

Indo Pacific 2025 Victorian Government Pavilion

Capability Guide



Overview

Victoria's defence industry is renowned for its highly skilled workforce, excellence and unparalleled capabilities in:

- advanced manufacturing
- world-class research and development
- delivering complex defence projects.

Victoria has proven expertise in aerospace, land systems, cyber security, maritime and munitions. The Victorian Government supports its defence industry to build capability, secure projects and create jobs.

Our defence sector generates over \$10.9 billion in direct annual expenditure, delivering \$4.9 billion in GVA benefits across the supply chain, with \$1.7 billion in annual exports. Defence supply chain businesses employ over 29,000 people across the state.

Join us at **Stand 3F92** during Indo Pacific 2025
or visit our website **defence.vic.gov.au**



Victorian State Government

The Defence and Aerospace team provides a single point of entry for government and industry coordination across the Victorian defence sector. We focus our efforts on securing high value investment, trade and supply chain opportunities for the State.

defence@ecodev.vic.gov.au

defence.vic.gov.au

Victoria's Maritime Capabilities

Victoria has extensive capabilities in the design, development, manufacturing and sustainment of a range of maritime platforms. Home to over 500 companies supporting the maritime sector, Victoria is leading the way in delivering projects for the Australian and global defence industries.

Victoria's leading maritime capabilities include:

- engine and propulsion systems
- expertise in design and construction
- fluid dynamics
- advanced visualisation tools
- advanced composite materials and production
- component design, testing and certification
- simulation and modelling
- advanced manufacturing
- ICT and software development
- intelligent systems design.

Victorian Defence and Space Network

The Victorian Defence and Space Network (VDSN), is an initiative by the Victorian Government and AIDN. It promotes Victorian defence and space industry globally. Its mission is to help VDSN members secure more work and foster industry growth and relevance with the Australian Government.

manager@vdsn.org

vdsn.org

The VDSN Objectives are to:

- Promotes Victorian defence and space capabilities to key stakeholders domestically and internationally
- Identify opportunities for Victoria's supply chain companies with industry advice and intelligence
- Connect industry with domestic and global defence and space opportunities
- Communicate Victoria's defence and space industry supply chain capabilities
- Grow the Victorian defence and space industry and minimise barriers for Victorian SMEs.

The VDSN aims to:

- Manage and expand Victorian defence and space industry membership
- Advice companies on supplying to the Department of Defence (Defence)
- Deliver industry briefings across Victoria
- Promote and connect member companies at industry events.

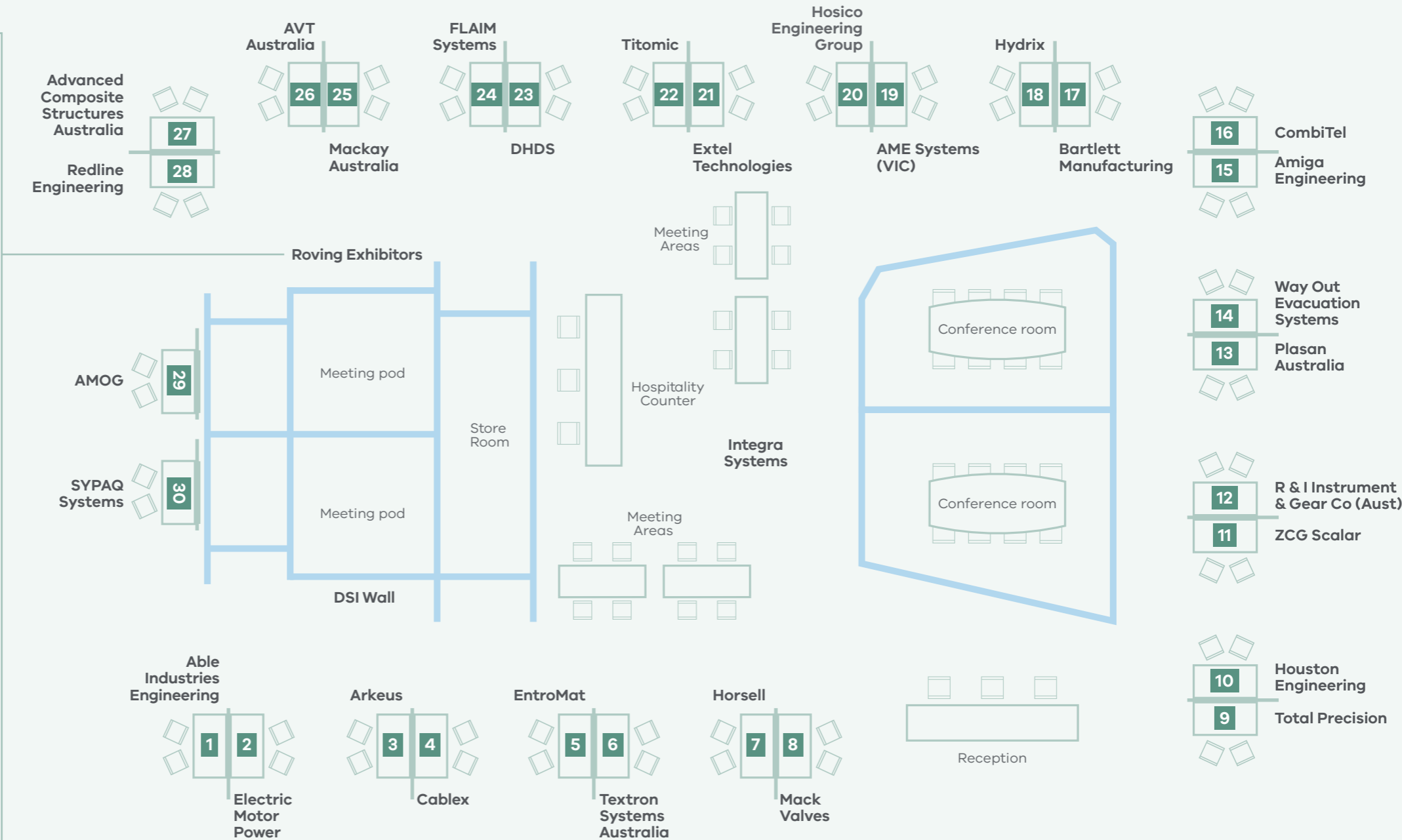
Be part of a community advancing Victoria's defence and space industry, network with industry professionals, access valuable information and resources, and contribute to the industry's success.

The Victorian Government invites all businesses in the defence and/or space industry in Victoria to join the VDSN.

Floor Plan

Roving Exhibitors

Additive Manufacturing CRC
Agent Oriented Software (AOS)
All Sat Communications
Applied Fasteners and Tooling
AW Bell
BlueRoom Simulations
Campagno Engineering
Falcon UAV
Inflection Australia
Jack Thompson Engineering
Latrobe City Defence Alliance
Li-S Energy
Lindo Technology Group
Luminact
MACH Engineering
Objective3D
Ocean Software
Open Welding
Parish Engineering Company
Phasor Quantum Ribcraft Marine
Ronson Gears
Rubicon Associates
Secure Hard Drive Destruction
SOLSTAS
Systematiq
The Design Technology Company
THYCON Industrial
Tufwrap
Uneek Bending Co
Vipac Engineers and Scientists
XM2 Earth
ZenithGroup - Defence



Exhibitor
Profile
Metrics

	Page	Pod	Artificial Intelligence	Autonomous Systems	Communications	Design	Electronic Warfare	Engineering	Field Equipment	Humanitarian	ICT and Cyber	Intelligence, Surveillance and Reconnaissance	Logistics	Manufacturing	Medical	Optical	Personal Protection	Research and Development	Robotics	Ship Building	Space Capabilities	Test Equipment	Through-Life Support	Training and Education	Uncrewed and Counter Uncrewed Systems	Vehicles and Accessories	Weapons and Ammunition
Able Industries Engineering	11	1				✓		✓					✓	✓						✓			✓			✓	✓
ACS Australia	12	27		✓		✓		✓	✓					✓				✓		✓	✓	✓	✓	✓	✓	✓	✓
Additive Manufacturing CRC	44	ROVING												✓				✓						✓			
Agent Oriented Software	44	ROVING	✓	✓			✓					✓															
All Sat Communications	45	ROVING			✓				✓								✓						✓			✓	
AME Systems (VIC)	13	19				✓		✓						✓				✓			✓		✓			✓	
Amiga Engineering	14	15												✓	✓		✓	✓			✓					✓	✓
AMOG	15	29		✓	✓	✓		✓					✓					✓		✓	✓		✓	✓	✓		✓
Applied Fasteners and Tooling	45	ROVING		✓	✓	✓	✓	✓	✓					✓				✓		✓	✓		✓	✓	✓	✓	✓
Arkeus	16	3	✓	✓	✓	✓	✓	✓				✓		✓		✓		✓							✓		
AVT Australia	17	26	✓	✓		✓	✓	✓			✓	✓		✓		✓		✓	✓				✓		✓		
AW Bell	46	ROVING		✓		✓		✓						✓				✓	✓		✓		✓		✓	✓	✓

Exhibitor
Profile
Metrics

Exhibitor Profile Metrics	Page	Pod	Artificial Intelligence	Autonomous Systems	Communications	Design	Electronic Warfare	Engineering	Field Equipment	Humanitarian	ICT and Cyber	Intelligence, Surveillance and Reconnaissance	Logistics	Manufacturing	Medical	Optical	Personal Protection	Research and Development	Robotics	Ship Building	Space Capabilities	Test Equipment	Through-Life Support	Training and Education	Uncrewed and Counter Uncrewed Systems	Vehicles and Accessories	Weapons and Ammunition
Bartlett Manufacturing	18	17				✓								✓													
BlueRoom Simulations	46	ROVING	✓												✓			✓						✓			
Cablex	19	4		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Campagno Engineering	47	ROVING				✓								✓	✓			✓									
Combitel	20	16	✓		✓	✓				✓	✓			✓				✓					✓	✓			
Defence Science Institute	21	WALL	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓			✓					✓				
DHDS	22	23												✓									✓			✓	
Electric Motor Power	25	2		✓		✓		✓						✓				✓	✓				✓		✓		
EntroMat	23	5												✓						✓	✓				✓	✓	
Extel Technologies	24	21	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓		✓		
Falcon UAV	47	ROVING	✓	✓					✓			✓													✓		
FLAIM Systems	26	24	✓			✓		✓		✓							✓	✓					✓	✓			

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Horsell	27	7	✓		✓	✓		✓			✓		✓										✓	✓			
Hosico Engineering Group	28	20		✓		✓	✓	✓						✓	✓	✓		✓	✓	✓		✓	✓		✓	✓	
Houston Engineering	29	10	✓	✓		✓	✓	✓						✓				✓		✓							
Hydrix	30	18		✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓					
Inflection Australia	48	ROVING	✓		✓	✓		✓	✓			✓		✓		✓		✓			✓				✓		
Integra Systems	31	CENTRE				✓		✓						✓				✓									
Jack Thompson Engineering	48	ROVING				✓		✓						✓				✓		✓		✓				✓	
Latrobe City Defence Alliance	49	ROVING		✓	✓	✓		✓	✓		✓		✓	✓				✓	✓			✓	✓	✓	✓	✓	
Lindo	49	ROVING				✓			✓	✓				✓	✓												
Li-S Energy	50	ROVING							✓			✓		✓				✓			✓	✓			✓	✓	
Luminact	50	ROVING			✓	✓	✓	✓	✓					✓				✓								✓	
MACH Engineering	51	ROVING		✓		✓		✓					✓	✓					✓				✓				
Mack Valves	32	8						✓						✓				✓				✓	✓				
Mackay Australia	33	25				✓		✓						✓				✓	✓	✓	✓	✓	✓			✓	

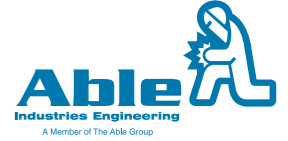
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Objective3D	51	ROVING		✓		✓		✓	✓					✓	✓			✓		✓	✓		✓		✓	✓	
Ocean Software	52	ROVING	✓	✓	✓						✓		✓								✓			✓			
Open Welding	52	ROVING									✓			✓						✓		✓		✓			
Parish Engineering Company	53	ROVING				✓		✓						✓												✓	
Phasor Quantum	53	ROVING	✓	✓	✓	✓	✓	✓				✓			✓			✓			✓				✓		
Plasan Australia	34	13		✓		✓						✓		✓			✓		✓						✓		
R & I Instrument and Gear Co	35	12		✓										✓	✓	✓			✓					✓	✓	✓	
Redline Engineering	36	28												✓	✓	✓									✓	✓	
Ribcraft Marine	54	ROVING		✓		✓		✓	✓					✓													
Ronson Gears	54	ROVING		✓		✓		✓						✓	✓			✓	✓	✓	✓				✓	✓	
Rubicon Associates	55	ROVING	✓	✓	✓	✓	✓	✓			✓		✓	✓													
Secure Hard Drive Destruction	55	ROVING	✓	✓	✓	✓	✓	✓	✓		✓		✓						✓	✓	✓				✓	✓	
SOLSTAS	56	ROVING	✓	✓	✓	✓	✓	✓	✓				✓	✓				✓									
SYPAQ Systems	37	30	✓	✓		✓	✓	✓			✓	✓		✓				✓						✓			

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Systematiq	56	ROVING			✓	✓		✓					✓														
Textron Systems Australia	38	6		✓		✓		✓				✓		✓				✓	✓				✓	✓	✓		
The Design Technology Company	57	ROVING		✓	✓	✓	✓	✓	✓					✓	✓		✓		✓	✓	✓	✓	✓		✓	✓	
THYCON Industrial	57	ROVING				✓		✓	✓					✓				✓					✓				
Titomic	39	22						✓						✓				✓		✓	✓		✓		✓	✓	
Total Precision	40	9				✓		✓						✓	✓				✓				✓			✓	
Tufwrap	58	ROVING												✓										✓			
Uneek Bending Co	58	ROVING				✓		✓						✓				✓	✓	✓			✓		✓		
Vipac Engineers and Scientists	59	ROVING						✓												✓	✓						
Way Out Evacuation Systems	41	14				✓		✓						✓		✓		✓		✓			✓				
XM2 Earth	59	ROVING	✓	✓	✓	✓		✓	✓			✓	✓	✓		✓		✓	✓			✓	✓	✓	✓	✓	
ZCG Scalar	42	11			✓									✓				✓					✓				
ZenithGroup – Defence	60	ROVING						✓						✓									✓				

Able Industries Engineering



Stephen Martyn | Managing Director | +61 3 9391 1522 | +61 411 428 969 | smartyn@ableind.com.au | ableind.com.au

Able Industries Engineering is a 100% Australian owned and operated business and a trusted partner of Defence since 1975 (50 years) providing metal fabrication, project management, and design engineering services. Able offer from precision prototype up to volume production fabrication, robotic welding automation solutions, APAS blast and painting, and component integration for Original Equipment and TLS applications.

Product and Services

- Build to print
- Vehicle components and parts
- Military spec APAS paint and blast facility
- Responsiveness to changing and emerging requirements (RAPID)
- Niche manufacturing, assembly and integration
- Strategic Supply Chain Partners

Key Customers and Partners

- Rheinmetall
- Supacat
- Hanwha
- Thales
- CASG
- BAE Systems

Capabilities and Discriminators

- Complete engineering solutions, project management, TLS
- Full 2D,3D CAD including FEA
- Latest CNC Automation, Laser, Turret Punching, Presses, Welding Robotics
- Specialised welding including ballistic armour and high-performance alloys
- Fully integrated QMS/ERP
- Diverse and proven capability over 50 years

Awards and Certificates

- ISO 9001
- ISO 14001
- ISO 45001
- ISO 3834-2
- DIN 2303 Q2/BK1

Advanced Composite Structures Australia (ACS Australia)



Paul Falzon | General Manager | +61 3 9676 4900 | +61 412 643 275 | p.falzon@acs-aus.com | acs-aus.com

ACS Australia is a leading composites engineering and manufacturing organisation, with a reputation for taking on challenging projects. Specialising in design, manufacture and repair of light-weight, composite structures. With over 30 years of experience supporting Defence, ACS Australia is the ideal partner to deliver Defence solutions.

Product and Services

- Autonomous Vehicles – UAV/AUV/ Drone design and manufacture of composite structures
- SatCom Structures – carbon fibre epoxy structures with optimised design for reduced weight
- Hypersonic Structures – manufacture of Ultra-high temperature (UHT) composite structures
- Transport Structures – Complex composite and metallic structures for air, land and sea vehicles

Key Customers and Partners

- Defence Science and Technology Group
- Anduril
- EM Solutions
- Boeing Defence Australia
- Australian Composites Manufacturing CRC
- Blue Economy CRC

Capabilities and Discriminators

- Full spectrum from design through to manufacture all in one partner
- Automated composites manufacturing (filament winding, ply cutting, NC machining) and assembly (NC drill/trim)
- Structural optimisation, impact and crash simulation capabilities
- Manufacture of Ultra-high temperature (UHT) composite structures for hypersonic and space applications
- Proven record of delivering composite products to industry for more than 30 years
- 100% Australian owned and operated

Awards and Certificates

- ISO 9001 Certified Organisation
- DISP (Defence Industry Security Program)
- Composites Australia Innovation Award for Advancements in Composite Technology
- City of Melbourne Lord Mayor Business Award
- Highly Commended in Australia's 50 Most Innovative Manufacturers Award
- JEC Asia Innovation Award

AME Systems (VIC)



Laura White | Sales Manager | +61 3 53529000 | +61 419512604 | lauraw@amesystems.com.au | amesystems.com.au

AME Systems (VIC) are an 100% Australian privately owned designer, manufacturer and integrator of highly complex electrical wiring harness systems and assemblies. They specialise in customised electrical solutions for heavy transport, aerospace, defence, rail, agriculture, special purpose vehicles and machinery. We offer a full service and support from design to delivery, and after-market sales. As leaders in our industry, we have 40 years expertise and a long history of leadership and success in the electrical harness industry. We continue to invest in the latest technology and staff capability to offer world class electrical harness design and manufacturing services.

Product and Services

- Manufacturer of highly complex electrical wiring harness systems
- Design support
- Cable painting

Key Customers and Partners

- Rheinmetall Defence Australia
- Boeing
- Thales Australia
- Northrop Grumman – USA
- Hanwha Defence

Capabilities and Discriminators

- Cable/Wire laser marking
- ITAR cleanroom
- Training School

Awards and Certificates

- AS9100
- ISO027001
- ISO9001

Amiga Engineering



Dee Bouchier | Head of Media and Marketing | +61 3 9330 0688 | +61 410 513 170 | dee.bouchier@amigaeng.com.au | amigaeng.com.au

Amiga Engineering provides strong innovation in additive manufacturing for the Defence sector. Our specialised capabilities encompass metal and polymer additive manufacturing – including Tungsten, Scalmalloy and Copper Nickel – alongside CNC machining and industrial gearbox solutions. We are proud to showcase our AMI-X3 Mach2 target drone, which demonstrates our defence and aerospace sector capabilities.

Product and Services

- Unique Titanium Ballistic
- Advanced Lightweight Armour
- Hot Leading Edges for Hypersonic applications
- Copper Nickel 3D printing for maritime Casting solutions
- Australian-Made Suppressors
- Innovation and R&D
- Australian Made Industrial Gearboxes

Key Customers and Partners

- DSTG
- Hypersonix Launch Systems
- Hanwha Defence Australia
- Lockheed Martin
- BAE Systems
- Navantia

Capabilities and Discriminators

- Largest Service bureau in Australia for Metal & Polymer Additive Manufacturing
- Innovative, cutting-edge manufacturing solutions, CNC machining, metal and polymer 3D Scanning, industrial maintenance and fabrication
- Solid rocket fuel motors, liquid engines, nozzles and hypersonic scram jet engines
- Mach 2 Target drones for Surface-to-Air and Air-to-Air combat drills and threat simulation
- Metal 3D printed ballistic titanium armour solutions and firearm components
- Certified for Metal 3D Printing in Scalmalloy and Tungsten

Awards and Certificates

- Winner Space Awards 2025 – Engineering company of the Year
- Winner of Defence Industry Awards 2024 – Sovereign Industry Champion
- Endeavour Awards 2024 – Most Innovative Manufacturer of the Year
- AU Manufacturing – Gold Award 2024 (Top 10) Most Innovative Manufacturer of the Year (out of 50 finalists)
- AU Manufacturing – Defence Manufacturer of the Year 2024
- AS9100D:2016
- ISO9001:2015
- DISP-Level 1

Tim Lee | Chief Operations Officer | +61 3 9542 3700 | +61 4144 490 318 | tim.lee@amog.consulting | amog.consulting

Amiga Engineering provides strong innovation in additive manufacturing for the Defence sector. Our specialised capabilities encompass metal and polymer additive manufacturing – including Tungsten, Scalmalloy and Copper Nickel – alongside CNC machining and industrial gearbox solutions. We are proud to showcase our AML-X3 Mach2 target drone, which demonstrates our defence and aerospace sector capabilities.

Product and Services

- System Safety Program and Safety Case Development
- Seaworthiness and Assurance Engineering
- Real Time Condition Insight on Critical Systems
- Specialist Systems Engineering
- Explosive Ordnance Facility Design and Safety Management

Key Customers and Partners

- NSSG/CASG
- Thales Australia/Australian Munitions
- BAE Systems Australia
- Royal Australian Navy (RAN)
- Australian Maritime College (AMC)

Capabilities and Discriminators

- Best in Class System Safety Engineering with 20+ years in Defence Safety Case Development
- Australian employee-owned, DISP-accredited, independent SME
- Leaders in the application of quantitative analysis techniques to Seaworthiness Management
- 20+ years' experience in naval programs including Collins, SEA1654, OPV, FFG, ANZAC, Armidale Patrol Boats, DDG/AWD, Sirius, DMCM
- COMCARE Approved Assessor for MHFs
- Experts in MIL-STD-882, JSSEH, RTCA/DO-178, DEF STAN 0056 and other Defence Standards

Awards and Certificates

- Certified HSEQ Management System
- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- ISO 27001
- Member of DISP (Level: NV1/Secret)
- RINA (Chartered)
- Engineers Australia (Chartered)
- Veterans' Employment Supporter

Arkeus



Simon Olsen | CEO | +61 468 368 084 | simon.olsen@arkeus.com | arkeus.com

Arkeus accelerates decision making via the fusion of optics and autonomy. Arkeus specialises in innovation of autonomous optical capabilities to deliver transformative Search, Intelligence, Surveillance and Reconnaissance (SISR) effects, including:

- **Hyperspectral Optical Radar (HSOR):** the world's first real time, wide area, hyperspectral search sensor. It recognises and tracks objects over land, sea and littoral - day and night.

- **Optical Terminal Guidance (OTG):** passive guidance in denied or disrupted situations to detect and identify targets, determine locations, and provide rapid updates to the munition.
- **Synthetically Lossless Compression Engine (SLICE):** software compresses imagery to facilitate dissemination in heavily constrained data environments, using AI super resolution to restore imagery at its point of receipt.

Product and Services

- Hyperspectral Optical Radar (HSOR)
- Optical Terminal Guidance (OTG)
- Synthetically Lossless Compression Engine (SLICE)

Key Customers and Partners

- USMC
- Australian Navy
- Australian Army
- Australian Air Force
- US SOCOM

Capabilities and Discriminators

- Autonomous detection and classification of all objects within field of view
- Autonomous optical exploitation and analysis on the edge
- Detects small objects of interest beyond capabilities of existing systems
- Innovative dissemination capabilities in communication denied environments

Awards and Certificates

- Data provided is consistent with relevant STANAG and MISB standards, ensuring straight forward interoperability with existing systems and networks

AVT Australia



Evert van Schuppen | Managing Director | +61 402 437 154 | e.vanschuppen@ascentvision.com.au | ascentvision.com.au

At AVT Australia, we are committed to the highest levels of excellence in the design, development, manufacture, and support of advanced multi-sensor imaging systems. We are passionate about providing reliable products and services to our customers and empowering our employees to excel.

Product and Services

- CM41
- CM62
- CM102
- CM234
- CM262

Key Customers and Partners

- Australian Defence Force
- United States Marine Corps
- United States Airforce
- United States Navy
- Insitu Pacific

Capabilities and Discriminators

- In house FPGA, CMOS Sensor, and LWIR Sensor development
- In house Object Detection, and Classification AI algorithm development
- 2,000+ sqm R&D, Engineering and Production facilities including
- Optical and IR Collimator
- Class 4 Laser Test Facility

Awards and Certificates

- AAUS Industry Champion Innovation Technology Winner 2022, Finalist 2019 and 2020
- Australian Defence Industry Innovator of the Year 2021 Finalist
- AMDA Avalon 2023 Innovation Awards Shortlisted



Bartlett Manufacturing

Matt Brown | Project Manager | +61 3 5339 3103 | +61 421 577 347 | matt@bartlett.net.au | bartlett.net.au

Family owned and operated in Ballarat, Bartlett Manufacturing is the industry leader in the fabrication of Industrial Textile Products, specifically designed for Defence applications. Bartlett works closely with Defence departments, supplying quality custom made goods to suit military equipment. Bartlett Manufacturing supplies Defence via contract partnerships and alliances with Prime, Sub-prime and SME suppliers. Bartlett leads the way in developing new fabrication and sealing techniques leading to faster, stronger, more durable welding and sewing techniques.

Product and Services

- Weapon Covers
- Canopy Covers
- Tents
- Tarpaulins
- Weatherproof/Protection Covers
- Shade Awnings/UV protection

Key Customers and Partners

- Rheinmetall
- Thales
- Varley
- Transhield
- CASG
- Bale Defence

Capabilities and Discriminators

- Australia's largest industrial textile products manufacturer, operating 4 factories in 3 locations with 8,000 sqm of production floorspace
- Expertise in industrial sewing and welding of canvas, PVC, PP, PE and PU fabrics
- Concept design, prototyping, CAD engineering, with a focus on accuracy and repeatability
- Fully computerised cutting, laser measuring, 3D modelling, and custom jigs with advanced fabrication equipment
- Project management including specialised product solutions, testing, assessment, repairs, and through-life support
- Flexible manufacturing: capable of both high-volume production and low-volume custom batches, including large-scale and oversized products

Awards and Certificates

- ISO 9001:2015 Accreditation
- Internal Quality Systems
- AS/NSF – material certification
- Recognised Defence Supplier
- Inductee in Vic Manufacturing Hall of Fame

Cablex



Dave Ryland | Business Development/Account Manager | +61 435 755 692 | dave.ryland@cablex.com.au | cablex.com.au

Cablex is Australia's leading inhouse full range service provider of complex Electrical Wiring Interconnect Systems (EWIS), RF Coaxial Assemblies, Fiber Optic and Electronic Manufacturing Services (EMS).

Product and Services

- Electrical Wiring Interconnect Systems (EWIS) including Fiber Optics and RF Coaxial Assemblies
- Electronic Manufacturing Services
- On Site Support, Integration and Test

Key Customers and Partners

- Airbus
- Rheinmetall
- Boeing
- Northrop Grumman
- Thales
- Australian Government
– Department of Defence

Capabilities and Discriminators

- Design, develop and build electrical systems for harsh environments
- Design for manufacture and installation
- On site support, integration and test
- Special processes for shielding, hardening and bonding
- High power, RF and semi rigid cables, extra high frequency above 18Ghz
- Fiber Optic assemblies for military and aerospace applications

Awards and Certificates

- AS9100D (Aerospace Certified)
- ISO 9001-2015
- IPC/WHMA-A-620 and Space Addendum
- IPC-J-STD-001 and Space Addendum
- Cyber to NIST SP800-171
- AUKUS Authorised User – AUK0001297

CombiTel



Eugene Razbash | Managing Director | +61 3 8676 5300 | +61 411 47 22 22 | eugene@combitel.com.au | combitel.com.au

CombiTel is a 100% Australian-owned business based in Melbourne with presence in NSW, WA and QLD. With over 30 years of experience, we have a proven track record of delivering communications, entertainment and learning systems. Our software development team at Omniscreen (a member of CombiTel Group) creates applications and software in-house, including our flagship product: Omniscreen Pilot. Deployed by the Royal Australian Navy since 2007, our solutions improve quality of life at sea.

Product and Services

- Quality of Life Systems (QoL)
- Ship Communications (PABX)
- Custom hardware manufacturing
- Software for entertainment and training delivery
- Premium Entertainment Content: Movies, Music, Audiobooks and E-books

Key Customers and Partners

- Royal Australian Navy
- US Navy (via SAIC)
- WAMA
- BAE Systems
- L3Harris
- Honeywell

Capabilities and Discriminators

- 20 years of system deployment and service delivery experience with Royal Australian Navy
- Australian-made software
- Local support across Australia
- A complete offering including hardware, software, and premium content
- 100% Australian owned and operated

Awards and Certificates

- ISO9001:2015 Certified Quality Management System
- ISO2700:2022 – pending

Defence Science Institute



Craig Butler | Engagement Manager | +61 435 755 692 | craig.butler@defencescienceinstitute.com | defencescienceinstitute.com

DSI actively engages the Australian science and technology community, building defence science research networks, and assembling multidisciplinary teams including defence scientists and engineers and researchers from industry and the academic community. It aims to be a primary source for facilitating R&D connections that fosters a globally engaged, competitive and innovative defence and national security sector.

Product and Services

- Maintaining intelligence on the capabilities and interests of Victorian and Tasmanian academics
- Assisting appropriate foreign governments and Primes to identify and collaboration opportunities with Victorian and Tasmanian academics
- Facilitating networking to help the sharing of ideas, capability matching and establish collaborations or a common understanding of problems/requirements
- Assisting stakeholders to understand how to work with Australian defence, industry, governments and research organisations
- Identifying funding and investment sources to assist innovation (local, international, public and private)

Key Customers and Partners

- Victorian and Tasmanian universities
- Australian Department of Defence
- Defence prime contractors and Tier 2 suppliers
- Victorian State Government
- Victorian and Tasmanian technology small to medium enterprises, microbusinesses
- Parties seeking to provide innovative ideas to the Australian Department of Defence

Capabilities and Discriminators

- No vested interest in IP or in a financial stake in any collaboration we help to establish
- Staffed by the stakeholders we represent
- Our Advisory Board and stakeholders are populated by recognised leaders from within the Defence Science and Technology, industry and the university communities
- Unparalleled access to universities, defence/ DST Group and industry
- Unparalleled knowledge of collective capabilities of the Victorian and Tasmanian universities
- Act for all Victorian and Tasmanian universities, DSTG and industry without self-interest as a true honest broker

DHDS



Mohamed Yusuf Mohamed | Business Development Manager | +61 3 9462 6777 | +61 411 396 878 | mohamed@dhds.com.au | dhds.com.au

DHDS Group is a leading Australian precision engineering company specialising in deep hole drilling and advanced manufacturing. With decades of experience, we deliver high-tolerance components to the Defence, Maritime, Aerospace, and Advanced Manufacturing sectors. Our clients include Marand, CEA Technologies, and DSTG, supporting programs such as the F-35 and advanced radar systems. DHDS combines technical expertise with innovative machining capabilities to meet the demanding requirements of mission-critical projects, ensuring quality, reliability, and performance in every component we deliver.

Product and Services

- Deep Hole Drilling Services
- Fabrication
- Large CNC Machining (X4000.Y2000.Z1500.)
- Foundry Casting

Key Customers and Partners

- Marand Precision Engineering
- CEA Technologies
- DSTG
- RONSON
- ROSBANK Engineering
- Ferra Engineering

Capabilities and Discriminators

- 7 x Gun drilling machines
- Ejector drilling
- 3 x BTA or Single Tube System (STS) drilling machines
- 3 x Large CNC Machining Centers
- 2 x Induction Melting Furnace
- 2 X Robotic Production Cells

Awards and Certificates

- ISO 9001

EntroMat



Greg Lindsay | Chief Executive Officer | +61 438 449 575 | greg.lindsay@entromat.com | entromat.com

EntroMat is a pioneering deep-tech startup transforming the metal powder industry through the advancement of High Entropy Material (HEM) powders. Our proprietary technology delivers sustainable, high-performance HEM powders tailored for additive manufacturing, surface-engineered coatings or powder metallurgy components.

Product and Services

- Superior Corrosion and wear resistant materials
- Anti-fouling materials with high wear resistance for critical marine equipment
- Thermal barrier material
- Radiation protection material
- Conductivity enhancing material – Thermal and electrical

Key Customers and Partners

- Industrial including steel manufacturing, mining and automotive
- Energy including batteries, hydrogen electrolyser/fuel cell and gas turbine
- Aerospace including jet engines, rocket components, spacecraft and satellites
- MedTech including orthopaedic implants and medical devices

Capabilities and Discriminators

- Sovereign producer of High Entropy Material powders (HEM)
- Computational predictive capability for optimised property solutions
- Tailored combinations make HEMs superior to competing conventional materials in durability and functionality
- Platform technology for demanding applications across a range of industries
- Sustainable solutions transforming recycled feedstock into high-performance powder materials, securing the supply of critical minerals
- Technical expertise supported by decades of R&D from Swinburne

Awards and Certificates

- Strategic planning for ISO9000 and AS9100 certifications to ensure global quality compliance

Extel Technologies



Jeff Thomas | Chief Business Officer | +61 3 9852 9200 | +61 412 385 327 | jeff.thomas@exteltechnologies.com | exteltechnologies.com

Extel Technologies is a Victorian-based electronics manufacturer specialising in advanced manufacturing and assembly of mission-critical printed circuit boards and turnkey solutions for defence, aerospace and maritime sectors. With a local state-of-the-art Industry 4.0 manufacturing facility, we deliver sovereign capability through design, engineering and production of complex, high-reliability electronic systems, meeting critical AIC objectives, global supply chain resilience and industry compliance requirements.

Product and Services

- Printed Circuit Board Assembly (PCBA)
- Turnkey Product Design and System Integration
- Rapid Prototyping and NPI Support
- Rugged Electronics for Defence Environments
- Advanced Functional and Compliance Testing
- Lifecycle Services: Obsolescence, Sustainment, Reverse Logistics

Key Customers and Partners

- C4i
- Senetas Corporation
- BAE Systems
- EOS Defence
- Trakka Corp
- Silentium Defence

Capabilities and Discriminators

- Industry 4.0-certified sovereign manufacturing facility with international reach
- Fully compliant with RoHS, IPC and regulated industry standards
- Integrated Tier 1 ERP system driving quality, continual improvement, traceability and lifecycle control
- Agile design-to-deployment capability with agility for rapid volume increases
- Secure, transparent and locally managed supply chain
- 35+ years as a trusted partner to Tier 1 defence primes and regulated sectors

Awards and Certificates

- AS9100D
- DISP
- ISO9001/ISO13485
- RoHs Compliant
- IPC (including qualified in-house trainers)
- FOD Control, US/AU Quality Compliance

Electric Motor Power



Hristos Matheou | Operations Manager | +61 3 9720 6366 | +61 405 811 867 | hristosm@emppl.com.au | emppl.com.au

Sovereign provider of mission-critical electric motor systems.

Proudly Australian owned and operated since 1989, Electric Motor Power (EMP) is a trusted designer and manufacturer of high-performance DC motor systems. Delivering sovereign motor solutions for naval and defence platforms across land, sea, air, and autonomous systems, designed for demanding operational environments.

Product and Services

- Brushless DC Motors
- DC Motor Design
- Brushed DC Motors
- Axial Flux Motors
- Outer runner motors
- Custom stator and rotor production

Key Customers and Partners

- EOS
- Advanced Navigation
- DST Group
- Varley Group
- Knorr-Bremse

Capabilities and Discriminators

- Bespoke design and manufacturing
- Local production facilities
- Whole-of-life product support
- In-house testing facilities
- Sovereign R&D capability
- Over 35 years of industry experience

Awards and Certificates

- ISO9001 Quality Accreditation
- ISO45001 Safety Accreditation

FLAIM Systems

FLAIM

Steve Kelberg | Sales Manager | +61 386 573 350 | info@flaimgsystems.com | flaimgsystems.com

FLAIM creates immersive mixed-reality (MR) training system solutions to aid first responders, defence teams, and high-risk industry workers to prepare more effectively and confidently for real-world emergencies and life-threatening situations. FLAIM's capabilities combines VR, heat, haptics, and real-time suppression for realistic simulations and track trainee performance with analytics and objective performance metrics. This enables safer, more sustainable training – with no human or environmental risk – supporting faster onboarding, skills maintenance and training for high-risk low frequency emergencies that are too difficult, expensive or dangerous to replicate in real life.

Product and Services

- FLAIM FTS: Mixed reality (MR) firefighter training system
- FLAIM FEX: Mixed reality (MR) fire extinguisher training system
- FLAIM EOD: Mixed reality (MR) EOD training system
- Bespoke immersive training solutions for defence

Key Customers and Partners

- U.S. Navy
- U.S. Air Force
- Australian Army
- French Navy (Marine Nationale)
- Air Services Australia
- Rio Tinto
- BHP

Capabilities and Discriminators

- Customisable and modular – integrates with existing defence training frameworks
- Proven with global defence forces including US Air Force, Australian Navy, UK, and more
- Reduces training costs, logistics, and downtime whilst increasing capability retention
- Australian designed and manufactured

Awards and Certificates

- 2019 Fire Protection Industry Awards
- 2019 iAwards Startup of the Year
- 2019 Governor of Victoria Export Awards
- 2020 Geelong Business Excellence Awards
- 2022 Community Achievement Awards
- 2022 Unity Government and Aerospace Creator Awards

Horsell



Jon Westerland | Principal Consultant | 1800 69 77 65 | +61 433 208 003 | info@horsell.com.au | horsell.com.au

Horsell is a 100% Australian, family and veteran-owned professional services business which assists buyers and sellers make better procurement decisions for the Defence sector. We offer Academy training in key specialities, Consulting services to enlighten teams and Technology applications for both specific and everyday business use.

Product and Services

- templatebot – tender and document automation software
- RateMyTender – Buyer/Seller Feedback software
- Bid Or No Bid – Executive decision support software
- Agent VFM – Tender Evaluation software
- Resume Match Mate – AI tailoring of Applicant Resumes to Job Descriptions

Key Customers and Partners

- Defence Australia (primarily CASG) – Above the Line
- Defence's Major Service Providers – Above the Line
- Defence Industry – Below the Line
- University of Canberra – Capstone Projects and Research

Capabilities and Discriminators

- Commercial and Procurement services
- Integrated Logistics/Product Support services
- Project Management services
- Publications Development services
- Systems Engineering services
- Data Analysis and Decision Support services

Awards and Certificates

- Australian Owned (AO) Certification #01752
- Australian Veteran Owned Business (AVOB) Certification
- Defence Industry Security Program (DISP)

Hosico Engineering Group



Garry Mousaco | New Business | +61 9768 9400 | +61 402 229 770 | garry.m@aptengineering.com | hosico.com.au/aptengineering.com

Hosico Engineering Group has been designing, developing and manufacturing complex, high quality parts and products since 1977. Precision toolmaking is in our DNA, but we are now also known for precision machining, aluminium castings, thermoplastics and electro-mechanical assembled products. We are AS9100D certified and have been a defence and aerospace supplier for more than 25 years. We recently acquired and now incorporate the Australian Precision Technologies business.

Product and Services

- Tooling and fixturing
- Precision machined metal and polymer components
- Thermoplastic injection moulded parts and sub-assemblies
- Aluminium pressure die-cast parts
- Bespoke automated manufacturing cells and solution
- Cleanroom and semi-cleanroom sub-assemblies and turnkey products

Key Customers and Partners

- Boeing
- Kongsberg
- Thales
- Honeywell
- Babcock
- Dronesield
- Elbit Systems
- CEA Technologies
- Ferra Group
- OnTime Networks
- Varley
- Trakkacorp
- ODIS
- AMTIL
- AIDN
- DMTC
- CSIRO
- Australian Universities
- Okuma

Capabilities and Discriminators

- Design, development, 3D Printing and Prototyping, Custom Test lab for product development
- CNC Milking (3, 4, and 5 Axis), CNC Turning (7-10 Axis), CNC Multi-tasking machining
- Injection Moulding (50T) – 650T), Aluminium Pressure Die-Casting 9400T – 800-T)
- 25+ years' experience working with defence primes and tier 1 defence suppliers
- Design/development/prototyping/testing capability, Precision billet machining
- Single Source Supplier for critical parts for Boeing 737, 777, 787, Boeing Commercial and Defence global supply chain participant, In house Aerospace wet spray painting and finishing

Awards and Certificates

- AS900D/ISO9001:2015
- BAC5321 (Boeing flyaway thermoplastic parts)
- Boeing delegated product release verification approval
- ISO 7 Certified Cleanrooms
- DISP Member
- JOSCAR Member

Houston Engineering

HOUSTON ENGINEERING

Angus Houston | Sales Director | +61 404 034 615 | ahouston@housteng.com.au | housteng.com.au

We are an authorised resellers of Altair (Siemens) simulation software, delivering customised defence solutions in Australia. Our Naval Architecture and Shipbuilding consultancy supports sovereign capability by enabling advanced simulation, design, and integration essential to Australia's naval shipbuilding programs.

We play a critical role in local defence industry readiness and resilience.

Product and Services

- Engineering Simulation Software Supply and Support
- Engineering Consultancy – Naval Architecture and Structural Engineering

Key Customers and Partners

- BAE Systems Australia (Customer)
- ASC Shipbuilding (Customer)
- AMT (Customer)
- Altair Engineering/Siemens (Partner)

Capabilities and Discriminators

- Extensive UK Naval Shipbuilding experience
- Close working relationship with Altair/Siemens
- Integrated relationship between BAE Systems Australia and UK/Altair Australia and UK
- Extensive European best practice shipbuilding and Oil and Gas Design

Peter Riddell | Director of Business Development | +61 458 317 350 | peter.riddell@hydrix.com | hydrix.com

Hydrix is an advanced engineering consultancy specialising in the design and development of mission-critical and safety-critical systems. With a strong track record across defence, medical, and industrial sectors, we support both SMEs and Primes in delivering complex electronics, embedded software, and integrated electro-mechanical systems. Our multidisciplinary team brings deep expertise in regulated product development, rapid prototyping, and full lifecycle engineering, with a focus on secure, high-performance technologies for demanding operational environments

Product and Services

- End-to-end development of mission- and safety-critical electro-mechanical systems
- Embedded software and secure communications development
- Advanced electronics design (RF, analogue, digital, power)
- Ruggedised mechanical and mechatronic systems
- Rapid prototyping, functional and compliance testing
- Manufacturing transfer and regulatory certification support

Key Customers and Partners

- Australian and international defence primes
- Tier 1 aerospace and surveillance technology suppliers
- Electronic warfare and autonomous systems developers
- Medical device companies requiring MIL-grade platforms
- Government-funded innovation programs
- Research collaborations with leading universities

Capabilities and Discriminators

- ISO-certified, sovereign engineering team (DISP member, NV-1 cleared personnel)
- Deep domain expertise in embedded systems, secure comms, sensor fusion
- Multi-disciplinary capabilities: electronics, software, mechanical, UX/UI, FPGA
- Experience in electronic warfare, navigation, and control systems
- Proven delivery across DO-178C, IEC 62304, SIL2, and other regulated frameworks
- All IP developed is assigned to the client

Awards and Certificates

- ISP Membership – Defence Industry Security Program
- ISO 9001, ISO 13485, ISO 14001, ISO 45001 certified
- Federal Safety Commission accreditation (via partners)
- Proven delivery to DO-178C, DO-254, IEC 62304, and SIL2 standards
- Good Design Award-winning engineering programs
- ASX-listed Australian company with 20+ year track record

Integra Systems



Paul Hughes | Managing Director and CEO | +61 3 9359 3133 | +61 419 572 907 | paul@integrasystems.com.au | integrasystems.com.au

Integra Systems is a distinguished Australian-owned business, specialising in industrial product design, engineering, prototyping, advanced sheet metal-based manufacturing, and build-to-spec production. Renowned for their strong focus on Industry 4.0 and sustainable manufacturing, Integra leads innovation through their fully digitalised facility, powered by the Integra K4.0 industrial touchscreen kiosk. Integra is passionate about helping companies propel forward in their digitalisation journey with their offering, the Integra K4.0, enabling fully digitalised, secure operations within the defence sector.

Product and Services

- Product design and development
- Prototyping
- Advanced sheet metal-based manufacturing
- Build-to-spec production
- Industry 4.0 solutions
- Ergonomic workspace solutions

Key Customers and Partners

- Mercedes Benz
- Thales
- BAE Systems
- Hanwha
- Sutton Tools
- APT Engineering
- Cablex

Capabilities and Discriminators

- Multidisciplinary engineering expertise
- Advanced manufacturing capabilities
- Integrated solutions & build-to-spec production
- Digitalised Industry 4.0 facility
- 30+ years' experience
- Co-located design & manufacturing operations

Awards and Certificates

- Inducted into the Victorian Manufacturing Hall of Fame in 2022
- ISO 9001 Quality Management System (QMS) Certified
- Defence Industry Security Program (DISP) Certified
- SMETA 4-Pillar Ethical Sourcing Audited
- Good Design Award: Engineering Design for Integra K4.0 Kiosk in 2022
- KPMG Circular Advantage Program: Tech Leader Award for Integra K4.0 Kiosk in 2022

Mack Valves



Karin Vosmansky | Executive Director | +61 3 9737 5200 | +61 417 259 803 | karin.vosmansky@mackvalves.com | mackvalves.com

Mack Valves is a committed Defence partner and recognised Australian valve manufacturer that supplies industrial valves across Australia and internationally, including the Maritime industry, building a reputation for innovation, quality and dependability. We source locally and employ skilled and specialised engineers who provide bespoke, scalable technical solutions. We operate a fully equipped machine shop in Melbourne, with highly skilled on-site engineering capabilities tailored to the Defence industry's valve requirements, offering whole-of-life product solutions, from design to manufacture and repair.

Product and Services

- Ball Valves
- Pressure-Reducing/Sustaining Valves
- Safety/Relief Valves
- Strainers and Ball Float Valves
- Manufacture of bespoke valves in specialist materials
- Whole of Life product cycle, including maintenance and valve repairs

Key Customers and Partners

- ASC
- Score Perth
- HI Fraser
- ASA
- Department of Defence
- Parent Company HEROSE GmbH

Capabilities and Discriminators

- Highly skilled valve engineers
- Whole-of-life solution from design, prototype, manufacture, supply and repair
- Can design and manufacture specialty valves for specific client needs
- DISP Certified and staff with Security clearance
- Valve manufacturer for over 85 years

Awards and Certificates

- ISO 9001 ISO 14001 ISO 45001
- Australian Made Certification
- DISP – Entry Level
- SSL/Watermark
- Activfire Certified: Fire and Water Valves
- Fire Safe Certification: Specific Valves

Mackay Australia



Olaf Alm | Defence Manager | +61 3 9555 6500 | +61 490 482 297 | olaf.alm@mackayrubber.com.au | mackayrubber.com.au

Mackay Australia is a leading manufacturer of engineered rubber components encompassing design, development, manufacture and through-life support. The organisation is 100% Australian-owned, with 90+ years of local and international rubber experience. With the recent acquisition by Derwent Industries, Mackay's capabilities have expanded to include steel castings, machining, fabrication and automation – all-encompassing capabilities few can match.

Product and Services

- Engineering, design, FEA, CFD, mathematical life modelling, product simulation
- Signature management solutions, including noise, vibration and shock isolation
- Resilient mounts and Superstructure Isolators (Hull mounts)
- Flanged Hoses
- Sealing membranes and Hatch seals
- Rocket Motor Insulation

Key Customers and Partners

- Australian Submarine Corporation (ASC)
- Australian Submarine Agency (ASA)
- BAE (Australia, UK and the US)
- ST Engineering
- Thales
- DST Group

Capabilities and Discriminators

- Engineering, design, FEA, CFD, mathematical life modelling, product simulation
- Compound development and testing with NATA-accredited lab
- A full suite of rubber processes, e.g., compounding, extrusion, compression, transfer, injection moulding and hand build
- Press capability of up to 1,500 tonne and plan areas of 1.5 x 2.4mtr
- Steel casting, machining and fabrication

Awards and Certificates

- AS/NZS ISO9001:2015
- ISO/IEC 17025:2005 (NATA approved Laboratory)
- AS/NZS ISO14001:2015
- Australian Trusted Trader (Australian Border Force)
- 2019 ASC Supplier of the Year
- 2018 Essington Lewis Award

Plasan Australia



Tamir Aloni | Director | +61 1300 846 267 | +61 413744544 | tamir@timcore.com.au | plasanaustralia.com.au

Plasan Australia, subsidiary of Plasan, is a world leader in the design and production of survivability and armour solutions, and to protect those who protect us across land, air, and sea.

We provide tailored designs of kinetic and blast threats solutions, energy attenuating seats for naval platforms (e.g. Hunter Class) heavy armoured vehicles (e.g Redback), protected cabins (e.g. Hawkei) and light armoured vehicles. We introduce ground-breaking products and technologies into the Australian market, including the ATeMM (All-Terrain Electric Mission Module), a robotic platform that delivers energy to the battlefield, reduces the logistical burden, and extends operational reach.

Over fifteen years, our survivability designs form the backbone of Australian defence solutions:

- Internal protection of the Hunter Class Frigate
- Hawkei protected cabin
- Add-on Protection of the Bushmaster
- All around survivability of the Huntsman Self-Propelled-Howitzer
- All around survivability of the Redback Infantry Fighting Vehicle

Product and Services

- Vehicle armour
- Autonomous systems
- Armoured vehicles
- Survivability seating
- Personal protection

Key Customers and Partners

- Hanwha Defence Australia
- Thales Australia
- BAE Australia

Capabilities and Discriminators

- Manufacturing
- Design
- Integration
- Simulation
- Testing
- Prototyping

Awards and Certificates

- ISO 9001:2015
- ISO 14001:2015
- ISO 17025 A2AL
- ISO/IEC 27001

R & I Instrument and Gear Co (Aust)

Andrew Rowell | General Manager | +61 412 694 544 | +61 3 9552 6517 | andrew@rigear.com.au | rigear.com.au

R&I is a highly regarded as a quality supplier to many OEMs in Aerospace and Defence markets, with over 70 years' experience in the sector. R&I is Australian-owned and co-located with Hardman Bros, with almost 7,500 m floor space in Melbourne's Southeast. R&I have diverse capabilities to service a variety of defence and aerospace domain requirements.

Product and Services

- Gear Cutting
- Gear Grinding
- Precision Machining
- Assembly
- Repair and Overhaul

Key Customers and Partners

- Trakka Corp
- EOS Defence
- Rheinmetall Defence Australia
- BAE Systems Australia
- AVT
- Reach Robotics
- Robot Systems

Capabilities and Discriminators

- Precision machining of complex parts and gear cutting specialists (AS9100D compliant)
- Diverse capability in CNC Gear cutting and Gear grinding; 5-Axis Simultaneous milling; Turning; CNC Cylindrical and surface Grinding; Broaching and Slotting and fabrication including CNC bending and robot welding
- Ability to assemble complex precision sub-assemblies (AS9100D compliant)
- Scope to perform Maintenance, Repair and overhaul work (AS9100D compliant)

Awards and Certificates

- AS9100D
- ISO 9001:2015
- Current DISP membership
- JOSCAR member

Redline Engineering



Ken Stuart | Director | +61 3 9580 0288 | +61 418 223 333 | kenstuart@redline.com.au | redline.com.au

Established in 1969, Redline Engineering are advanced manufacturers of precision machined components and assembly manufacture for Aviation/Aerospace, Defence, Medical, Energy, Rail/Transport and Mining. Diverse state-of-the-art CNC machining and CMM inspection capability with up to 24/7 manufacture, complimented by an extensive collaborative network of special process and finishing capabilities. Certified to ISO9001-2015 and AS9100D with finalisation of DISP certification expected by late 2025.

Product and Services

- CNC Milling
- CNC Turning
- Precision Assembly
- Special processes and finishing
- 24/ manufacturing capability
- Automated manufacture

Key Customers and Partners

- Alstom
- Thales
- Varley Group
- Ferra
- Marand
- Mackay Australia

Capabilities and Discriminators

- State of the art CNC machines to suit high and low volume competitive manufacture
- 24/7 manufacturing capability
- Comprehensive programming and manufacturing systems to support competitiveness
- Highly skilled, long term dedicated operational, QA and technical staff

Awards and Certificates

- ISO9001:2015
- AS9100D
- DISP compliant
- Defence approved supplier, CAGE Code Z2H07
- AIDN – recognition for 10 years continuous membership

SYPAQ Systems



Amanda Holt | CEO | +61 3 9867 2565 | +61 402 305 713 | aholt@sypaq.com.au | sypaq.com.au

Founded in 1992, this Australian veteran-owned company specialises in Defence and Aerospace capability, delivering consulting, systems integration and support services across autonomous systems, Artificial Intelligence and C5ISREW technologies.

SYPAQ is a regional integration and support partner for several global OEMs whilst exporting disruptive military technologies globally and supporting critical infrastructure surveillance management.

Product and Services

- CORVO – Trusted Autonomous, Artificial Intelligence and C4ISREW Systems
- Secure Atlassian Solutions – DevSecOps software and Agile delivery systems
- Algorithm Development, Artificial Intelligence and Machine Learning
- Modelling and Simulation, mission experimentation
- Advanced Communications Systems – Tactical Data Links, Joint C4I, HF Communications and Deployed Networks

Key Customers and Partners

- Australian Defence Forces – Army, Navy and Air Force
- Defence Science and Technology Group
- Australian Strategic Capabilities Accelerator
- Services Australia
- Leonardo DRS
- Atlassian

Capabilities and Discriminators

- Platform Systems Integration – C4ISREW, Internal and External Communications Systems
- Cybersecurity and Information Assurance – Governance, Assessment and Certification
- Military Systems Engineering, Sustainment and Program Management Consulting Services
- National Critical Infrastructure management

Awards and Certificates

- Key Defence and Government Panel Membership: DSS Panel, ICTPA, DIST, ISREW Panels
- Registered member of Australian Veteran Owned Business
- ISO9001:2015 Quality Management System and Engineering Management System
- CASA Operators Certificate and ReOC
- Australian Financial Review “Innovator of the Year”
- Australian Association of Uncrewed Systems (AAUS) “Innovator of the Year”

Textron Systems Australia

TEXTRON Systems
A U S T R A L I A

Cameron Devries | Managing Director | +61 3 9518 7300 | cdevries@textronsystems.com | textronsystems.com

Textron Systems Australia focuses on designing, manufacturing, and servicing a variety of uncrewed aircraft systems (UAS). Their expertise spans all areas of uncrewed aviation, providing a complete resource for customers requiring systems, training, or operational services. Their current projects involve the engineering design of communication systems and the advanced manufacturing of avionics, both of which support international maritime and land-based defence contracts.

Product and Services

- Uncrewed Aircraft System (UAS) production, flight operations, training and support
- High complexity electronic systems manufacturing
- UAS flight operations, training and support
- Logistics support of UAS operations

Key Customers and Partners

- Australian Government, Department of Defence – CASG/Army and DSTG
- United States Department of Defence (SOCOM, USN, USAF, Army, FMS)
- Invest Victoria

Capabilities and Discriminators

- Design, development and production of high complexity electronic systems to aerospace standards
- One-stop-shop for all elements of UAS design, manufacture, systems integration, test and operation
- Total logistics support of UAS operations worldwide

Awards and Certificates

- ISO9001:2015
- AS9100 Rev D
- CASA Operator's Certificate
- ReOC with BVLOS

Titomic



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Titomic is the world's leading provider of cold spray solutions. Leveraging our patented Titomic Kinetic Fusion™ technology, we enable advanced manufacturing and repair of metal parts, including corrosion remediation and structural restoration. Titomic supports maritime and defence sectors through rapid sustainment and additive manufacturing of complex geometries.

Product and Services

- Manufacturing and Manufacturing Engineering
- Provision of cold spray services for manufacturing and on-site MRO
- Large-scale titanium manufacturing
- Functional, composite metal coatings
- No-heat coatings for repair and protection
- Portable cold spray systems for rapid corrosion protection, sustainment, and repair

Key Customers and Partners

- Airbus
- Woodside Energy
- Boeing
- Fraunhofer
- Swinburne University

Capabilities and Discriminators

- Additively manufacture titanium parts over 3 metres in length
- World's fastest titanium manufacturing method at over 5 kg per hour
- No-heat, portable maintenance, repair, and overhaul technology
- Mechanical bond of dissimilar metals for repair and manufacture
- Versatile systems for co-located manufacturing, boosting local content inclusion

Awards and Certificates

- AS9100
- ISO 27001
- ISO 9001

Total Precision



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Total Precision is an advanced manufacturer of high-performance, mission-critical components for the Maritime, Defence, and Advanced Manufacturing sectors. Specialising in precision machining, assembly, and quality assurance, we support Australia's sovereign capability through AS9100-certified production for aerospace, naval, and defence industry programs.

Product and Services

- Precision CNC Machining; Defence and maritime-grade tight-tolerance components
- Defence-Grade Component Assembly; Certified mechanical and electromechanical assemblies
- Sovereign Supply Chain Support; Australian-based manufacturing for sustainment and upgrades
- Prototype-to-Production Services; End-to-end support for R&D and scalable production
- Quality Assurance and Inspection; AS9100-certified, advanced CMM, FAIR reporting
- Collaborative R&D Manufacturing; Support for technology integration and capability development

Key Customers and Partners

- Corvus Technology Solutions
- Hypersonix Launch Systems
- Rosebank Engineering
- Marand Engineering
- SPEE3D
- ANCA Group

Capabilities and Discriminators

- AS9100 and ISO9001 Certified Advanced Manufacturing Facility
- High-Complexity, Tight-Tolerance CNC Machining Expertise
- Rapid Prototype-to-Production Turnaround
- Sovereign, Australian-Owned Supply Chain Provider
- Advanced CMM Inspection and Quality Assurance Services
- Collaborative Partnerships with Defence Primes and SMEs

Awards and Certificates

- AS9100 Rev D Certification (AU1848-QCM)
- ISO 9001:2015 Certification (AU1848-QC)
- JOSCAR Registered (ID: 30005683)
- 1st Round Defence Industry Development Grant Recipient
- 2 x Hanwha Supply Chain Uplift (SCUP) Grant Recipient
- Registered Supplier on Australian Industry Capability (AIC) Programs

Way Out Evacuation Systems

Aston Smith | Managing Director | +61 408 051 115 | +61 1800 929 688 | aston@wayout.com.au | wayout.com.au

Way Out Evacuation Systems have been supplying the Maritime Sector and the Department of Defence (CAGE Z2K90) for over 25 years in relation to wayfinding and regulatory signage, including ISO, IMO signs and Low location lighting (LLL) Systems. We have produced a range of solutions for every major Defence platform including Collins Class Submarines, ANZAC Frigates, Landing Helicopter Docks (LHD), Air Warfare Destroyer (ASC), Offshore Patrol Vessel (OPV), Cape and Armidale class patrol boats. Way Outs factory has latest UV LED printers and CO2 lasers, that provide the capability to produce over 100,000 tallies and labels per order.

Product and Services

- IMO/ISO Safety and Regulatory Signage
- Wayfinding Solutions
- Low Location Lighting Systems – EP and PL; and Auditors
- S2S Corrosion preventive products
- Identification Labels, Tallies and Pipe markers; And adhesive tapes
- Anti-slip Solutions – Stair nosings and Tactiles

Key Customers and Partners

- HAPPICH GmbH – EP Low location Lighting
- S2S – Corrosion preventive products
- Defence: MCPSP0 ,RAN, RAAF, RAF, ASC, A&P Australia, Austal, UGL Defence, NSM, BAE Systems, Navantia, Thales, Taylor Bros, Collins ID, Luerssen
- Marine: TT Line Co, NZ Interisland ships (Toll Transport), Yolla A (Origin), P&O Maritime, Seaswift, Svitzer

Capabilities and Discriminators

- First company in the world to develop photo-luminous ink (Lumink™)
- Only Lloyds Register type approved company in Australia for manufacture and auditing of low location lighting systems
- Defence designed products that exceed requirements per ISO15370, allowing use in red light zones; NSN coded signage

Awards and Certificates

- ISO 9001:2015 LRQA
- Lloyds Register Type Approved Low Location Lighting and signage
- Lloyds Register approved Low Location Lighting auditors
- Defence Codification – Z2K90
- DISP
- BAE – Estimating and Pricing Fundamentals

ZCG Scalar



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ZCG Scalar is a trusted Australian manufacturer of high-performance RF antenna solutions for defence, marine, and critical industries. With over 55 years of RF expertise, we deliver reliable communications for air, land, sea, and space domains. Our marine-ready antennas are engineered for harsh environments where performance matters. Built in Australia and backed by life of product support, ZCG delivers mission-ready connectivity for naval communications, maritime surveillance, passive radar, inter-platform connectivity and coastal applications. Engineered for excellence. Built for mission success.

Product and Services

- Wideband and Platform Antennas (HF–6GHz)
- MIMO/MANET and Mesh Network Antennas
- Telescopic Masts and Rapid-Deploy RF Infrastructure
- MIL-SPEC Filters, Multicouplers and RF Conditioning
- RF Cables, RF Connectors and Custom Assemblies
- Custom Antenna/system design, MIL-SPEC testing and custom engineering services

Key Customers and Partners

- Department of Defence DST/L3Harris
- Silentium Defence
- Barrett Communications
- Boeing Defence Australia
- Cubic Defence Australia and New Zealand
- BAE Systems

Capabilities and Discriminators

- Over 50 years of defence-trusted RF expertise
- End-to-end design and manufacturing in Australia
- Air, land, sea, and space platform integration
- Ruggedised/MIL-SPEC construction for harsh operational environments
- Life-of-product support/spare parts and repair
- Legacy and modern/current platform compatibility

Awards and Certificates

- ISO 9001:2015 (Quality)
- ISO 14001:2015 (Environmental)
- ISO 45001:2018 (OH&S)
- JOSCAR-AU Registered

Roving Exhibitors

Additive Manufacturing CRC Limited



Professor Colin Hall | Research Director - Defence | +61 438 829 155 | colin.hall@amcrc.com.au | amcrc.com.au

The Additive Manufacturing CRC (AMCRC) is a \$57.5 million Commonwealth-backed Cooperative Research Centre helping Australian industry unlock the transformative potential of additive manufacturing. By connecting business, research and education in a collaborative ecosystem, we drive world-class research, fast-track commercialisation and build sovereign capability.

The result: breakthrough technologies, real-world applications, a skilled workforce, and a sustainable manufacturing future that strengthens competitiveness and delivers lasting economic, environmental and social value.

All Sat Communications



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Established in 2000, All Sat Communications specialise in Satellite Safety and Communications product supply and servicing. We have a range of industry leading safety products for land, sea and air applications.

Agent Oriented Software (AOS)



Dr Andrew Lucas | Managing Director | +61 3 9349 5055 | +61 412 550 330 | andrew.lucas@aosgrp.com.au | aosgrp.com.au

AOS is an Australian-owned AI and robotics company specialising in developing autonomous systems for Defence (air, missile and EW) and agriculture (the Kelpie autonomous ground vehicle).

This includes AI concepts for symbolic approaches, machine learning (pattern matching), intelligent search and constraint programming. Various sensor technologies are utilised to form symbols that enable situational awareness. Notably, the 'Teamed Autonomy Stack' is the basis of all AOS multi-vehicle, teamed autonomous applications.

Applied Fasteners and Tooling



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AFT is an Australian owned and operated SME and a leader in the fastening system supply chain. Supporting defence and commercial applications with innovative technology solutions designed to enhance safety, improve performance, reduce installation costs, increase assembly efficiency, prevent corrosion, eliminate the need for hot work and reduce weight.

AFT collaborates with customers to achieve their goals throughout the entire lifecycle of their projects from the initial design to ongoing through-life support.



AW Bell

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We are a global manufacturer of complex metal parts with high mechanical properties, specialising in investment, sand and prototyping casting solutions. We cast in diverse alloys, including titanium, aluminium, steel, irons and cobalt. We also offer production machining and additional supporting services such as assembly and NADCAP-certified NDT.

We are a proven and trusted partner to the defence industry with over 10 years of service and experience in manufacturing critical components for air, land, naval and space platforms.

BlueRoom Simulations



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BlueRoom Simulations is an Australian company that innovates cutting-edge mixed reality simulators for use in Defence, Search and Rescue and other health first responder disciplines.

BlueRoom's Flagship system was developed to solve the problem of access to both fixed and rotary wing aircraft for aeromedical evacuation training and access to combat zones for Tactical Combat Casualty Care (TCCC) training. The capability was developed through an Australian Defence Innovation Hub contract (similar to DARPA) and has since been fielded by the Royal Australian Air Force (RAAF) and Royal Netherlands Army.

Campagno Engineering



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Campagno Engineering specialise in precision manufacturing and finishing of CNC machined components and complex sub-assemblies. We have over 40 years' experience working in various sectors including defence, medical, packaging and processing solutions, transport and machinery, electronics, gas fluid and cryogenics, mining, and energy.

Falcon UAV



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Falcon UAV are a dual-purpose distributor, training office and service provider of Drones, Sensors and Photogrammetry softwares serving Commercial and Defence industries for APAC. Falcon are the Australian certified regional partners to a number of international US DoD Blue listed companies providing enabling domestic industry with international capability.

Infleqtion Australia



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As a leader in neutral atom technology, we build and integrate quantum sensors, computers and networks. With over 18 years of pioneering quantum research, our hardware and software products and AI-powered solutions address critical market needs in PNT, global communication security and efficiency, resilient energy distribution, and accelerated quantum computing.

Infleqtion Australia's goal is to build sovereign quantum capabilities in Australia giving hands on access to the systems. We have offices in United States, United Kingdom, Australia and Japan.

Jack Thompson Engineering



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Jack Thompson Engineering is a 100% Australian owned company, providing bespoke small to large engineering solutions. Our 3,000 mt sq workshop is in Hastings Victoria with small CNC precision to heavy CNC and manual machining and fabrication capabilities that accommodate over 12 mt in machine length and over 100T in weight. Our second precision CNC machine shop is in Wodonga Victoria catering for our regional clients and machine production.

Latrobe City Defence Alliance



Latrobe City
Defence Alliance

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The Latrobe Valley Defence Alliance is a coalition of 25 businesses and organisations, located 150 km east of Melbourne with excellent transport links. We're dedicated to showcasing our region's robust engineering, design, advanced manufacturing, training, and education capabilities. Our collective expertise directly supports the Defence Industry's critical supply chain needs, offering a hub of innovation, specialised manufacturing, and a skilled workforce.

Lindo Technology Group



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Lindo delivers advanced engineering solutions for the Aviation, Maritime, Aerospace, and Defence sectors, with a focus on antimicrobial blue light systems that disinfect air and surfaces while inhibiting biofilm and biofouling in seawater environments. Our immersible multispectral blue light technology supports cleaner hulls, extended asset life, and reduced maintenance, while also protecting crews in critical operational settings.

Proven safe and effective across both maritime and aeromedical platforms, our solutions enhance mission readiness and safeguard the health and performance of warfighters, first responders, and operators.

Li-S Energy



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Established in 2019, Li-S Energy is a world-leading Australian company with an established sovereign manufacturing capability for advanced, lightweight Lithium-Sulfur and Lithium-Metal batteries.

Li-S Energy's next-generation battery cells are ideal for defence applications, substantially extending range and reducing weight for drones and soldier wearable systems. With an energy density of 456Wh/kg, twice that of lithium-ion, our cells also deliver enhanced safety and performance.

With Australia's largest sovereign battery cell manufacturing plant, comprehensive mission testing facilities and allied supply chains, Li-S Energy is architected to partner with military agencies and their suppliers to deliver a step change in performance for critical unmanned air, sea and land systems and soldier wearable technologies.

Luminact



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Luminact is a 100% Australian-owned company, based in Victoria, founded in 2016. The business provides professional services and engineering solutions to the government, defence and space sectors in Australia and New Zealand. Luminact is an experienced systems integrator, and we remain technology and product agnostic enabling an approach to solutions orientated system design to achieve capability intent.

As an accredited Defence Industry Security Program (DISP) member the team is qualified to design, develop, integrate and deliver a range of solutions to global armed forces and their partners on Defence technology projects.



MACH Engineering

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MACH Engineering is an Australian-owned factory automation and robotics engineering business, supported by our own in-house machining, fabrication, testing and assembly operations. We also deliver precision-engineered components, assemblies and tooling to defence contractors.

A division of Foodmach, MACH offers in-house mechanical, electrical and software design, which we then manufacture in our 7,100m² Echuca facility.

Objective3D



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A leading Additive Manufacturing solutions company, Objective3D offers a comprehensive portfolio of advanced 3D printers, materials, software, scanners, and contract manufacturing services from globally recognized brands.

We serve a diverse range of industries with cutting-edge technologies designed for repeatability, accuracy, and performance.

Ocean Software



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Our mission is to deliver high quality, cutting-edge software solutions that streamline training, readiness, and operations for defence, aviation, and emergency services. We are driven by the belief that behind every successful mission is a team of highly skilled, trained, and ready individuals who depend on seamless operations to execute their roles effectively. Our purpose is to support those who dedicate themselves to protecting lives, ensuring safety and achieving mission success.

When every operation is optimised, the impact is profound; missions succeed, lives are safeguarded, and communities thrive.

Open Welding



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Open Welding applies innovative technology to help SEM's seamlessly and simply overcome the burden of quality assurance and welding compliance to become defence ready. A comprehensive and inexpensive solution to keep Defence personnel safe before battle begins.

Parish Engineering Company



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Established in 1944, Parish Engineering is an AS9100D quality accredited repetition engineering firm with one of the largest CNC Mill-Turn operations in Victoria. With over 7 decades of experience in large and small production runs, as well as project-specific requirements, Parish Engineering has been a significant supplier of machined quality precision components to many industries.

Supplying Defence and Defence Industry since WW2, including Munitions (Cores) components continuously for the last 10 years, and Track Link components for over 15 years.

Phasor Quantum



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Phasor Quantum is a Victorian SME comprising of highly experienced industry professionals and academic researchers. Our team is developing cutting edge quantum sensors and algorithms based on diamond nitrogen vacancy (NV) technology to provide advanced magnetic surveillance, and GNSS-denied navigation solutions for the Maritime, and Defence sectors.

Ribcraft Marine



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Ribcraft Australia specialises in the design and manufacture of professional and military-grade Rigid Hull Inflatable Boats (RHIBs), merging Australia’s sovereign manufacturing capabilities with over 30 years of renowned British naval engineering expertise.

Trusted by defence, police, and search and rescue agencies globally, Ribcraft RHIBs are designed for demanding missions, including patrol, surveillance, and special operations. Spanning 3.5m–14.5m, our modular, fully bespoke platforms feature the proven Ribcraft Deep-V Hull™ and mission-specific options such as ballistic/impact crew protection, amphibious systems, USV/autonomous capability, SAR platforms, and advanced stealth and AI-driven technologies.

Ronson Gears



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Ronson Gears is a highly innovative manufacturer of high end, high value gears and power transmission solutions. We manufacture precision gears, machined components and assemblies for Prime customers including Lockheed Martin Space Systems and BAE Systems as well as for Marand Precision Engineering and Ferra Engineering.

Rubicon Associates



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Rubicon Associates is a 100% Australian-owned consultancy that provides naval architecture and marine engineering services, platform systems design and integration, project management contract management and Integrated Logistic Support services. We provide these to the Commonwealth Department of Defence, defence industry and others that own, build, and maintain maritime assets.

We have a broad range of expertise across multiple naval platforms and our multi-disciplinary team has been involved in design, engineering, integration and support projects across all RAN platforms.

Secure Hard Drive Destruction



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Secure Hard Drive Destruction (SHDD) provides an end-to-end secure disposal environment for Commercial, 'Highly Classified' and 'Security Protected Attractive Assets' such as ICT media and assets, ITAR, weapons, explosive ordnances (free from explosives) and systems from 'End-of-Life' Defence vehicles (Air/Sea/Land).

SOLSTAS



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SOLSTAS is an Australian-owned consultancy specialising in information safety, security, and digital transformation. With over 20 years of experience, we deliver tailored solutions in infrastructure, cloud, modern workplace, and cybersecurity. Accredited by the Defence Industry Security Program and JOSCAR-certified, SOLSTAS ensures secure, innovative, and effective outcomes for the defence industry.

Systematiq



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Systematiq are experts in procurement consulting, project management, and asset management consulting. Our services include bid support, project uplift, Integrated Logistics, Systems Engineering, and all phases of the SADL Training model through our Training Systems capability. Our ability to thoroughly understand and anticipate our clients and their objectives, apply industry best practice, and provide solutions, is what makes Systematiq successful in professional services delivery. Our consultants work onsite, remotely, or in a hybrid environment on extended contracts or specific projects.



The Design Technology Company

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Design Technology Company is a sovereign defence partner providing flexible, on-demand engineering capacity.

With over 20 cleared mechanical designers, we help major defence primes execute complex programs and de-risk schedules.

Our expertise in 2D/3D CAD ensures seamless integration of drawings for submission to the Commonwealth.

THYCON Industrial



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THYCON is an Australian owned and based power electronics company, DISP accredited, with specialist expertise in 50/60Hz conversion, UPS systems, shore to ship power, rectifiers, battery energy storage systems, constant current regulators and power factor correction systems. We have field personnel with baseline clearance located across the country to provide after sales support and service. We can design, build, test, qualify, install, commission and maintain a wide range of power electronic devices.

Tufwrap



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Our specialised preservation, containment, and monitoring systems improve the safety of valuable assets during transport, storage, and remediation works.

Uneek Bending Co



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Uneek Bending is a technology driven Australian designer and manufacturer providing defence industries with custom solutions for complex metal bending and welding projects. With innovative and advanced production systems, a highly skilled workforce, and extensive in-house testing, Uneek supports challenging engineering projects.

Vipac Engineers and Scientists



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Established in 1973, Vipac is proudly Australian owned and operated. Vipac specialises in engineering laboratory testing and consulting services to defence and space industries.

This includes acoustics and vibration testing, FEA and CFD, environmental simulation, shock testing, acceleration, temperature, humidity and high altitude/low pressure testing. The company is backed by NATA and A2LA accreditations and a Member of DISP. and testing performed as per relevant DEF, MIL and NATO standards.

XM2 Earth



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XM2 Earth designs and manufactures advanced tethered drone systems that transform heavy-lift drones into portable, modular infrastructure. Our flagship EON800 Tether System enables continuous flights of up to seven days, supports payloads over 15kg, and delivers secure, high-bandwidth fiber optic connectivity via eight single-core fibers.

Designed for rapid deployment and vehicle mounting, our technology supports mission-critical operations such as surveillance, communications, lighting, and sensor deployment across Defence, Maritime, and industrial sectors worldwide.

ZenithGroup – Defence



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ZenithGroup are experienced manufacturers and suppliers within the defence and industrial supply chain and present a unique value proposition to Primes, Sub Primes, Tier 1 and Tier 2 enterprises.

Collaboration strengths include reducing risk, project management, manufacturing and production versatility plus much more. ZenithGroup is a very flexible and responsive supply chain partner.

Services include: state-of-the-art laser cutting, precision metal fabrication, precision CNC machining, industrial coatings, assembly and more.

defence.vic.gov.au

