

Indo Pacific 2023 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 & development
- delivering complex defence projects.

Our defence sector is an important part of the state's economy, contributing over \$8.4 billion in GSP, 24,300 employees, and \$350 million in annual exports. Victoria has proven expertise in maritime, land systems, aerospace, cyber security and munitions. The Victorian Government supports its defence industry to build capability, secure projects and create jobs.

Join us at **Stand 3T11** during Indo Pacific 2023
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's defence sector.

defence@ecodev.vic.gov.au

defence.vic.gov.au

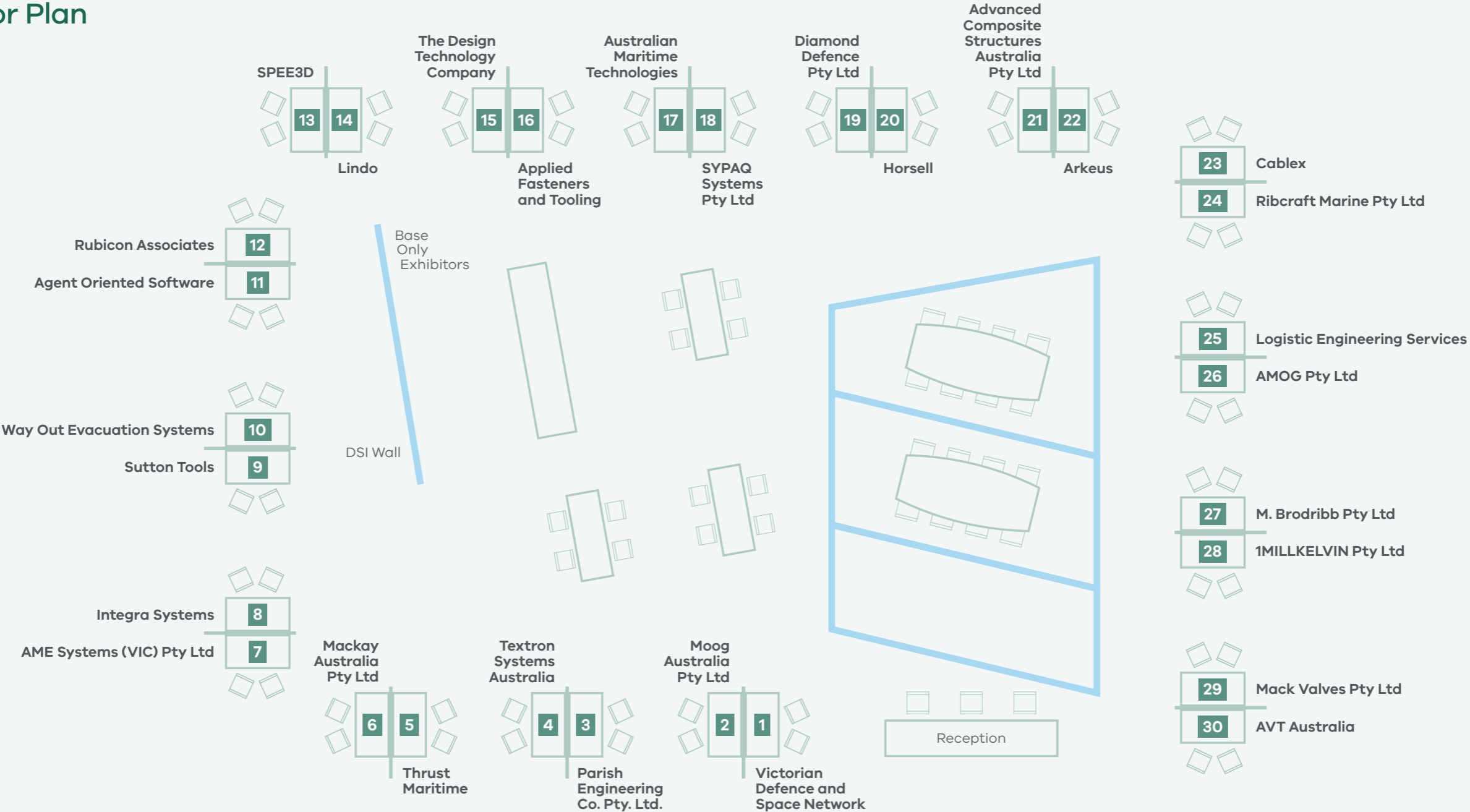
Victoria's Maritime Capabilities

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 & production
- component design, testing & certification
- simulation & modelling
- advanced manufacturing
- ICT and software development
- intelligent systems design.

Floor Plan



Exhibitor Profile Metrics

	Page	Pod	Artificial Intelligence	Autonomous Systems	Communications	Design	Electronic Warfare	Engineering	Field Equipment	Humanitarian	Ict & Cyber	Intelligence, Surveillance & Reconnaissance	Logistics	Manufacturing	Medical	Optical	Personal Protection	Research & Development	Robotics	Ship Building	Space Capabilities	Test Equipment	Through-Life Support	Training & Education	Uncrewed & Counter Uncrewed Systems	Vehicles & Accessories	Weapons & Ammunition
1MILLKELVIN Pty Ltd	9	28							↙							↙						↙					
Advanced Composite Structures Australia Pty Ltd	10	21		↙		↙		↙	↙					↙				↙		↙	↙	↙	↙	↙	↙	↙	↙
Agent Oriented Software	11	11	↙	↙			↙					↙						↙	↙		↙			↙			
AME Systems (VIC) Pty Ltd	12	7				↙		↙						↙				↙			↙		↙			↙	
AMOG Pty Ltd	13	26	↙			↙		↙										↙					↙	↙			
Applied Fasteners and Tooling	14	16		↙	↙	↙	↙	↙						↙				↙		↙	↙		↙		↙	↙	↙
Arkeus	15	22	↙	↙		↙	↙	↙				↙				↙		↙						↙			
Australian Maritime Technologies	16	17				↙		↙																			
AVT Australia	17	30	↙	↙		↙		↙			↙			↙		↙		↙	↙			↙		↙			
Cablex	18	23		↙	↙	↙	↙	↙	↙		↙	↙		↙	↙		↙	↙	↙		↙	↙	↙	↙	↙	↙	↙

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Diamond Defence Pty Ltd	20	19			✓	✓	✓	✓	✓		✓	✓		✓		✓		✓			✓	✓	✓	✓			
Horsell	21	20	✓					✓			✓		✓														
Integra Systems	22	8				✓		✓						✓				✓									
Lindo (Gangi Germicidal Systems)	23	14				✓			✓	✓				✓	✓						✓		✓			✓	
Logistic Engineering Services	24	25						✓					✓										✓				
M. Brodribb Pty Ltd	25	27												✓									✓				
Mack Valves Pty Ltd	26	29				✓		✓	✓					✓				✓		✓			✓				
Mackay Australia Pty Ltd	27	6				✓		✓						✓				✓	✓	✓	✓	✓	✓		✓	✓	
Moog Australia Pty Ltd	28	2		✓		✓		✓	✓					✓													
Parish Engineering Co. Pty. Ltd.	29	3						✓						✓												✓	

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Ribcraft Marine Pty Ltd	30	24		✓		✓		✓	✓					✓						✓					✓		
Rubicon Associates	31	12		✓	✓	✓	✓	✓			✓			✓						✓			✓		✓		
SPEE3D	32	13							✓				✓	✓				✓			✓		✓	✓		✓	
Sutton Tools	33	9				✓		✓					✓	✓			✓							✓			
SYPAQ Systems Pty Ltd	34	18	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓				✓	✓				✓	✓	✓		
Textron Systems Australia	35	4		✓		✓		✓				✓		✓				✓	✓				✓	✓	✓		
The Design Technology Company	36	15				✓		✓															✓				
Thrust Maritime	37	5		✓		✓		✓	✓					✓				✓				✓	✓		✓		
Victorian Defence and Space Network	38	1																									
Way Out Evacuation Systems	39	10				✓		✓						✓		✓			✓			✓					

Exhibitor Profile Metrics

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Australian Precision Technologies Pty Ltd	40	BASE ONLY						✓						✓	✓								✓				✓	
Defence Science Institute	19	BASE ONLY	✓	✓	✓	✓	✓	✓			✓			✓	✓													✓
Latrobe City Defence Alliance	40	BASE ONLY				✓		✓	✓				✓	✓					✓	✓			✓	✓				✓
NextAero Pty Ltd	41	BASE ONLY				✓		✓	✓							✓					✓							
Ocean Software Pty Ltd	41	BASE ONLY	✓								✓		✓											✓	✓			
Sentient Vision Systems	42	BASE ONLY	✓	✓		✓	✓	✓		✓		✓		✓		✓				✓			✓	✓	✓		✓	
Sunpower Renewables Pty Ltd	42	BASE ONLY							✓	✓				✓	✓							✓	✓			✓		

1MILLIKELVIN Pty Ltd

Kheang Khauv, Managing Director | +61 418 541 530 | enquiries@1millikelvin.com | 1millikelvin.com

1MILLIKELVIN is a Melbourne based technology company who, in collaboration with the Australian Department of Defence (Defence Science and Technology Group) have developed a revolutionary stress imaging camera system. This system combines an uncooled thermal detector and CMOS imaging technologies to create an advanced stress visualisation capability, without the complexity.

Products and Services

- Microbolometer sensor enables smaller, more rugged and easier to use system at a reduced cost compared to photonic sensor based systems
- As this is an imaging system, it provides significantly more data points and detail compared to traditional methods such as strain gauges
- Providing enhanced insights into structural health during fatigue testing
- Streamlining the certification process, leading to significantly reduced costs
- Only fully integrated, easily deployable stress imaging system in the market

Key Customers and Partnerships

- DSTG/RAAF
- RMIT: Aerospace Engineering and Aviation Department
- EY PARTNERSHIPS

Capabilities and Discriminators

- World's First microbolometer based, smart stress imaging system
- Compact, Rugged and Versatile
- Thermal Sensitivity of < 1 mK
- Stress Sensitivity of < 1 MPa
- Validation of structural FEA
- Structural Health Monitoring
- Detection/Monitoring of fatigue cracks

Awards and Certificates

- Awarded AMESRF Grant by the AMGC (Advanced Manufacturing Growth Centre)
- Awarded Collaborative Research Grant by DSI (Defence Science Institute)
- Awarded Excellence in Thermography Award by AUSPTA (Australian Professional Thermographer's Association)
- Awarded Avalon 2023 National and SME Innovation Awards

Advanced Composite Structures Australia Pty Ltd

Paul Falzon, General Manager | +61 3 9676 4900 | info@acs-aus.com | acs-aus.com

ACS-A 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 maritime and Defence, ACS-A is the ideal partner to deliver Defence solutions.

Products and Services:

- Development and manufacture of light-weight SatCom azimuth arms
- Production of composite structures for Defence Navy vessels, including ships and submersibles
- Designed, manufactured and assembled complex composite and metallic structures for a low-altitude single person VTOL aircraft

Key Customers and Partnerships

- DST Group
- Boeing
- EM Solutions
- Sofraco Engineering Systems
- Hensoldt
- Blue Economy CRC

Capabilities and Discriminators

- Full spectrum from design through to manufacture all in one partner
- Structural optimisation, impact and crash simulation capabilities
- Manufacture of ultra-high temperature composite (UHTC) structures for hypersonic and space applications
- Proven record of delivering composites products to Defence for over 30 years
- 100% Australian owned and operated
- Manufacture of ultra-high temperature composite (UHTC) structures for hypersonic and space applications

Awards and Certificates

- JEC Asia 2015 Innovation Award
- ISO 9001:2015 Certified Organisation
- Defence Industry Security Program Membership
- JEC Asia Innovation Award

Agent Oriented Software

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

Australian-owned Agent Oriented Software (AOS) is AI and robotics company specialising in developing autonomous systems for Defence (air, land, maritime, EW) mining and agriculture.

Products

- C-BDI™ is a software platform for developing joint cognitive systems, based upon the technology of intelligent software agents
- Kelpie® is an autonomous ground vehicle system developed for Defence, mining and agriculture applications
- iWatchdog™ is an intelligent autonomous system for tasking multiple, autonomous vehicles

Key Customers and Partnerships

- Northrop Grumman Australia
- Raytheon Australia
- Department of Defence
- Navy, army, RAAF
- DST Group
- Australian and international universities

Capabilities and Discriminators

- Artificial Intelligence, both symbolic (top-down) and machine learning (bottom-up)
- Autonomous vehicles and collaborative, autonomous robotics
- Maritime / Land / Air – Intelligent software agents and machine vision
- World leader in joint cognitive systems based on teamed intelligent software agents
- Teamed autonomous systems

- AOS's symbolic AI technology of Intelligent Software Agents, or BDI agents, provide the capability for explainability (interactive construction of reasoning plans and tracing of reasoning during system execution). AOS is an AI partner for Northrop Grumman Australia

AME Systems (VIC) Pty Ltd



Adam Burger, National Sales Manager | +61 0427 992 850 | adamb@amesystems.com.au | amesystems.com.au

We are an 100% Australian privately owned designer, manufacturer and integrator of highly complex electrical wiring harness systems and assemblies. We 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. Our expertise spans 40 years, with a long history of leadership and success in the electrical harness industry. As leaders in our industry, we continue to invest in the latest technology and staff capability to offer world class electrical harness design and manufacturing services.

Products

- One-on-one design support from concept to completion
- Customised solutions for vehicle and machinery harness requirements
- Electrical and mechanical design, assembly and integration
- Dedicated Fibre optic cable manufacturing capabilities
- Contract, project and configuration management
- Assembly solutions including dashboard assemblies, control boxes, and box building

Key Customers and Partnerships

- HEAVY VEHICLE: Kenworth Trucks Australia, Volgren Australia
- AEROSPACE: Northrop Grumman – USA, Boeing Defence
- DEFENCE: Supacat Australia, Thales Australia, BAE Australia
- RAIL: Alstom, Yarra Trams, Cummins Australia
- AGRICULTURE: Goldacres
- SPECIAL PURPOSE: Bucher Municipal, and Caterpillar

Capabilities and Discriminators

- Research, development and rapid prototyping. Tooling design and manufacture
- Highly complex harness assemblies including, but not limited to RF, fiber optic, signal, battery cables and overmolding
- Over 90,000 wires cut and 70,000 terminals crimped each week, and a vast range of components (14,000 parts) in stock
- Cable / Wire printer and laser to Aerospace and Defence stringent standard, and globally approved to Northrop Grumman and Bosch wiring harness manufacturing standards
- \$5 million over 5 years invested in latest wire processing Technology including a dedicated ITAR production facility
- Counterfeit Material and Foreign Object Detection Procedures

Awards and Certificates

- AS9100 Rev D Aerospace Quality Certified
- ISO 9001 Quality Certified
- ISO027001 Cyber Security Compliance

AMOG Pty Ltd



Tim Lee, Chief Operations Officer | +61 3 9542 3700 | +61 414490 318 | tim.lee@amog.consulting | amog.consulting

30+ years experience delivering engineering solutions to Defence and maritime industries; submarines, naval ships, landing craft, aircraft, defence vehicles and land-based assets, explosive ordnance facilities.

AMOG provides through life and acquisition support services in Safety/Risk Engineering, Naval Engineering and Technical Regulation onsite and via our Melbourne (DISP-Accredited) and Perth offices. We have a proven track record supporting Defence; RAN, Army, RAAF, CASG and over 20 Defence Primes.

Products

- System Safety Program & 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 Partnerships

- 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 experience over 20 years on Defence Safety case Development
- Australian employee-owned, independent SME
- Leaders in the application of quantitative analysis techniques to Seaworthiness Management
- Extensive prior experience from over 20 years of working on naval programs including Collins, SEA1654, OPV, FFG, ANZAC, Armidale Patrol Boats, DDG/AWD, Sirius, DMCM. DISP Accredited
- 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

Applied Fasteners and Tooling

Colin Campbell, General Manager | +61 498 610 566 | +61 3 9939 8979 | support@aft.systems | aft.systems

AFT is an Australian owned and operated SME and a leader in the fastening system supply chain supporting marine applications with innovative technologies that provide safety, performance, reduced install costs, prevent corrosion and eliminate hot work.

AFT collaborates with customers to achieve their goals from design and build to through-life support of metallic and composite vessels.

Products

- Bonded fasteners to Navy specifications
- Radar absorption materials
- Specialised materials for RFI and EMI shielding
- Product training
- Repair and maintenance support

Key Customers and Partnerships

- BAE
- Babcock
- Naval Group
- Atlantic & Peninsula

Capabilities and Discriminators

- Supply of innovative fastener solutions
- Technical support
- Quality assured type approvals
- Local stocking
- Specialising in fit-out and systems integration

Awards and Certificates

- AS91208

Arkeus



Simon Olsen, VP Business Development and Strategy | +61 468 368 084 | simon.olsen@arkeus.com | arkeus.com

Arkeus accelerates decision making through the fusion of optics and autonomy.

Arkeus specializes in rapid design, innovation and fabrication of autonomous optical capabilities – designed to deliver transformative effects for Search, Intelligence, Surveillance and Reconnaissance (SISR).

Products

- ORCA Optical Radar
- HeliSAR Optical Radar
- Networked Expendable Optical Sensor (NEOS)
- Expendable Imaging Sensor (ELMO)
- Hyperspectral Optical Radar (HSOR)

Key Customers and Partnerships

- Royal Australian Air Force
- Royal Australian Navy
- Australian Department of Defence
- Royal Australian Air Force, Plan Jericho
- Global defence and aerospace companies

Capabilities and Discriminators

- Autonomous Detection of all objects within field of view
- Autonomous Classification of all objects within field of view
- Detects small objects of interest beyond capabilities of existing systems
- Provides imagery and location data of each object found
- Very small footprint; enabling integration onto a wide variety of manned aircraft and UAS
- Operates in a variety of challenging conditions and environments

Awards and Certificates

- Data in a format consistent with relevant STANAG and MISB standards

Australian Maritime Technologies

Brett Longmuir, Business Development Manager | +61 447 722 177 | +61 3 8580 2600 | brett.longmuir@ausmarinetech.com.au | ausmarinetech.com.au

AMT is an independent Australian-owned design and marine engineering consultancy. AMT has over 35 years of experience providing naval ship design and engineering services to a range of Defence and Defence industry customers.

AMT's services cover new vessel acquisitions, conversions, modernisations, systems integration and design support of in-service ships.

Products

- Naval Ship Design
- Naval Engineering
- Complex Systems Integration

Key Customers and Partnerships

- Luerssen Australia
- BAE Systems
- Navantia Australia
- CASG

Capabilities and Discriminators

- Fully Australian owned and independent
- 35 years of naval engineering experience
- An established Sovereign Naval Design Capability
- Agile and responsive to meet customer needs

Awards and Certificates

- ISO 9001:2015 for Engineering, Design, Project Management and ILS for Defence and Commercial projects
- AMT is a Member of the Australian Defence Industry Security Program (DISP)

AVT Australia



Dale Heinken, President and MD | +61 2 6581 1994 | sales@ascentvision.com.au | ascentvision.com.au

AVT Australia is a leading supplier of lightweight, gyro-stabilised imaging systems for intelligence, surveillance, and reconnaissance (ISR) and target acquisition operations.

Recognised for our expertise in advanced engineering services, AVT Australia is a trusted supplier of imaging solutions for our Australian defence customers and international customers, with systems supporting operations in over 50 countries.

Products

- CM62
- CM234
- CM262M
- CM202A
- CM142

Key Customers and Partnerships

- Insitu Pacific Ltd (Boeing)
- US DoD
- Defence Innovation Hub

Capabilities and Discriminators

- Multidisciplined, highly integrated Australian workforce of 50+ (including PhD qualified)
- (Software, Embedded Systems, Control Systems, Mechanical, Electronics and Machine Learning) work from one site in Melbourne
- 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, and scalable assembly lines
- Rapid product development to respond to sovereign capability gaps

Awards and Certificates

- ISO9001:2015 – Accredited Quality Management System
- DISP Membership – Level 2 enabling personnel clearance sponsorship (up to NV1)
- 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

Cablex



Dave Ryland, Business Development/ Account Manager | +61 435 755 692 | +61 3 9575 3088 | dave.ryland@cablex.com.au | cablex.com.au

Cablex is Australia's leading manufacturer and exporter of complex Electrical Wiring Interconnect Systems (EWIS), electromechanical assemblies, avionic bays, consoles and box build electrical enclosures for the Defence and Aerospace market. Cablex has significant experience in developing and manufacturing electrical systems for harsh environments and developing solutions where electrical noise is a critical factor. Cablex offers bespoke end-to-end world-class engineering support and C4I systems engineering and integration.

Products

- Electrical Assemblies
- Consoles, Cabinets & Racks
- Cable Harness Assemblies & Systems
- Coaxial Cables – RF/Semi Rigid/ Microwave
- Special Processes – Shielding, Laser Marking

Key Customers and Partnerships

- Defence C4I Solutions – Multiple Programs
- Airbus Helicopters – Global NH90 and Tiger Helicopter Programs
- Airbus Defence and Space – Electrical Harnesses for A330 MRTT Program
- Northrop Grumman – MESA Radar Harnesses for Boeing 737 AEW&C platform
- Thales Land Systems – Hawkei Electrical Assembly & C4I
- Rheinmetall Global – Boxer Electrical Assemblies & Harnesses

Capabilities & Discriminator

- End-to-End Solutions including platform installation and TLS
- Develop & build electrical systems for harsh environments (electrical noise, EMC or electromagnetic attack)
- Design support for manufacture and installation
- Experienced in power, high power, RF & semi rigid cables up to Extremely High Frequency (EHF), shielding and bonding for aircraft

Awards and Certificates

- AS9100D (Aerospace Certified)
- ISO9001:2015
- IPC/WHMA-B-620
- J-STD-001
- MIL-HDBK-454
- VG Certification

Defence Science Institute

Craig Butler, Engagement Manager | +61 435 755 692 | +61 3 9575 3088 | 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.

Products

- Maintaining intelligence on the capabilities and interests of Victorian and Tasmanian academics
- Assisting appropriate foreign governments to identify and collaborate with Victorian and Tasmanian academics
- Assisting prime contractors to identify and collaborate with Victorian and Tasmanian academics
- Facilitating networking to help the sharing of ideas, matching of capabilities, development of collaborations or establish a common understanding of problems/ requirements

- Assisting stakeholders to understand how to work with Australian defence, industry, governments and research organisations
- Identifying sources of funding and investment able to assist local innovation (local, international, public and private)

Key Customers and Partnerships

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. Anyone who is capable of/wishing to supply Department of Defence with innovative ideas.

Capabilities and Discriminators

- We have no vested interest in intellectual property or in a financial stake in any collaboration we help to establish
- We are staffed by staff from the stakeholders we represent
- Our Advisory Board and stakeholders are populated by recognized leaders from within the Defence Science & Technology, industry and the university communities
- We have unprecedented access to universities, defence/ DST Group and the industry environment
- We have unparalleled knowledge of the collective capabilities of the Victorian and Tasmanian university sector

- We act for all Victorian and Tasmanian universities, all of DST Group and Victorian industry without any self interest and as a true honest broker

Diamond Defence Pty Ltd



Dr Steven Trpkovski, Managing Director | +61 488 004 781 | steventrpkovski@d-d.com.au | diamond-defence.com

Diamond Defence is a 100% Australian owned and operated technology company, specialising in design, manufacture and integration of fibre-optic, electrical and hybrid cable harness systems and assemblies. We specialise in custom solutions for the defence, aerospace, telecommunications and other harsh environment applications. Diamond Defence is the only sovereign Australian company that is AS9100D certified for fibre-optic and hybrid cable assemblies along with fibre-optic training. Diamond Defence utilises the latest manufacturing technologies and invests in R&D programs in fibre-optic sensors for EW applications.

Products

- Design and manufacture of MIL-STD, COTS and Proprietary cable assemblies
- Grade A optical connectors to IEC 61000 Standard
- ABS-Approved Cable design and manufacture
- Fibre-optic communications infrastructure, including enclosures, panels, FOBOTs and in-situ connectivity solutions
- Fibre-Optic Training for Technicians and Engineers

Key Customers and Partnerships

- Leonardo Defence Australia
- Rheinmetall Defence Australia
- SAAB
- Boeing Defence Australia
- Australian Submarine Corporation
- NBN Co

Capabilities and Discriminators

- Interconnectivity design services (standalone cable assemblies through to end-to-end systems)
- Only Australian manufacturer certified to AS9100D for fibre-optic and copper cable assemblies
- OEM vendor agnostic manufacturing technology; work with all MIL-STD, COTS and Proprietary connectors
- Local design, rapid prototyping and manufacturing enabling short delivery times of customer defined solutions
- IPC/WHMA-A-620D Certified for all cable assemblies

Awards and Certificates

- AS9100D
- ISO9001:2015
- DISP Membership
- IPC/WHMA-A-620D

Helen Horsell, Director | +61 478 751 856 | 1800 69 77 65 | helen@horsell.com.au | horsell.com.au

100% Australian owned business assisting government procurement through technology products, consulting services, and training offerings, particularly for the Defence sector. We consult to both sides of the market – the buyer and the seller, but never on the same project. We value transparency, knowledge sharing, and making complex simple.

Products

- Agent VFM (vfm.ai) – Tender Evaluation software
- Bid Or No Bid (bidornobid.com) – Executive decision support software
- RateMyTender (ratemytender.com.au) – Buyer/Seller Feedback software
- templatebot (templatebot.com.au) – tender automation software
- Continuous Improvement and Innovation (Agile/Lean/SixSigma) training
- Applied Artificial Intelligence/ Machine Learning training

Key Customers and Partnerships

- 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
- Agile Lean Six Sigma Society of Professionals – Credentialed Six Sigma Training

Capabilities and Discriminators

- Commercial & Procurement services
- Integrated Logistics/Product Support services
- Project Management services
- Publications Development services including S1000D and DEF(AUST) 5630 compliant publications
- Systems Engineering services
- Data Analysis and Decision Support services
- Training & Education

Awards and Certificates

- Australian Owned (AO) Certification #01752
- Australian Veteran Owned Business (AVOB) Certification
- Defence Industry Security Program (DISP) Membership
- Defence Support Services (DSS) Panel Member
- Defence Reserve Supportive Employer
- Proud supporter of Veterans' Employment Commitment

Integra Systems



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

Integra Systems is a leading industrial product design and advanced manufacturing enterprise specializing in sheet metal based products, located in Melbourne, Australia.

As an multi-award winning enterprise, inductee to the Victorian Manufacturing Hall of Fame, and driven by the principles of a circular economy, Integra has been delivering excellence in custom Australian-made products for clients both globally and locally for over 30 years.

Products

- The Integra K4.0 Kiosk: an Industry 4.0 kiosk empowering manufacturers and those working in industrial environments to achieve their digitisation ambitions
- Products manufactured with sheet metal utilising in-house designed high speed coil punching line, fibre optic laser cutters, turret punch, panel benders, servo electric press brakes, cobots, notching, fastening, welding and assembly

Key Customers and Partnerships

- RMIT, La Trobe, Swinburne, Monash and University of Melbourne
- BlueScope Steel
- Melbourne's North Advanced Manufacturing Group
- Australian Industry & Defence Network Victoria
- Ironside Defence and Mining
- Servicing industries including architecture & construction, civil infrastructure, defence, health & pharmaceuticals, health & safety, IT & electronics, lighting, manufacturing, retail, signage, transport & rail

Capabilities and Discriminators

- Over 30 years' experience delivering fully integrated product solutions
- Design for manufacture, ease of deployment and reduced on-costs
- Circularity by design to reduce waste, transport, energy emissions, materials and manufacturing processes
- Award winning in-house design and advanced manufacturing
- Highly diversified team with deep knowledge, insights and experience
- Industry 4.0 solution combining digital processes and information in the one central location via a touchscreen or touchless kiosk

Awards and Certificates

- ISO 9001:2015 certified
- 2022: Induction into the Victorian Manufacturing Hall of Fame
- 2022: Workforce Skills Development – Victorian Manufacturing Hall of Fame
- 2022: Finalist Manufacturer of the Year (Medium) – Victorian Manufacturing Hall of Fame
- 2022: Engineering Design Winner – Good Design Award for the K4.0 Kiosk
- 2021: The Tech Leader Award – KPMG Circular Advantage Program

Robert Gangi, Director/Founder | +61 402 359 400 | +61 1300 613 688 | robert.gangi@lindo.au | lindo.au

Lindo designs and manufactures engineered fixed lighting systems to improve the health and well-being of warfighters, first responders, and defence personnel. Our relentless mission is to provide them with the necessary tools to survive and thrive in their demanding and vital roles.

Products

- Vessel and aircraft disinfection systems
- Air treatment and disinfection
- Surface treatment and disinfection
- Deployable health facility disinfection
- Equipment disinfection chambers
- Water filtration systems

Key Customers and Partnerships

- Air Ambulance Victoria (Pel-Air)
- Victorian Department of Health
- Geelong Football Club
- Swinburne University
- University of Melbourne
- Gangi Group

Capabilities and Discriminators

- Product and systems to support all maritime platforms such as above and under water platforms, including the AUKUS program
- Blue Light technology for air and surface disinfection that can be deployed into large mobile assets such as aircraft, vessels, vehicles and mobile logistics
- Chemical free, germicidal lighting chamber to disinfect patient stretchers and mobile assets
- Lindo lighting can be easily incorporated into existing lighting structures and provide both practical white light and germicidal blue light in the one fixture

- Significant reduction to logistics burden when disinfecting air and surfaces while assets are deployed
- Significant reduction in resupply times for equipment due to rapid disinfection that requires little to no human intervention

Awards and Certificates

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- Defence Export Control Compliant

Logistic Engineering Services

Ian Mortimer, Business Development Manager | +61 421 103 751 | +61 3 8698 6400 | imortimer@les.net.au | les.net.au

Logistic Engineering Services Pty Ltd (LES) is a Consulting and Professional Service Provider (PSP) delivering Integrated Logistics Support services in acquisition and sustainment.

LES offer a network of experienced project managers, engineers, logistic analysts, programmers, trainers and technical personnel, providing solutions to management, engineering, maintenance, engineering logistics and training needs.

Products

- Integrated Logistic Support
- Logistic Support Analysis
- Project Support Services
- Tendering and Bid Support
- Data Management
- Software Development

Key Customers and Partnerships

- Nioa
- Northrop Grumman
- Defence Maritime Projects
- BAE Systems Australia
- Lockheed Martin Australia
- ASC Shipbuilding

Capabilities and Discriminators

- Integrated Logistic Support (ILS)
- Logistic Support Analysis (LSA) and Logistic Support Analysis Record (LSAR) Development
- In-house designed, built and marketed software tool sets to support ILS outcomes such as eMRD, eLSA and eLORA
- Average of 40 years of defence and industry experience providing Integrated Logistics Support (ILS)
- Specialists in the conduct of Logistic Support Analysis (LSA) and the development and management of Logistic Support Analysis Record (LSAR)
- LSAR software compliant to DEFAUST 5692. Ability to assist organisations in converting LSA data into useful information

Awards and Certificates

- AS/NZS 9001:2015
- Defence Support Services Panel
- Defence Industrial Security Program
- Defence Letter of Recognised Supply



M. Brodribb Pty Ltd

Richard Brodribb, Managing Director | +61 427 945 735 | +61 3 98320222 | rbrodribb@brodribb.com.au | brodribb.com.au

ISO certified Australian designers and manufacturer of Defence qualified dry type low voltage transformers for shipboard and landside use, DC systems used in electricity distribution for renewables, resources, distribution, mining, transport, water, defence.

We also make cathodic protection rectifiers used for protection of assets including many Defence wharfs and jetties, as well as for oil and gas, water and resources markets.

Products

- Transformers for shipboard (Navy) use
- Cathodic protection for landside asset protection
- Battery chargers for shipboard use
- Cathodic protection for shipboard use

Key Customers and Partnerships

- Department of Defence
- BAE (defence sector)
- Powercor, Ausnet
- BHP
- Rio
- Yurika

Capabilities and Discriminators

- 80 years in business
- Australian-owned and operated
- Victorian design
- manufacture and support
- supplied ANZAC
- AWD other Navy vessels

Awards and Certificates

- ISO 9001 certified
- DISP Baselevel certified

Mack Valves Pty Ltd

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

Mack supplies industrial valves locally and internationally – including in the Maritime Industry. We have built a reputation on innovation, quality and dependability. Our specialised engineers supply bespoke scalable technical solutions. We source locally and have a fully equipped machine shop offering a whole-of-life product solution from design to manufacture and repair.

Products

- Ball Valves
- Pressure-Reducing/Sustaining Valves
- Safety/Relief Valves
- Strainers and Ball Float Valves
- Manufacture of bespoke valves in specialist materials
- Maintenance and valve repairs

Key Customers and Partnerships

- ASC
- Score Perth
- Air Liquide
- BOC
- 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
- Undergoing DISP Certification and staff with Security clearance
- Valve manufacturer for over 80 years

Awards and Certificates

- ISO 9001-2015
- Australian Made Certification
- SSL/Watermark
- Activfire Certified: Fire & Water Valves
- Fire Safe Certification: Specific Valves

Mackay Australia Pty Ltd



Olaf Alm, Defence Manager | +61 490 482 297 | +61 3 9555 6500 | 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.

Products

- Vibration Isolation and Signature Management solutions
- System integration providing a single solution point for rubber, steel castings, machining, fabrication and automation
- Rocket Motor Insulation and Hybrid Fuels
- Mk 25 Closures for the ESSM Quad-pack
- Type 26 Pipe Hanger Inserts
- Various products for Collins Class and Dreadnaught Submarines

Key Customers and Partnerships

- Australian Submarine Corporation (ASC) – Supplier and Technical Support Agent (TSA)
- BAE Systems (Aus, UK & USA)
- DST Group and CASG (Department of Defence)
- ST Engineering
- Boeing Aerostructure Australia
- Australian Business Growth Fund (ABGF)

Capabilities and Discriminators

- Design, development and manufacture of engineered rubber products
- 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., extrusion, compression, transfer, and injection moulding
- Hand-build and Off-site services
- Experienced defence exporter: USA, Singapore, Europe and UK

Awards and Certificates

- AS/NZS ISO9001:2015
- AS/NZS ISO14001:2015
- ISO/IEC 17025:2017 (NATA)
- Australian Trusted Trader (Australian Border Force)
- 2019 ASC Supplier Of The Year
- 2018 Essington Lewis Award: category winner of minor sustainment activity under \$20m

Moog Australia Pty Ltd



Daryl Edwards, Marketing Manager | +61 437 332 994 | dedwards6@moog.com | moog.com.au

Moog is a global supplier delivering motion control and electronic solutions to the military. With a heritage in defence dating back to the early 1950s, Moog's customers recognise us for accurate weapon systems, fast ammunition handling, precise steering control of missiles, and near silent actuation for submarines. Moog Australia Pty Ltd established in 1979, is a wholly owned subsidiary of Moog Inc.

Moog provides mission critical systems and components across Land, Air and Sea platforms including the F-35 Joint Strike Fighter, F/A-18 Hornet, Black Hawk, ASLAV, Boxer CRV, M113AS4, M1A1, LHD, AWD and Collins Class Submarine. Our mission is to design and manufacture mission critical Defense Solutions from Australia for the Indo-Pacific, focused on weaponization and precision motion control.

Products

- Naval Electrohydrostatic Actuation System (EHAS)
- Rugged & Quiet Drives, Control and Power Systems
- Torpedo Fin Actuators
- AC Brushless PM Motors
- Rotary Joint & Drive Assemblies
- Naval Gun Turret Controls & Actuation

Key Customers and Partnerships

- ASC
- Australian Defence Force
- BAE Systems
- CSIRO
- DST Group
- Lockheed Martin

Capabilities and Discriminators

- Global OEM of defence hardware with IP transfer experience
- Over 70 years of heritage, over 40 years in Australia
- Supply of military off-the-shelf products and fully customised solutions
- Local design, engineering, manufacturing, test, and commissioning
- Engineering services including feasibility studies, specification verification and FMEA

Awards and Certificates

- AS9100 Quality Management System Certification (Lloyd's Register)
- MIL-STD-901D/MIL-STD-167 High Impact Shock/Mechanical Vibration Resistance
- MIL-STD 810F Environmental Engineering considerations and laboratory tests
- ANSI/ESD S20.20 ESD Control Program compliant to ANSI/ESD S20.20
- IPC-A-610/IPC-7711/IPC-7721 Certified personnel and trainer

Parish Engineering Co. Pty. Ltd.

Nicole Sinclair, Chief Executive Officer | +61 423 082 180 | +61 3 9555 3377 | nsinclair@parishengineering.com.au | parishengineering.com.au

Parish Engineering is an Australian manufacturer of precision turned components supporting industry with a range of Defence products including Munitions (Cores), Air Fittings & Couplings and Track Link components. As we have been supporting the Australian Defence Industry since WW2, showcases our significant experience working with Defence and Defence Primes.

Products

- Precision component manufacturer on the latest CNC lathes and milling machines
- Munitions (Cores)
- Australian OE manufacture of Longworth Air Fittings & Couplings
- Track Link components

Key Customers and Partnerships

- ABC Specialty Metals (Australian Steel)
- ACE Metal Treatment Services
- Thales Australia
- Mackay Consolidated Industries
- Air Brake Corporation

Capabilities and Discriminators

- CNC turning and CNC Milling
- General engineering and assembly
- Diversity through female Leadership and Ownership
- High Precision Machining to within microns
- Cost-effective high-volume production
- Technical and Design Support

Awards and Certificates

- ISO9001:2015 (unbroken since 1994) Certified by TQCSI
- AS9100D Certified by TQSCI
- 2021 HVIA National Awards – Product Innovation

Ribcraft Marine Pty Ltd



Adelina Florescu, Managing Director | +61 467 260 158 | +61 1800 328 985 | adelina@ribcraft.com.au | ribcraft.com.au

Ribcraft Australia is the official distribution branch of Ribcraft professional grade Rigid Inflatable Boats (RHIBs) in Asia-Pacific region.

With over 30 years of proven experience, Ribcraft designs and manufactures high-performance RHIBs for Defence, law enforcement, search and rescue, and commercial applications.

Products

- Maritime Interdiction Operations RHIBs from 3.5 to 12.5 meters
- Patrol and Surveillance RHIBs
- Special Operations: Reconnaissance, Infiltration and Extraction RHIBs
- Boarding Operations, Inspections & Counter Piracy RHIBs
- Personnel and Cargo Transfer RHIBs
- Mine Counter Measure RHIBs

Key Customers and Partnerships

- US Navy
- UAE GHQ Armed Forces
- UK Coastguard
- UK Port Authority
- Royal Air Force
- Global Law Enforcement & Police Forces

Capabilities and Discriminators

- Proven reinforced deep V hull design for enhanced stability, seakeeping and precise maneuvering capabilities
- Military-spec inflatable tubes
- Modular configurations to accommodate specialized equipment and warfare systems
- Tactical boarding, ballistic protection and weapon mounts
- Remote-controlled or autonomous operation
- Surveillance and Detection Systems

Awards and Certificates

- Design meeting the requirements of DNV Standard for certification DNVGL-ST-0342 – Craft
- ISO9001:2015 Ribcraft has held this Quality Management standard since 2008
- ISO1400:2015 Ribcraft has held this Environment Management standard since 2008

Rubicon Associates

Ben Hemphill, Business Development Manager | +61 466 544 449 | +61 3 9867 2522 | ben.hemphill@rubiconassociates.com.au | rubiconassociates.com.au

Rubicon Associates is an Australian-owned design and engineering consultancy that provides Naval Architecture and Marine Engineering services, specialising in Hull Structural, Outfitting, Mechanical, Electrical design, Equipment and Systems Integration and Integrated Logistic Support, all founded on strong systems engineering rigor to mitigate technical risks.

We provide client focused project management to deliver cost-effective, timely, and high-quality solutions.

Products and Services

- Concept design and feasibility studies
- Design and integration of complex Engineering Changes (ECP) and Life Of Type Extensions (LOTE) studies and their implementation
- Systems Engineering, Risk and Safety Management, and Product Life Cycle Management
- Integrated Logistic Support/ Supportability artefacts development
- Detailed Design for Construction, and Test and Evaluation
- Project Management services

Key Customers and Partnerships

- BAE Systems – ANZAC Class Frigates, Hunter Class Frigates, Hydrographic Ships & Survey Motor Launches
- Austal – Cape Class, Evolved Cape Class, Guardian Class Patrol Boats
- Teekay – Bay Class Patrol Boats, ADV Reliant, Technical Bid advisors
- Birdon – STS Young Endeavour Replacement – STS YEII
- Atlantic & Peninsula – HMAS Choules
- Commonwealth of Australia – Department of Defence, HSPO, CASG & NSSG

Capabilities and Discriminators

- Naval Architecture & Structural Engineering
- Hull, Outfitting, Mechanical/Marine, and Electrical Engineering
- Offshore Oil and Gas floating structures design and transshipment operations
- Ship Build Strategy advisors, Ship Construction support, product assurance and floating assets owner representation
- Integrated Logistics Support (ILS), and Product Life Cycle. Management/ Configuration Management
- Asset Management technical Advisors

Awards and Certificates

- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Occupational Health and Safety Management Systems
- ISO 9001:2015 Quality Management Systems
- DEFENCE INDUSTRY SECURITY PROGRAM (DISP) Member

SPEE3D



Ben Hockley, Head of Sales Australasia | +61 0413 993 173 | +61 3 7719 8234 | ben.hockley@spee3d.com | spee3d.com

SPEE3D is dedicated to the research, development, and delivery of advanced robotics, automated software, and metal manufacturing solutions utilizing its patented cold-spray technology for a wide range of materials. SPEE3D offers a deployable capability that fabricates critical replacement parts on demand, and provides Defence training, and in-field support.

Products

- Metal 3D Printing equipment
- Autonomous Systems, Engineering
- Field Equipment

Key Customers and Partnerships

- Defence Forces
- Global Universities
- Original Equipment Manufacturers – Civil & Defence
- Small to Medium Manufacturers (SME)
- Energy and Mining

Capabilities and Discriminators

- ULTRA HIGH SPEED – rapid build rates up to 100g a minute
- FLEXIBLE – On-demand part production of 1 to 10,000
- STRONG – High performance metal parts
- EASY – No redesign, just load your file and print
- LOW COST – Similar cost to casting using common materials
- PROVEN – Has been deployed and tested with Australian Army, US Navy, and British Army, delivering useful metal military parts in austere and remote land and marine environments

Awards and Certificates

- 2021 Victorian Government 'Global Gateway' Recipient
- 2021 LAND FORCES Defence SME Innovation Award
- 2022 DSI Expeditionary and Tactical 3D Printing Excellence Award
- 2022 Governor of Victoria Export Awards Manufacturing and Advanced Materials Award

Sutton Tools



Peter Rollauer, General Manager | +61 429 920 541 | +61 1800 335 350 | prollauer@sutton.com.au | suttontools.com

Sutton Tools manufactures and supplies cutting tools to a broad spectrum of industries including aerospace, defence, medical, mining & general engineering. Our High Performance Solutions division, has been specifically created to deliver 100% of our customers' CNC machining needs, including standard and fast turnaround customised solutions for special applications.

Products

- Carbide and HSS Drills
- Iso and Application Taps
- Carbide End Mills for all materials
- Distributors for, SupplyPro Vending Solutions CIMCO, Surface Technology Coatings Hoffmann Group, AMEC, Walter Tools, SIMTEK, Quaker Houghton Fluids, Kemmler Tooling

Key Customers and Partnerships

- Various Defence Primes
- 1st and 2nd Tier Defence SME's
- ANCA
- General Engineering
- Energy and Mining
- Associations: SEMMA, Northlink, DMTC, DIAS – Defence Industry Advisory Services, Swinburne University, RMIT, Monash University

Capabilities and Discriminators

- Largest manufacturer of cutting tools in country
- customised solutions
- heat treatment
- PVD coating technology
- resharpener facility
- Australian Made Cutting Tools, giving True Sovereign Capability

Awards and Certificates

- ISO9001 accreditation
- Victorian Hall of Fame

SYPAQ Systems Pty Ltd



Amanda Holt, Chief Executive Officer | +61 402 305 713 | +61 3 9867 2565 | aholt@sypaq.com.au | sypaq.com.au

SYPAQ Systems was founded in 1992, and has grown to employ 200+ staff. This Australian owned company, specialises in Defence & Aerospace technologies, consulting, systems integration and support services such as UAV's, Artificial Intelligence and C4ISREW Systems, and operates throughout Australia and Asia. They're a regional integration and support partner for several global OEMs.

Products

- CORVO – Trusted Autonomous, Artificial Intelligence and C4ISREW Systems
- Next Generation Heavy Fuel Power Systems – Autonomous Systems and Power Generation Solutions
- ARIA – Secure Tactical Communications
- Secure Cloud – from the Tactical Edge to Enterprise Solutions
- Secure Atlassian Solutions

Key Customers and Partnerships

- ADF, CASG, CIOG, DSTG, Defence Innovation Hub
- Services Australia
- Atlassian, Collins Aerospace, Sightline Applications
- Currawong Engineering
- AUCloud
- Kleos

Capabilities and Discriminators

- Platform Systems Integration – C4ISREW, Internal and External Communications Systems
- Algorithm Development, Artificial Intelligence and Machine Learning, Modelling & Simulation
- Advanced Communications Systems – Tactical Data Links, Joint C4I, HF Communications and Deployed Networks
- Cybersecurity and Information Assurance – Governance, Assessment and Certification
- Military Systems Engineering, Sustainment and Program Management Consulting Services

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"
- Australian Aviation Awards "Remotely Piloted Aircraft Business of the Year"
- Defence Connect "Female Executive of the Year"

Textron Systems Australia

Cameron Devries, Senior Program Manager | +61 429 387 841 | +61 3 9518 7300 | cdevries@textronsystems.com | textronsystems.com.au

Extending human capability in difficult and dangerous endeavours – through Textron Systems Australia's Aerosonde Uncrewed Aerial Systems, interoperable command-and-control solutions and comprehensive services make us the trusted, proven partner for both military and commercial applications. Our systems protect and defend across the sea, land and air domains.

Products

- Uncrewed Aircraft System (UAS) production, flight operations, training and support for Aerosonde® and Shadow® systems
- Aerospace and Electronics Engineering design and support services

Key Customers and Partnerships

- United States Department of Defence (SOCOM, USN, USAF, Army, FMS)
- Australian Department of Defence (CASG / 20 Regt RAA, DSTG)
- Law Enforcement (State Police)
- Science and Research (Universities, Federal and State Governments)
- Commercial

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
- True local Australian design, production and through-life support
- 25+ years experience in design and production of aerospace grade electronics
- Backing of Textron Inc., a FORTUNE 500 Defence Prime

Awards and Certificates

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

The Design Technology Company

Jonathan Bannister, Managing Director | +61 403 860 824 | +61 3 9036 3662 | jonathan.bannister@designtechco.com.au | designtechco.com.au

The Design Technology Company enable their clients to have access to the right capacity, skills and technology to achieve their desired business objectives. They are an essential part of every engineering project team due to their design capabilities and literacy with design technologies.

Products

- Mechanical Design
- Virtual Reality
- Augmented Reality
- Digital Design Transformation
- Digital Thread Implementation

Key Customers and Partnerships

- BAE
- Navantia
- Jayben
- Tectonica
- Supacat
- Siemens Healthineers

Capabilities and Discriminators

- Swell capacity for mechanical design teams
- Rapidly integrate into client's teams
- Expertise in a multitude of design software and other tools, including CAD, laser scanning, photogrammetry, VR, AR
- Deep experience in Design Process Workflows
- Highly practical designers – Fully insured
- Management team committed to client's outcomes

Awards and Certificates

- DSS Panel Member

Thrust Maritime



Ben Healy, Managing Director – Naval Architect | +61 411 967 285 | +61 3 5947 7829 | benhealy@thrustm.com | thrustm.com

Thrust Maritime provides a global offering of specialty marine launch and recovery systems; with design and manufacture in Victoria (Glen Iris and Pakenham).

Private, veteran owned Australian company leading the world in the safe recovery of hyperbaric lifeboats and electric Active Heave Compensation (AHC) winch systems.

Products

- Engineered & Manufactured Marine Solutions
- Marine lifting appliances, including A-Frame cranes, winch and davits
- Active Heave Compensation Systems
- Rental Solutions to Enhance Vessel Capability
- Pressure test units

Key Customers and Partnerships

- TechnipFMC
- DOF Subsea
- Mermaid Marine Australia
- Polaris Marine
- Beach Energy
- Royal Australian Navy

Capabilities and Discriminators

- Lifting appliance design, manufacture, integration and compliance
- World leading capability in hyperbaric LARS design and manufacture
- Structural analysis & weight reduction
- System integration specialist
- Multi-disciplined production capability (fabrication, hydraulics, electrical, assembly and testing)

Awards and Certificates

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2015
- OHSAS 18001:2001

Victorian Defence and Space Network

Adam Evans, Manager – Interim | +61 0410 970 486 | manager@vdsn.org | vdsn.org

VDSN is an industry network that showcases Victorian industry and demonstrates that the state is delivering highly relevant capabilities and contributing significant capacity to the supply chains of both the Defence and Space domains. As the second-largest contributor to the Defence budget, Victoria is an integral element of national defence, economy and security.

Products

- Networking events
- Newsletters and information
- Member profiles and collaboration forums
- Advanced digital marketing

Key Customers and Partnerships

- State Government of Victoria
- SME in defence and space industries and supply chains

Capabilities and Discriminators

- State Government of Victoria endorsed initiative
- AIDN Managed
- Free to join
- Secure collaboration environment and encrypted data
- Tiered memberships (Professional and Delegate)

Awards and Certificates

- ISO44001 model design
- GDPR compliant

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/evacuation solutions and regulatory signage, including: IMO signs, Identification Labels, Corrosion preventive products, Tallies, Pipe markers and EP & PL Low location lighting (LLL) Systems.

Products

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

Key Customers and Partnerships

- Happich
- S2S

Capabilities and Discriminators

- First company in the world to develop photo-luminous ink (Lumink TM)
- 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
- Defence Industry Security Program (DISP)



Australian Precision Technologies Pty Ltd

Adam Sutton, Business Development Manager | +61 3 9768 9400 | +61 416 111 867 | adam.s@aptengineering.com | aptengineering.com

At APT's advanced manufacturing facility, we specialise in producing precision components and assemblies utilising the latest CNC technology and manufacturing software.

Our goal is to deliver value to our customers by providing efficient, quality, precision components utilising our state of the art facility and dedicated team with a 'can do' attitude.

Latrobe City Defence Alliance



Glen McColl, Coordinator Business Development | +61 1300 367 700 | +61 460 352 624 | glen.mccoll@latrobe.vic.gov.au
latrobe.vic.gov.au/City/Invest_in_Latrobe/Latrobe_City_Defence_Profile

Latrobe City Defence Alliance is a representation of specialised engineering and manufacturing companies located in Victoria's Latrobe Valley, approximately 150kms east of Melbourne, accessible to national and international markets via existing transport infrastructure. Latrobe City's large skilled workforce is primed to transition its long history of advanced manufacturing into supporting the defence supply chain.

BASE ONLY

NextAero Pty Ltd



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NextAero provides bespoke fluid and heat engineering services for the aerospace, automotive, and technology demonstration applications. We build testing equipment for volatile high pressure gases and liquids such as hydrogen and liquid oxygen. We can design and remediate thermal/gas/fluid faults. We operate Australia's only commercially available liquid fueled rocket engine test stand.

BASE ONLY

Ocean Software Pty Ltd



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Ocean is a leading provider of solutions that drive operational efficiency, improve safety and deliver significant ROI to customers in 15 nations across the globe. Our products are designed to maximise operational effectiveness wherever there is a need to coordinate multiple facilities, assets, people and resources in high-risk and complex environments. Our solutions for Defence, Government, and the Private Sector are widely regarded as the gold standard in their respective classes.

Sentient Vision Systems



Paul Harris, Global Director Business Development | +61 3 9646 3331 | +61 466 655 383 | paulh@sentientvision.com | sentientvision.com

Sentient Vision Systems has been a developer of AI technologies since 1999 and is a leading provider of AI-powered sensor capabilities for wide area surveillance. Sentient packages the latest generation of sensors with edge computing and uses a combination of computer vision and deep learning to autonomously detect, classify, geo-locate, track targets for ISR and SAR missions.

Sunpower Renewables Pty Ltd



Damien Hill, Chief Commercial Officer and Chief Technical Officer | +61 491 687 226 | damien@sunpwr.com.au | sprenewables.com

Sunpower Renewables is an Australian renewable energy solutions company.

They have developed modern, efficient and smart solar energy products that allow customers to achieve energy independent while being cost effective, long lasting and environmentally friendly.

Sunpower Renewables 'Australian Made' products use cutting-edge technology, and are designed for industrial, commercial, residential and off-grid applications. Through our products we want to empower every consumer to generate, store and use solar energy anytime, anywhere.

defence.vic.gov.au

