CONTACT@PARABELLUMSOLUTIONS.COM  
 W: PARABELLUMSOLUTIONS.COM

Veteran and Australian Owned. Proudly supporting the Australian Defence Force Reserves.



### Description

Piper Alderman has a long and proud connection with Australia's Defence industry. We were a founding member of the Defence Teaming Centre, and Piper Alderman lawyers have served on the DTC Board for over 16 consecutive years.

We have the defence specialist experience required to service both industry and government.

Piper Alderman has the capability, accessibility and expertise needed to help companies understand and respond to major requests for tender. Our lawyers regularly advise on multi-million dollar property and corporate acquisition deals within the Defence sector, and understand the regulatory environment that Defence industry companies operate in.

We identify and manage key risks, and ensure our clients are equipped to achieve their goals and obligations, all with the sensitivity that this industry demands. We know that time is of the essence, that requirements move rapidly and that experience matters.

### Contacts

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**Travis Shueard**  
+61 8 8205 3433  
tshueard@piperalderman.com.au

### Capabilities

- **Strategic legal advice in all major practice areas** – including projects & infrastructure, finance, intellectual property & technology employment, dispute resolution & litigation, corporate and commercial.
- **Defence specific legal expertise** – ITAR, EAR and other export controls, ASDEFCON template suite, procurement and regulatory;
- **National reach** – Offices in Adelaide, Brisbane, Melbourne, Perth and Sydney, with 450 staff and a 90 strong partnership.

### Discriminators

- Experienced on advising on large scale Defence projects, ASDEFCON and defence procurement, ITAR and other export controls;
- Clients Government, Primes, SMEs, consultants and Individuals;
- Strong connection to industry – partners with specialist knowledge regularly provide training seminars to industry, security-cleared Defence staff, and understand the sensitivity that industry demands;
- Member of Defence Teaming Centre, connection with Australian Industry Defence Network and regularly collaborate with tertiary sector defence research units.

THE SKY'S THE BASELINE.

# PRAXIS

AEROSPACE

### CAPABILITIES

Praxis Aerospace is an engineering and project management firm focused on commercial space, military and civilian aerospace sectors.

Our experienced and trusted personnel offer professional solutions in solving clients issues. We continually invest in staff professional development and in internal R&D projects to develop new products and services.

- › Aerospace Engineering
- › Systems Engineering
- › Space Launch Risk Assessments
- › Project & Contract Management
- › Technical Certification
- › Test and Evaluation

### PROJECTS

- |  |   |
|--|---|
| <b>DEFENCE ACQUISITION PROGRAMS</b><br>› Land 4053 Apache, CsUAS<br>› AIR 6500-1 JABMS<br>› AIR 6000 JSF, AIR 5431 Ph3 | <b>SPACE PROGRAMS</b><br>› Launch and Return Risk Hazard Analysis<br>› Launch Licence Application support<br>› Launch site technical feasibility assessment |
| <b>DEFENCE SUSTAINMENT PROGRAMS</b><br>› CH-47F, ARH, MRH, UAS Sustainment<br>› ABMS, ATC and NavAids                  |   |

### DIFFERENTIATORS & VISION

At Praxis Aerospace, we are committed to providing our clients with premium, quality services. Our personnel are skilled across a range of disciplines required for aircraft acquisition, aircraft in-service support programs and space launches and returns.

*Our values include trust, commitment, integrity, humility, innovation and a commitment to family.*

### INDUSTRIES WE SERVE

- › Fixed Wing Aerospace
- › Rotary Wing Aerospace
- › Australian and International Space Programs
- › Unmanned Aerial Systems

### ACCREDITATIONS & CERTIFICATIONS

- › Defence Industry Security Program (DISP)
- › Australian Community Membership
- › ISO 9001:2016
- › ISO 27001:2022
- › Staff with professional certification (CPEng, RPEQ, CPPM, SQE)

CONTACT US: +61 411 671 167

CONTACT@PRAXISAEROSPACE.COM.AU

LEVEL 3, 315 BRUNSWICK STREET, FORTITUDE VALLEY, QLD 4006

### CLIENTS & PARTNERSHIPS



Member of the SGS Group

**REDBACK**  
DRILLING TOOLS  
& MANUFACTURING

**SGS**

## Redback™ Drilling Tools & Manufacturing

### Comprehensive Testing & Custom Engineering

- ✓ In-house Research, Development and Design
- ✓ Global Capabilities, Local Expertise
- ✓ Advanced Manufacturing Facilities in SA and QLD



redbackdrillingtools.com

# SHOAL

Shoal is a complex systems design company. We use **Systems Engineering** combined with **Modelling, Simulation, and Analysis** to help our clients define, analyse, decide, optimise, and deliver technology-intensive projects in complex environments across Defence, Space, Transport, Infrastructure and Energy.

We understand that complexity can rapidly escalate and create pressure on already tight schedules, capability realisation, and budgets. Or all three. Our approach is not to reduce or oversimplify. We embrace the uncertainty in complexity and use our expertise to mitigate risks and capitalise on opportunities.

## CONTACT

Matt Orman  
Director – Business Development  
+61 439 920 941  
107 Wright Street, Adelaide SA 5000  
support@shoalgroup.com

shoalgroup.com

### CAPABILITIES

- Model-Based Systems Engineering (MBSE)
- Modelling, Simulation & Analysis
- Digital Engineering
- Guided Weapons (GW) Engineering
- Operational Analysis (OA)
- Flight Safety & Range Analysis
- SHARC (Shoal Aerospace & Risk Capability)
- Electronic Warfare (EW) & Signature Analysis
- Capability Definition & Design
- Partnering for capture, bid, & delivery
- Research & Development

### KEY CLIENTS & PARTNERS

#### Government

- CASG - Land Systems, Joint Systems, Aerospace Systems, Space Command, and Maritime Systems
- Royal Australian Navy, Airforce & Army
- HQ Joint Operations Command
- Defence Intelligence Group
- Defence Science Technology Group
- AUKUS Pillar 2
- Australian Space Agency

#### Industry

Lockheed Martin Australia • L3Harris • Airbus  
Fujitsu • MBDA • Babcock Australasia • ASC  
PMB Defence • REDARC • Silentium  
Daronmont Technologies

#### Research

Relationships with leading Australian research universities

### COMPETITIVE DISCRIMINATORS

- ✓ World leaders in conceptual design of complex systems using MBSE and Digital Engineering
- ✓ Highly skilled, systems engineering specialists, experienced across domains
- ✓ INCOSE SEP Certified Systems Engineers
- ✓ Whole of life cycle design support as an ATL/BTL collaborative partner
- ✓ R&D Innovation and product development partner
- ✓ Supporting Australian Defence and industry development for over 23 years

### ACCREDITATIONS & AWARDS

#### Defence Teaming Centre Awards

- Skilling Award finalist 2024

#### Australian Space Industry Awards

- Innovator of the Year, 2022
- SME Business of the Year, 2021
- Graduate Program of the Year, 2020

#### Australian Defence Industry Awards

- Rising Star of the Year, 2021

#### AAUS Industry Champions Awards

- NextGen Award 2022

#### Simulation Australasia Awards

- Project Innovation Award, 2021



Building with confidence, anywhere.



**CAPABILITIES**

Sitzler is a national builder with significant experience across Northern, South and Western Australia. We deliver unique and complex vertical and civil construction projects through managing contractor, early contractor's involvement, design & construct, buildability, constructability and construct only contracts.

- Space surveillance
- Aircraft hangars and pavements
- Training areas and ranges
- Secure facilities / SCIFs
- Explosive ordnance processing and storage facilities
- Storage and maintenance facilities for vehicle-based air defence capabilities
- Remote construction
- Deployable facilities
- Agile workforce

**CERTIFICATIONS**



**KEY CUSTOMERS**



**DIFFERENTIATORS**

- 100% privately-owned Australian company with a flat management structure
- Immediate decision making without unnecessary silos or red tape
- Personnel – 95% Australian citizens with security clearances from baseline to NV2 including veteran workforce
- Sustaining and maintaining of force



**KEY PARTNERS**



**CONTACT DETAILS**

**DARWIN**  
100 Pruhen Road, Berrimah, NT, 0828

**PERTH**  
Level 1, 10 Ord Street, West Perth, WA, 6005

**EXMOUTH**  
10 Nimitz Street, Exmouth, WA, 6005

**ADELAIDE**  
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sitzler.com.au  
T. +61 8 8922 4000  
E. defence@sitzler.com.au

Jason Miezio  
Defence Sector Lead  
+61 408 533 748



The School of Information Operations (SOIO) offers operationally focussed short courses in electronic warfare, undersea warfare (USW), military space operations, maritime operations, cyber security and military uncrewed aerial systems (UAS)

SOIO has a team of 25 instructors with extensive military operational experience to ensure relevance and real-world context.

SOIO can also provide consultancy services in training development and delivery.

**Products**

SOIO delivers the following short courses:

- Electronic Warfare (EW)
- Undersea Warfare (USW)
- Military Space Operations
- Maritime Operations
- Cyber Security Frameworks and Governance
- Military Uncrewed Aerial Systems (UAS)

SOIO also offers the following long courses:

- Electronic Warfare (EW)
- Electro-Optics (EO)

**Discriminators**

- Our instructors have over 250 combined years of operational experience
- We have delivered over 150 courses
- We have graduated over 1200 students

**Key Customers**

- Australian Defence Force (ADF)
- Defence Science & Technology Group (DSTG Australia)
- New Zealand Defence Force (NZDF)
- International military customers
- Defence primes
- Defence small/medium enterprises
- Academia

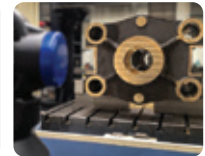
TechCentral, Lot Fourteen,  
Adelaide, SA 5000, Australia  
+61 417 742 705  
www.soio.com.au





**Stärke Advanced Manufacturing Group** specialises in turnkey solutions for design, prototyping, complex precision machining, tooling and fabrication projects, delivering full product and system assemblies.

We are **100 % Australian owned**, with manufacturing facilities based in Australia and Michigan USA and have local supply chain partners for electronics, painting and coatings.



**CAPABILITIES**

- Design to Manufacture  
- Industrial and Product
- Prototyping  
- Industrial and Product
- 3D Printing  
- Metal and Plastic
- Advanced Machining  
- Precision Machining  
- Up to 8-meter CNC Machining  
- Broad metrology and inspection capability (± 3 micron)
- Tooling & Injection Moulding
- Complex Fabrication
- Precision Assembly  
- Complex Systems
- Treatments / Powder Coating

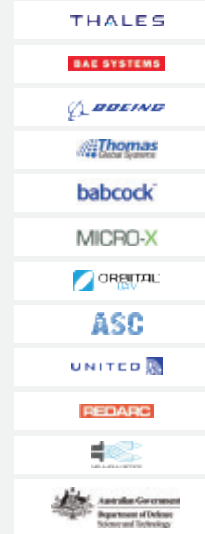
**DISCRIMINATORS**

- Australian family-owned business
- Established in 1971
- Over 130 employees
- Seamless end-to-end advanced manufacturing services using one point of contact
- 6 Manufacturing facilities in both Australia and USA, Michigan
- Quality manufacturing and on-time solution
- Reliable network of local & international suppliers
- Strong industry feedback, with a reputable clientele

**KEY MARKETS**

- Defence
- Aerospace
- Space
- Marine
- Mining
- MedTech
- AgTech
- Automotive
- Industrial Assembly

**SOME OF OUR CUSTOMERS**



**QUALITY CERTIFICATION**

- ISO9001:2015
- AS9100D Certification
- ITAR Approved
- DISP Member
- ECAAS ISO 9001
- ECAAS ISO 14001



Email: Heretohelp@starke-amg.com  
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**Brian Broens**  
Business Development Manager  
Email: Bbroens@starke-amg.com  
Phone: +61 431 294 915

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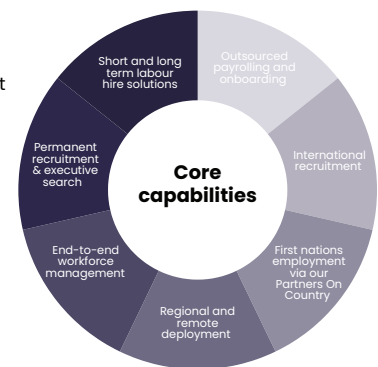
Techforce Personnel is a workforce management and recruitment agency experienced in supplying qualified employees to a range of industries across Australia and internationally. Grounded in our sovereign Australian roots, our experienced veteran-led leadership empowers the specialist talent requirements of the Australian defence industry, efficiently connecting clients with elite talent from a mobilised pool of 65,000 candidates. Techforce is backed by PeopleIN Group, the largest AWX-listed talent solutions company in Australia and New Zealand.

**INDUSTRIES WE SPECIALISE IN**

- Civil and Construction
- Mechanical and Electrical
- Manufacturing and Fabrication
- Mining and Resources
- Professional and Technical
- Shutdowns and Maintenance
- Facilities Management
- Healthcare

**APPROVED SUPPLIER TO**

- Ventia
- Civmec
- Laing O'Rourke ASMTI
- Boeing Defence Australia
- NIOA Group
- Monadelphous
- Fulton Hogan
- Mineral resources
- MACA & Thies
- Downer



**COMPANY STRENGTHS**

- ➔ **Part of PeopleIN Group**, largest ASX-listed talent solutions company with specialised brands recruiting diverse talent
- ➔ **Partners On Country**: Dedicated First Nations agency placing 1,000 candidates annually
- ➔ **International talent pipelines** bringing in over 6,000 candidates annually
- ➔ **Regional offices** located across all Australian defence zones with mobilised talent pools
- ➔ **Industry leading** Workplace Health and Safety and Return to Work programs
- ➔ **Veteran-lead leadership** ensuring a deep workforce management insight



Justin McNicol ☎ 0439 942 332  
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Director  
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vasosa@vipac.com.au

Brisbane - Vasos Alexandrou  
Director  
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Qualification  
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Established in 1973, Vipac Engineers & Scientists has organically grown to become one of Australia's leading engineering testing laboratories and consultancies.

### Capabilities

- > Dynamics & Structural Integrity Analysis
- > Computer Simulation (FEA & CFD)
- > Noise & Vibration Assessments
- > Weapons Noise Testing
- > Acceleration Testing
- > High Altitude Testing
- > High Amplitude Shock Testing
- > Hydrostatic Pressure Testing
- > Inclination Testing
- > Ingress Protection Testing
- > Mechanical Load & Fatigue Testing
- > Salt Spray & Corrosive Atmosphere Testing
- > Temperature & Humidity Testing
- > Vibration & Shock Testing
- > Monitoring (HUMS), Data Acquisition & Diagnostics

### Discriminators

- > Over 50 Years of Experience
- > Over 150 Qualified Personnel
- > Services in Melbourne, Brisbane, Adelaide, Sydney
- > Security Clearances up to NV1
- > A Reputation for Quality
- > Preferred Supplier at Prime Industry Forums
- > Cost Effective with Fast Turnarounds
- > Able to Design and Manufacture Bespoke Testing Fixtures

### Key Customers

- Defence
  - > ASC
  - > Australian Defence Force
  - > BAE Systems
  - > BMT Group
  - > EOS Systems
  - > DroneShield
  - > Leidos
  - > New Zealand Defence Force
  - > Raytheon Australia
  - > Rheinmetall
  - > Royal Australian Navy
  - > Saab
- Aerospace
  - > Airbus
  - > Boeing
  - > Lockheed Martin
  - > Northrop Grumman
  - > THALES Group
  - > Trakka Systems

### Key Markets

- > Defence
- > Aerospace
- > Marine
- > Mining
- > Oil & Gas
- > Rail & Transport
- > Building & Infrastructure
- > Cybersecurity
- > Industrial Occupation
- > Whitegoods

### Qualifications & Certifications

- > A2LA Accredited, IEC/ISO 17025
- > NATA Accredited Ingress Protection Testing
- > BSI ISO 45001, ISO 9001, ISO 14001, and ISO 27001
- > Registered RSP No. 15701
- > Member of the DISP
- > Recognised by the ABS

### Applicable Standards

- Defence
  - > DEF(AUST)5000
  - > DEF-STAN 00-35
- MIL-STD 167
- MIL-STD 202
- MIL-STD 810
- NATO
- RTCA DO-160F
- Environmental Testing
  - > AS IEC 60068.2
  - > AS/IEC 60529
  - > BS EN 50125-3:2003
  - > BS EN 50155:2007
  - > IEC 61373:2010





# Optimise your financial performance

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- Strategic and succession planning
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## Contact

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Business Advisory Director  
lee.fuller@williambuck.com  
0408 804 829

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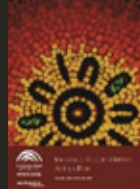
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## Capabilities

- **Advanced Production Facilities:** Fully equipped factory with state-of-the-art production equipment, including:
  - C.N.C controlled point to point Borers
  - Beam Saws
  - Nesting Machines
  - Veneer and laminating press
- **Cutting-Edge Supply Chain Software:** Utilisation of a highly modular supply chain software program that automates and streamlines manufacturing and project delivery processes.
- **Versatile Production Capacity:** Production flexibility to handle small and large-scale projects, both nationally and internationally.
- **Specialisation in project-based furniture solutions:** Tailored to meet unique workspace requirements.

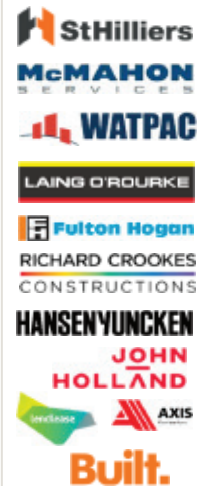
## Discriminators

- Proudly Australian Owned and Operated, with a well-established nationwide Logistics system.
- Quality Endorsed for highly regulated industries, including Defence, Education, Health, Aged Care, and Commercial sectors.
- Unwavering commitment to quality manufacturing, specialising in crafting bespoke pieces with exceptional craftsmanship.
- Streamlined efficiency and cost control achieved by maintaining full control over manufacturing, supply, and delivery processes.
- Extensive product range, offering the flexibility to tailor and customise furniture solutions to meet clients' specific needs.

## Certifications



## Key Partners



## Memberships



Current as at: January 25





## LONGSTANDING PARTNERSHIP PRODUCES CUTTING-EDGE RESULTS

PMB Defence and Hendon Semiconductors have been in a successful partnership for over 10 years, working together on the development of cutting-edge battery probe systems initially for the Royal Australian Navy and now expanding globally. This collaboration combines the expertise of two highly specialised companies with complementary strengths.

PMB Defence is renowned for its world-leading knowledge in battery monitoring and analysis, particularly for submarines, making it one of Australia's most successful sovereign Defence solution providers. Assisted by its access to domestic stakeholders, it has evolved into a global leader of high-quality energy and specialised engineering solutions winning significant contracts (supplying both traditional as well as new technology submarine battery systems) in the UK and Canada amongst many others.

Hendon Semiconductors is recognized as a manufacturer and designer of advanced electronic systems and has an industry leading diversity of electronic manufacturing capabilities. Hendon were the first manufacturer of semiconductors in South Australia and still maintain a sovereign semiconductor design and testing capability. Hendon also has Australia's only commercial thickfilm facility and has been involved in Defence for over 40 years.

Throughout their decade-long partnership, Hendon Semiconductors has provided its technical expertise in firmware development, digital and analog circuit design and manufacturing while PMB Defence has contributed its application specific expertise and taken responsibility for systems engineering and mechanical design. Defining the roles in this way however masks the true working style. In practise the two teams work closely and openly allowing each other full visibility in terms of technical challenges and comfortably allowing each other to work outside their area of responsibility where it makes sense or to improve the quality of the solution or the time to release. The relationship has evolved considerably







since it began with the GEN1R, the first generation of the battery probe, and is now a highly effective model for sovereign technological innovation.

In their most recent project for example, the team created a new wireless battery probe in just over three months, progressing from initial concept to a fully functional prototype. This rapid development was essential to ensure that the probe was ready for a customer demonstration on schedule and that an export opportunity was taken advantage of. Thanks to the strong, collaborative approach adopted by both teams, and with our engineering and production teams working closely together, we were able to transition from design to manufacturing, ensuring smooth continuity throughout the development process. This wireless project is now in its final testing and evaluation phase with a release date scheduled for December 2024. The enduring partnership between PMB Defence and Hendon Semiconductors has led to continuous innovation, ensuring that both companies continue to enhance the products and solutions provided to Defence partners, both domestically and globally.

PMB Defence know that their work saves the war fighters lives both directly and indirectly and so therefore they need to partner with organisations that, like them, are uncompromising in their pursuit of quality. They understand that in working with Hendon Semiconductors they are assured the designs are done with both manufacturing and testing in mind and therefore the risks of manufacturing defects impacting the war fighter is decreased. Together Hendon and PMB have defined both line testing and reliability regimes to further demonstrate the ruggedness of the solutions they supply.

While not every idea becomes a product, the close and transparent relationship between PMB Defence and Hendon Semiconductors ensures that concepts are thoroughly discussed and evaluated. Both teams openly share their knowledge to assess the opportunities, risks, and necessary steps to bring innovative ideas to fruition. This collaborative culture has been key to driving technological advancements that strengthen Defence capabilities.





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As a profit-for-purpose charity, all our proceeds support research, training, and programs dedicated to the wellbeing of veterans, emergency service personnel, and their families.

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- Customisable products
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By integrating industry-specific training with engineering skills development, this program empowers graduates with the autonomy and confidence needed to make significant contributions to their teams and Defence projects.

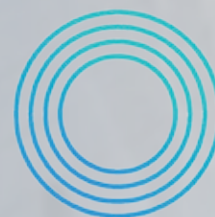
Interested businesses and graduates can contact Engineers Australia's training division, Engineering Education Australia by emailing [graduate@eea.org.au](mailto:graduate@eea.org.au). The next intake for the program is scheduled to start on 6 May 2025. Enrolments will close on 25 April.

Visit the Engineering Australia stand at the Avalon International Airshow to learn more.



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