

Land Forces 2022

CAPABILITY CATALOGUE



Defence Teaming Centre
Connecting • Developing • Advocating



**Government of
South Australia**

DEFENCE SA



Defence Teaming Centre
Connecting • Developing • Advocating

Dinner & Awards Ceremony 2022

Thursday 3 November
Adelaide Convention Centre

Celebrate the achievements of defence industry and be part of a memorable night as we announce the winners of the four prestigious DTC awards and reveal the recipient of the DTC's Chair Award.

Time: 6:30pm Welcome Reception and 7:30pm Dinner

Tickets: \$250 for DTC Members or \$350 for Non Members

DTC Member Branded Table of 10: \$2,250
includes company logo featured on the table stand

Non Member Table of 10: \$3,500

Enquiries: events@dtc.org.au

Visit DTC's website for tickets & details: www.dtc.org.au



MC:
Katherine Ziesing

Strategic Communications Manager
Hanwha Defense Australia Pty Ltd



Guest Speaker:
Dr Brendan Nelson

President of Boeing Australia,
New Zealand and South Pacific





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		GENERAL										ENGINEERING						MANUFACTURING				PROFESSIONAL SERVICES																							
Quad Chart Page Number		Robotics	Cyber Security	ICT	Intelligence, Surveillance & Recon	Systems Engineering	Testing Equipment	Software Engineering/Architecture	Electronic Warfare	Communications/Network	Machine Learning/Artificial Intelligence	Industrial	Construction & Infrastructure	Mechanical	Structural	Electrical	Civil	Mechatronic	Software	Systems	Safety	Electronics	Sheet Metal	Medium to Heavy Steel Fabrication	Plastics	Composites	Precision	Design/Creative	Legal	Workforce/HR Support	Banking/Finance	Bidding/Tender Writing	Communications	Project Management	Consultants	Logistics/Transport	Research & Development	Training & Education	Through-Life Support	Inspection, Testing, Certification & Asset Integrity					
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Dassault Systèmes Australia																																													
Daronmont Technologies*	20				●	●		●	●	●			●						●	●	●		●	●																					
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Williams Metal Fabrications	51										●	●		●		●									●			●																	
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*Exhibitor on the 'South Australia – The Defence State' stand

CONNECTING, DEVELOPING & ADVOCATING FOR DEFENCE INDUSTRY



FOREWORD

Welcome to the South Australia – The Defence State stand at the Land Forces 2022 International Land Defence Exposition. The Defence Teaming Centre and Defence SA are proud to collaborate with an exciting group of South Australian based companies to showcase the breadth of capabilities of “The Defence State”, which includes manufacturing, engineering services, software, training and academia.

The Defence Teaming Centre is a not-for-loss defence industry association based in South Australia supporting and developing Australia’s defence industry. We specialise in bringing together Defence Primes, SMEs, academia and professional service providers to network, collaborate and team for defence related opportunities. Our mission is to represent the best interests of defence industry in contributing to our national security and creating jobs for Australians.

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

The Defence Teaming Centre and Defence



SA encourage you to learn more about the companies represented on the South Australia – The Defence State stand in the front half of this capability catalogue. Information on additional DTC members who were unable to attend Land Forces 2022 can be found in the second half of the catalogue.

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

About the Defence Teaming Centre

We are a professional defence industry member association dedicated to connecting, developing and supporting Australian defence industry to develop Australia's Sovereign Defence Industrial Capabilities and increase industry's competitiveness in global defence markets.

WHO WE ARE

The Defence Teaming Centre is a non-profit defence industry association based in Adelaide, South Australia. We are a small team with over 100 years combined experience in the Defence and defence industry. We strive to bring together Defence Primes, SMEs, academia and professional service providers by hosting a comprehensive calendar of events that provide the opportunity to network with government, primes and SMEs working in defence, supports collaborative business relationships, and provides a forum for facilitated introductions to key defence decision makers.

Our goal is to maintain a strong, sustainable and vibrant defence industry in Australia. We work closely with key defence stakeholders and federal and state government to ensure we can continue delivering services which align with this goal. This includes helping businesses to continually evolve to meet the needs of Defence by facilitating access to cost effective training and development activities which directly align to the needs of the defence market and help industry become more competitive in export markets.

We are very passionate about the defence industry and aim to provide a credible and informed voice for Australia's defence industry and all stakeholders, at all levels of Government. We continually advocate on behalf of defence industry for the development of policy which promotes and supports the development of a sovereign industrial capability in Australia.

WHAT WE DO

As a leading industry association we are continually guiding and supporting defence industry to navigate through the evolving Defence landscape and win work in the defence sector. We do this by providing tailored services to meet the needs of companies who are engaging in activities across Air, Land, Sea, Space and Cyber.

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

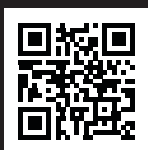
THE DEFENCE STATE

SOUTH AUSTRALIA IS A HUB OF DEFENCE ACTIVITY, UNDERPINNED BY INNOVATION, CUTTING-EDGE TECHNOLOGY AND A HIGHLY SKILLED WORKFORCE.

Home to major defence companies spanning the maritime, aerospace, land, space, systems and cyber domains, South Australia attracts major projects through our world-class infrastructure and dedicated state-of-the-art defence precincts. We have created a highly competitive business environment for both suppliers and investors.

South Australia has an advanced industrial base actively delivering specialist services and products to the Australian Defence Force and other Defence customers around the world. The breadth and depth of our capabilities can be explored through the Defence Industry Directory, available online now.

So when you think defence, think
South Australia – The Defence State.



View the directory



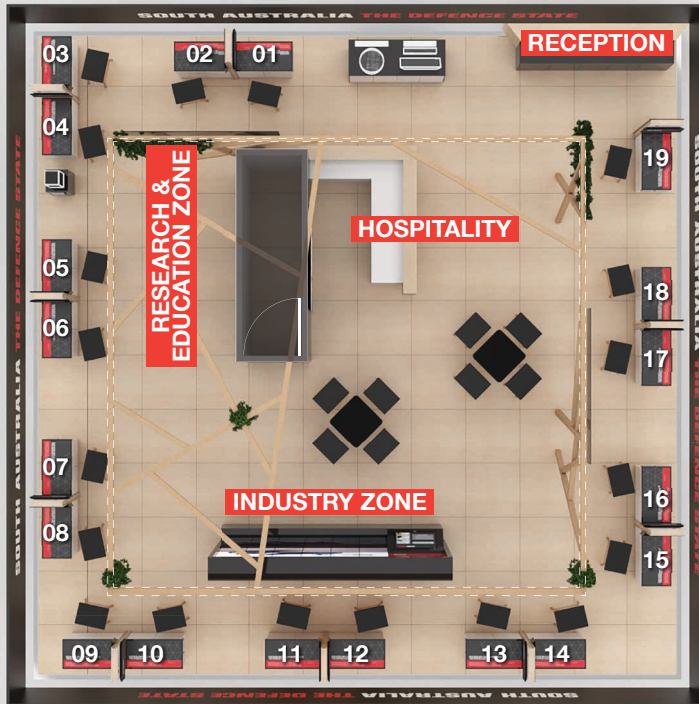
Government of
South Australia

DEFENCE SA

For more information visit defencesa.com

Satellite: Inovor Technologies

SOUTH AUSTRALIA THE DEFENCE STATE LAND FORCES 2022



POD EXHIBITORS

1. AEROBOND PTY LTD
2. Axiom Precision Manufacturing
3. APC Technology
4. Cold Logic Pty Ltd
5. Daronmont Technologies
6. Mincham
7. Rowlands Metalworks & Defence Coating Systems
8. Supashock
9. Acacia Systems
10. Ultra Electronics
11. elmTEK
12. Silentium Defence
13. Solinnov Pty Ltd
14. Asension
15. DEWC Services
16. REDARC Defence & Space
17. Micro-X
18. PRP Manufacturing
19. Defence Teaming Centre

INDUSTRY ZONE EXHIBITORS

- 4th Harmonic
- Adelaide Relocations
- Aerometrex
- AML3D
- Australian Defence Consultancy Group
- Century Engineering
- Customs Agency Services Pty Ltd
- De Stefano & Co | Defence Industry Experts
- Derby Rubber
- Ezy-Fit Engineering
- Ferretti International
- Fleet Space Technologies
- Form Cut Australia
- Fyfe
- Kadego-Cadgile
- Lumination
- Mott MacDonald
- MyModular
- Norseld Pty Ltd
- Oktal Sydac Australia
- OpSys
- Para Bellum Solutions
- Pedders
- Predict Australia
- PrioriAnalytica Pty Ltd
- QMS NDT & NACE
- QuantX Labs
- Randstad Defence
- RFTEQ Pty Ltd
- SABRN Tech Pty Ltd
- Secure State
- Shoal Group
- Southern Launch
- Stärke-AMG
- Trymoss Engineering Pty Ltd

RESEARCH AND EDUCATION ZONE EXHIBITORS

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



Human Capability Generating the Combat Edge

The Australian Defence Force (ADF) will increase its members in uniform to almost 80,000 strong by the year 2040. To complement the personnel workforce increase, large scale hardware capability upgrades are imminent. Simply put, training systems must evolve to be more resilient, effaceable, iterative, and flexible, or the ADF may fail to meet expected effectiveness.

It is human capacity and proficiency, combined with machine technical capabilities, that provide a fighting edge for the ADF.

The backdrop of the current geopolitical landscape looms as a large motivator to ensure the ADF is maintaining an advantage over any potential adversary. War fighters must maintain this leverage for the ADF to continue pertinent operations or run the risk of becoming quickly overwhelmed by a numerically superior force.

The Australian Government and industry are rapidly investing in ever increasingly technological advanced and networked hardware. The result being ADF members are obliged to operate in a system wide manner to maximise the battlespace impacts of that capability. It is imperative that both foundational, and role specific training, meets this ever-increasing demand.

For the ADF to remain competitive, the warfighting effect for every single ADF component must be cohesive and impactful. The “common soldier” is no more; but is a walking combative Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) integrator and a feasible linchpin for the services to operate together. The technical and non-technical skill sets required of modern ADF uniformed personnel cannot be underestimated.

Established training architectures have been in place for a long



time without a discernible need to change tack other than some modest improvements. While current learning management package frameworks have met legacy training requirements, throughput objectives need to be increased to meet future workforce targets. Growing purchase costs may consequently result in leaner system resources, and coupled with the urgency to increase training potency, requires smarter and more effective training systems, employing appropriate data structures.

Imagine if you will, a data measurement framework across an entire training system that allows commanders and capability managers to better understand and visualise the impacts of training management throughput decisions. The potential exists to adjust specific input levers and measure specific throughput effects, while communicating those decisions in a transparent manner to the command chain, industry, and arguably more importantly, subsequent commanders in training management roles.

Building a long term, pervasive and clear data framework allows for a lineage of capability managers to tweak the system for throughput numbers with corresponding iterative competency upgrades, in concert with industry and changing command intent.

A learner centric training system with human performance at the core, embedded with situational and networked training competencies, delivered alongside a data centric management framework to sharpen output standards, and increase throughput numbers, can meet ADF commitments.

Capability and technology acquisition projects should demand an increased focus on the importance of the training system that delivers the hardware, and personnel capability.



South Australia The Defence State



4th Harmonic helps clients win and execute specific projects, programs and industry opportunities. We use a systems approach that combines hard-earned experience with data analysis to design, manage and evaluate the programs that are the key to realising your goals.

What We Do

Our clients benefit from a program of work delivered by experienced industry leaders that includes the following activities:

- Program Management
- Data Science & Analysis
- Industry Development
- Workforce Training & Development
- Supply Chain Illumination
- Facilitation of Collaborative Projects
- Transfer of Technology
- Cybersecurity

Discriminators

DeCaDe.net

We model the 30,000 organisations that form Australia’s defence ecosystem. Our proprietary software integrates data for our partner organisations to provide unique insight into Australia’s evolving capability clusters, AIC and SIC.

Industry Experience

Our service provides the client peace of mind with industry insights based on proven experience across all our client’s industries.

Our Partners



Our clients’ industries

Our target clients are preparing to meet evolving cyber challenges by enhancing their cyber security posture and moving from compliance to resilience.

- Government
- Defence
- Defence Industry
- Cybersecurity
- Infrastructure

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Australian Defence Consultancy Group

adcg.com.au



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 Managing Director / CSO / CISO
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The Australian Defence Consultancy Group (ADCG) was founded in 2009 and supports Defence Industry and their Supply Chains ensuring employees and sub-contractors are security cleared and *Defence and Government Ready* to win business in this rapidly evolving market. ADCG was one of the first accredited Defence Industry Security Program (DISP) companies and facilitates the sponsorship and through-life governance and management of Australian Government and Defence Security Clearances at Baseline, NV1 and NV2 level for more than 1,800 individuals and organisations who have outsourced this complex requirement to the experts. ADCG provides professional consulting services to organisations seeking DISP accreditation, exploiting our significant subject matter expertise in this complex process

▶ CAPABILITIES

- Facilitation of Security Clearance applications to AGSVA
- Governance and management of security clearances at Baseline, NV1 and NV2 for individuals and organisations
- DISP Accreditation Consultancy to Industry
- Defence Industry consulting and contracting services from a vast network of security cleared consultants

▶ DISCRIMINATORS

- 12 x Security Officers who are Subject Matter Experts in the security clearance application process through AGSVA
- ‘Tricks-of-the-trade’ security clearance application processing
- Through-life security clearance aftercare and management
- Responsive, 7 days a week extended hours support
- Alliances with complementary Subject Matter Experts

▶ KEY CUSTOMERS

- Individuals looking for work in Defence and Government industry
- Businesses seeking DISP Accreditation
- Recruiting organisations
- Contracting organisations
- We support Amazon, Google, Salesforce, Rolls Royce and more than 150 SME/SMB in the Defence Supply Chain

▶ KEY MARKETS

- Australia-wide service
- International clients

▶ QUALITY APPROVALS

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



Current as at: 01 Aug 22

CUSTOMS AGENCY SERVICES GLOBAL LOGISTICS

AUSTRALIAN-BASED GLOBAL CONTROL TOWER

COMPANY OVERVIEW

- Founded in 1976, Customs Agency Services (CAS) are now one of Australia's largest International Freight Forwarding and Customs Brokerage Organisations.
- Just under 50% of revenue now comes from the Defence and Aerospace vertical.
- Turnover in excess of AUD 75 million per annum.
- Team of 40 highly qualified industry professionals in Adelaide.
- Recognised globally as Australia's leading Defence & Aerospace Logistics Provider.

AUSTRALIA'S SPECIALIST DEFENCE FORWARDER

CAS are currently supporting Primes and SME's in the following Defence sectors:

- Land
- Maritime
- Aerospace
- Space
- Firearms and Munitions
- Situational Awareness



COMPETITIVE DISCRIMINATORS

- Recognised globally as Australia's best logistics solution for Defence and Aerospace. Global footprint with partners in over 2000 locations globally.
- Pre-project costing and compliance advice.
- Recognised and approved by Washington & Canberra under the Defence Trade Controls Regulation 2013 - "Intermediate Consignee Approved".
- Over 45 years experience supporting Air, Land and Sea projects.
- 100% Australian and NZ owned and operated, maximising Australian Industry Capability (AIC).

CAPABILITY

Providing the following services globally:

- International Freight Forwarding
- Customs Clearance
- Domestic Freight Forwarding
- Global Logistics Consultancy
- ITAR & EAR Guidance
- Warehousing and Distribution

CERTIFICATIONS / ACCREDITATIONS

- DISP approval received November, 2020
- Defence, ITAR & EAR compliant. Dangerous Goods certified and Accredited Air Cargo Agent (AACA and IATA).
- The CAS Reconciliation Action Plan (RAP), launched in August 2019, is one of the very first logistics reconciliation action plans with the Australian Aboriginal and Torres Strait Island communities.
- Ranked 2nd with a 64% female workforce participation rate in Australia's Defence Company Sector by ADM magazine 2021.
- Awarded "Australia's International Freight Forwarder of the Year 2014, 2015 & 2020" by Lloyds of London's Australian subsidiary.
- Awarded "Customs Broker of the Year 2016 and finalist 2015" by Lloyds of London's Australian subsidiary.
- CAS were the first International Forwarder & Customs Broker to receive "Australian Trusted Trader" accreditation on 20th December 2016 (Similar to Europe's AEO).



For more information, contact:

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Daronmont Technologies

Creating Enduring Advantage

Capability Statement

Australian-owned systems integration SME Daronmont Technologies has been supporting the Australian Defence Force for more than 23 years, employing 110 staff and operating primarily in the Defence electronics sector integrating and supporting passive surveillance systems, command and control applications and deployable shelter systems for Australian and Allied export customers. Daronmont designs, delivers and supports hardware and software intensive systems and integrates these into both fixed and deployable solutions. Daronmont has a track record of successful export.

Capabilities

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

Key Customers

- CASG (JSD), DST Group, Army, Australian Border Force, AFP
- Defence Innovation Hub - Passive Radar
- Northrop Grumman - AIR6500
- Raytheon - Woomera remediation
- BAE Systems - JORN Ph 6
- SAAB - SEA 1180 ESM
- RNZN - Protector ESM remediation and MSC ESM
- Lockheed Martin Canada - AOPS ESM
- Kongsberg Defence Australia - LAND19 7B
- Indra Australia - Deployable ATC and Deployable C-IED (LAND154)

Key Partnerships

- SEA UK - SEA5000
- Ascent Vision Technologies/CACI - C-UAS
- Raytheon Solipsys

Discriminators

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

Membership

- Defence Teaming Centre
- Australian Defence Alliance
- Victorian Defence Alliances
- Association of Old Crows

Quality Accreditations and Awards

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

Contact Details

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Chief Executive Officer

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2/261 Schumacher Road
Wingfield SA 5013

Our Purpose

Creating resilient products
so you can go the distance.

Certifications



Company

A 100% Australian Owned and Controlled SME

An advanced industrial rubber product manufacturer with operations in Adelaide, Sydney and The Netherlands.

Solving complex problems in extreme condition environments and demanding applications through the development and creation of durable rubber extrusions, profiles and mouldings.

Serving Australian and international markets for over 55 years.



Capabilities

- Proven expertise in product design, material selection, compound development, prototyping, production, testing and compliance. In-house material scientist with a doctorate in rubber chemistry.
- Extrusion of general to high performance elastomers; from complex thin-walled profiles up to 300mm which is the largest profile capability in Australia.
- Unique materials to meet international standards on fire, smoke and toxicity resistance.
- Specialised fabrication, moulding and rubber to metal bonded parts.
- W&E Platt: 10-year contract ongoing to supply hatch pads and ballistic grade weapon ring mounts.



Key Customers



Partners



Discriminators

- Extensive history of delivering on major rolling stock (passenger train), construction, mining, defence and rail infrastructure projects.
- Australia's only dynamic extrusion facility. Providing the ability to vary internal and external profiles to strengthen products and create complex parts.
- Experienced exporter. Delivering long term value to global infrastructure projects for over 25 years.
- Strategic commitment to continued investment in new technologies, industry 4.0, material development and R&D to create next generation processes and materials.
- Collaborative partnerships with universities, businesses and State Governments to support new product development and commercialisation activities and local supply chains.



Margaret Graham Building, Lot Fourteen, Frome Road, Adelaide SA 5000
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Members receive market specific advice, training and facilitated introductions to defence related opportunities. Our objective is to create defence mature businesses in domestic and global markets.

Services

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

Quality Accreditations

- Defence Industry Security Program (DISP) accreditation

Prime Supporters



Discriminators

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

Key Partnerships

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

Gold Sponsors:



Silver Sponsors:



Bronze Supporters:





Company Overview

elmTEK is an Australian Defence Science and Technology (S&T) business. Established in 2012, the business comprises a multi-disciplinary team of engineers, physicists, mathematicians and support staff. The company continues to grow rapidly with our people collectively aligned in our mission to solve mission-critical problems at pace to protect and advance our national defence capabilities.

We have a strong science and technology pedigree in platform survivability, Electro-Magnetic Spectrum (EMS) technologies, Countermeasure Development & Validation (CMD&V) and Electro-Optic (EO) systems, with capabilities established across air, land and maritime domains. Our core capabilities are in Modelling, Simulation and Analysis (MS&A), Measurement and Test Systems (M&TS) and Sensor and Integration Technologies (S&IT), underpinned by our program management and systems engineering disciplines.



Capabilities

- Modelling, Simulation & Analysis
- Sensor & Integration Technologies
- Measurement and Test Systems

Core Competencies

Modelling, Simulation & Analysis

- Simulation enabled Test & Evaluation (T&E) and training systems
- Platform and mission survivability assessments (countermeasures, weapons, sensors and tactics)
- High fidelity Electro-Magnetic Spectrum (EMS), platform & weapon system modelling
- Laser hazard and safety analysis

Sensor & Integration Technologies

- Advanced Electro-Optic (EO) systems design, prototyping and evaluation
- Laser, LiDAR and single photon detection systems
- COTS and custom solutions for radiometric and imaging sensors
- Data distribution architectures including Generic Vehicle Architecture (GVA)

Measurement and Test Systems

- Precision sensors and test solutions for use in laboratory and deployed environments
- DT&E and OT&E of EO systems including field trial support: LWS, MWS, LiDAR, EO/IR threat simulators
- Distributed and integrated multi-modal and multi-spectral sensors
- Situation awareness technologies and human performance systems

General

- ASDEFCON Tier 1 and Tier 2 supplier to Defence and industry
- Integrated engineering processes incorporating scientific R&D principles
- Modelling enabled iterative system design
- Mechatronics workshop with adjacent systems integration laboratory

Certifications & Memberships

- ISO 9001:2015 accredited Quality Management System
- Defence Industry Security Program
- Defence Teaming Centre
- French-Australian Chamber of Commerce (FACCI)
- Submarine Institute of Australia
- Association of Old Crows (AOC)
- Australian Industry & Defence Network (AIDN)
- Simulation Australasia



Industry Standards

- Praxis Framework (Program Management)
- ISO 12207:2017 (Systems & Software)
- IPC /WHMA A-620C (Wiring Harness)
- AS/NZ IEC 60825 (Laser Safety)
- EMVA 1288 (Machine Vision)



Revolutionising the way we teach, learn & work.

Tom Pennington
Head of Enterprise and Government
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1300 833 765

Company & Capability Overview

Lumination is proudly Australian owned and operated. We are pioneers in the use of advanced immersive technology: Artificial Intelligence (AI), Virtual Reality (VR) and Augmented Reality (AR), that enhances sovereign capabilities.

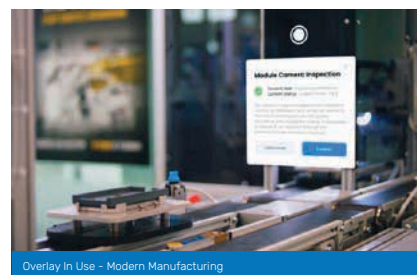
We create immersive solutions that reduce risk and solve complex training, integrations, logistics, humanitarian, manufacturing and mission critical challenges.

Competitive Discriminators

- Australian owned and operated.
- Uniquely skilled team of engineers, designers, developers, educators and trainers working with global clients.
- Risk-free simulation of high-risk, high-cost environments.
- Photo-realistic digital re-creations of real environments.
- End-to-end capability delivery with a combination of hardware (VR headsets, AI, robotics, AR and drone kits) with software and facilitators to teach trainers.
- Software management systems built in-house and onshore, aligned to unique production and management requirements.
- SaaS (Software as a Service) enabled.
- Future-proofed technology is integrated and enabled via the metaverse (virtual world).
- Strategic partnerships are collaborative with a no-risk, flexible and agile team.
- Safety and cybersecurity enabled on a project by project basis ensuring alignment with the highest security clearances.

Capability

- Pioneers in object recognition via Overlay, an AI-driven object recognition platform, blending the real and digital world; improving productivity, quality, capability and safety in operations equipment, supplies, manufacturing or engineering. Users train Overlay to recognise objects and then attach information, cues or calls to action specific to that object. The mobile application transforms safety and maintenance, quality control learning and training.
- Leaders in immersive training and learning via Lumination Learning Labs; state-of-the-art, multi-purpose immersive training facilities, to enhance training, learning, processes and procedures. The technology and space convert high-risk, high-cost environments into low-risk, low-cost virtual spaces.
- Leaders in purpose built immersive 3D (Virtual Reality) training environments, integrated with Artificial Intelligence for training, safety, design and simulation of certain and unpredictable environments.
- Experts in end-to-end development, delivery and support. From ideation and design to development, iteration and delivery, professional development, support and maintenance.
- Global expertise in hardware: Virtual Reality simulations, Augmented Reality education, Artificial Intelligence, robotics and drones.
- Software expertise in coding, designing and operating to develop simulations.
- Machine Learning and Artificial Intelligence expertise for adaptive training scenarios, which collates user behaviour to refine simulations.



Overlay in Use - Modern Manufacturing



Member Of

Our Partners



MINCHAM

Mincham's primary focus is to **Develop, Produce and Service** advanced light-weight solutions for the Defence, Aerospace and High-tech' industries. Our Niche is in our broad capabilities, as well as our flexible and agile approach to solutions for our customer; whilst maintaining the worlds highest standards (AS9100 & ISO-9001) in everything we do.

Fabrication and engineering capabilities, including but not limited to:

- Composites
- Sheet Metal
- Welding
- CNC Machining
- Prototyping
- Aeromedical Devices
- Engineering Consulting & Design
- Painting
- UAV Platforms
- Aerial Delivery Systems
- R&D Facilities
- 3D Printing
- DISP Secure Zones
- Large Auto-Claves
- Engineering Analysis
- Project Management
- CMM Inspection



Visit our website to see our detailed Capability Statement, Accreditations, Certificates and more.

www.mincham.com.au

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Research & Development

As a company that draws upon its brilliant people, integrity, excellence & dedication; our collaborative spirit fosters a relative, responsive and agile approach to pioneering for our customers.

We are focusing on rapidly growing our research and engineering teams with a diverse group of young and passionate people to fuel the future of our company.

Operational Systems

OpSys Cyber Security and IT Managed Services

About OpSys

Operational Systems ('OpSys') is an Australian owned managed IT and cyber security service provider. Headquartered in South Australia, OpSys prides itself on its exceptional level of tailored service and care, with a dedicated team of local ICT professionals that are within reach around the clock. OpSys has an impressive array of modern IT infrastructure including its own data centre. Organisations ranging in size from 5 to 25,000 employees trust OpSys as their first line of defence against cyber-attacks, with 24/7x365 security coverage through its local Security Operations Centre. OpSys prioritises building relationships with its clients, fostering communication to better understand and service the client's specific needs.

Why OpSys?

- OpSys focuses on building relationships with clients, to foster increased communication and swifter results.
- Our flexible billing model is simple and clear, with customisable packages to suit any business' needs.
- We can work alongside an existing IT support entity where it exists or perform that role if it does not exist.
- Enterprise Managed Security Service product set for SME market with Security Operation Centre located in Adelaide.
- 24 x 7 x 365 Sovereign Capability.

OpSys Offerings

- 24/7 x 365 Monitoring
- Cyber Threat Hunting
- Incident Response and Triage
- Real-Time Alerting
- Whitelisting
- Auditing
- Sovereign Capability
- Cloud Hosting
- IT Managed Services Strategic Consulting
- Risk Assessment
- Cyber Policy Development and Implementation Support

Industries

- Defence
- Federal/State Government
- Not-for-Profit
- Banking and Finance
- Health
- Mining and Utilities
- Aged Care
- Local Government
- Education
- Legal

In association with



www.opsys.com.au

Contact

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 Email: sush.prakash@opsys.com.au

83 Sturt Street
 Adelaide, SA 5000
 Australia



Operational Systems - Cyber Security and IT Services

PARA BELLUM SOLUTIONS



HELPING YOUR BUSINESS TO GROW IN THE DEFENCE, SECURITY & SPACE INDUSTRIES

GLOBAL MANAGEMENT CONSULTING | RECRUITMENT | BUSINESS DEVELOPMENT

HOW WE CAN HELP

Management Consulting

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

Recruitment

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

Business Development as a Service (BDaaS)

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

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

BENEFITS

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

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

Global consultancy experience in the Defence, Security and Space sector.

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

Value for money through flexible procurement options.

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



VALUED CLIENTS

MEMBER

PARTNERSHIPS



Company Profile

PRP Manufacturing is the leader in providing custom engineered solutions using advanced flatbed CNC cutting technology.

Accomplishments

- Awarded contract to supply gaskets to BAE Maritime for Hunter Class Frigate Program
- Extensive quality experience with key defence partners
- Internal policies encapsulating OH&S, security, employee conduct & continuity
- Production certified in lean six sigma
- SADI, CDIC and DCG grant recipient
- Members of DTC, AIDN, ICN

Company Discriminators

CULTURE & VISION

A long-term strategic direction underpinned by innovative and progressive company values.

SUPPLY CHAIN STRENGTH

Trusted long-standing supply chain with full accountability for all products and materials.

PERFORMANCE & QUALITY

Ongoing monitoring, controlling, and improving of production related metrics.

Product Discriminators

CAPABILITY

CNC computer cutting

Gaskets & seals

Protective hard case & foam inserts

Custom packaging solutions

Advanced foams & insulation

DISCRIMINATORS

Waterjet, laser, router, knife and die press technology

Rubber, sponge, cork, fiber and metallic varieties

Pelican, Nanuk & Max hard cases. FRAS and FDA foam varieties

Unique storage solutions with foam, divider, and other options

Class-leading properties for a wide range of applications

CUSTOMER



Partners & customers



Luke Sernecki
PRP Manufacturing
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W: prp.company



QMS NDT & NACE

Crystal Kennedy: **Business Development Manager**

Head Office 579 Mersey Rd North, Osborne SA 5017 | Regional Whyalla | Roxby Downs
1300 767 638 | 0499 868 044 | info@qmsndt.com.au | www.qmsndt.com.au

QMS NDT & NACE is a 100% Australian owned full service inspection and asset integrity specialist.

We have over 10 years experience supporting large defence prime projects. Our work is completed to the highest standard across defence, mining, infrastructure, oil and gas, and energy.



Key Partners:



Key Customers

- ASC North
- ASC Shipbuilder (OPVs)
- Ferretti International
- Luerssen Australia
- BHP
- Oz Minerals
- MacTaggart Scott
- Ezy-Fit Engineering
- Flinders Logistics
- One Rail

Key Markets

- Defence - Maritime and Land
- Mining
- Oil and Gas
- Infrastructure
- Energy

Capabilities

Non-Destructive Testing

- Radiography
- Magnetic particle inspection
- Dye penetrant inspection
- Ultrasonic weld and thickness testing
- Eddy current testing
- Automated ultrasonic thickness testing
- Corrosion mapping
- Phased array ultrasonic testing

Inspection

- NACE coating inspection
- In service pressure vessel inspection (AICIP)

Blast and Paint

- Parts blast and paint
- Cerakote industrial ceramic coating
- Vapour Honing

Discriminators

Our technicians are multi-skilled offering schedule and cost efficiencies to clients.

We offer a 'one-stop' asset integrity service from inspection remediation, quality control and reporting through to client approval.

We have 100% on time completion of projects, saving our clients many hours compared to our competitors. We are a trusted defence supplier providing NDT and inspection services on Collins Class submarines since 2012 and OPVs since 2019.

Accreditation

- ISO 9001:2015
- ISO 45001:2015
- ISO 14001:2015
- ISO/IEC 17025 (NATA)



REDARC DEFENCE & SPACE



YOUR PARTNERS IN DEFENCE ELECTRONICS.

REDARC Electronics has more than 40 years' experience in the research, design, development and manufacture of electronic systems.

CAPABILITIES.

- Immediate supply of existing robust products in high and low volumes
- Auxiliary battery charging and monitoring (HUMS) solutions
- Design of defence and automotive OEM-grade electronic equipment
- Advanced printed circuit board and electronic module manufacture in a modern, quality controlled, lean manufacturing environment
- Full life cycle electronics systems cradle to grave capability

KEY EXPORTS.

- U.S General Services Administration (gsa.gov)
- Singapore
- Middle East
- United Kingdom
- Greece

REDARC.COM.AU/DEFENCE

DISCRIMINATORS.

- 20% growth YoY
- Over 40 years in business
- Well embedded quality focus, practices, standards and metrics
- Proven track record of 'Delivery in Full On Time' to Global OEMs
- 15% annual reinvestment in R&D
- Lean and continuous improvement embedded across the business

PRODUCTS.

- Heavy vehicle and emergency services electronics (vetronics)
- In-vehicle continuous battery chargers (radio batteries, C41, etc)
- Ruggedised DC-DC voltage conversion to provide safe, regulated, dedicated power buses (mixed 24V/12V systems, crew power, sockets, dedicated equipment, radio power)
- Controller Area Network (CAN-BUS) products (sensor to CAN, CAN bridge, SAE-J1939)
- AC-DC charging systems
- Vehicle battery Health and Usage Monitoring Systems (HUMS)
- High fidelity thermal threat emulators

ACCREDITATIONS AND AWARDS.

- ISO 9001 Certified and ISO 14001 Certified
- Defence Teaming Centre Collaboration Award 2019

SERVICES

- In house design to manufacture - Concept through to mature product solution
- Sustainment re-engineering of complex electronics
- Test and Validation capabilities including EMC, EMI, Vibration, Shock and Environmental.

CONTACT.

Mike Hartas, General Manager Sales - Defence
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CUSTOMERS



MEMBERSHIPS



E-LifePod

“Hospital-to-Patient” Personnel Transportation Pod



Technology overview:

Challenge: Extraction of unwell or injured personnel from hostile and austere environments where urgent clinical assessment, diagnoses and treatment is not possible because of traditional “Patient-to-Hospital” model.

Solution: SABRN’s E-LifePod Personnel Transportation Pod creates a “Hospital-to-Patient” model which will save lives by supporting an on-board Medic with several key capabilities.

Operational and Performance Capabilities:

- On-board two-way communication systems with Medical and Surgical teams using AR capability for clinical support.
- Diagnostic and monitoring capabilities including ultrasound and XR.
- On-board therapeutic capabilities including respiratory and cardiovascular support.
- Remote-control and/or autonomous navigation and transportation systems to expedite patient extraction.
- Long-term (years) energy capability without requiring recharging.
- State-of-the-art air purification systems.

Contact

Dr Abhilash (Abe) Chandra

BSc, MSc, MBBS/PhD, FRACS (Vasc/Gen), MBA, MAICD
 Founder & Managing Director of SABRN Tech Pty Ltd

Email: abe.chandra@sabrntech.com
 Phone: +61 4341 44614

Collaborations



CMMC REGISTERED PRACTITIONER

ISO 27001 LEAD IMPLEMENTER

SOVEREIGN ICT & CYBER CAPABILITY

Improving and safeguarding Australian business through digital and technological enablement.

Contact Ben Hodge or Luke Smith
info@securestate.com.au



ADVISE

- Security Framework Gap Analysis
- Risk Management
- Governance
- Cyber Strategy
- Penetration Testing
- Vulnerability Assessments

MICRO-X™



INNOVATE

- Bespoke High-Density Micro Data Center
- Short/Long Term Data Protection
- Immutable, Ransomware Proof
- Off-Site/Cold Backup
- Commercial, Sensitive, Classified
- Vendor Agnostic

SUSTAIN

- Security Framework Implementations
- Security Operations (Center)
- Virtual CISO/SO
- ICT Helpdesk
- Server/Network Maintenance
- Digital Forensics & Incident Response
- Security Awareness Training



securestate.com.au



Sydney

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Lane Cove, NSW, 2066

Adelaide

Level 30,
91 King William St,
Adelaide, SA, 5000

Hobart

Level 6,
111 Macquarie St,
Hobart, TAS, 7000

► **SUMMARY**

SoftWire Systems specialises in developing customised test and automation equipment, providing a turnkey solution that integrates electrical, mechanical, electronics and software components. This includes prototype systems for process development as well as production stations for manufacturing, with a strong emphasis on data collection.

SoftWire Systems is also able to offer integration with BEMES, our core platform for securely capturing data from shop floor equipment. Our valued clients benefit through having a single point of contact for integration of equipment and data infrastructure.

Our systems integrators primarily use the National Instruments suite of products (LabVIEW, TestStand, PXI, Compact RIO, Ettus SDR), and we have been recognised as an NI Silver Alliance Partner for our expertise with these tools. We complement this with a skilled team of mechatronics engineers with robotics, control systems and embedded development experience, to deliver quality solutions to meet the diverse needs of our clients.

► **CAPABILITIES**

- Test and Automation
- Vision Systems
- Prototyping
- Production Equipment
- Data Management
- Vibration Profiling
- Consulting



► **PRODUCTS**

• **Aquila Vibration Profiling Tool**

Aquila is a software package that has been created by SoftWire Systems to provide engineers with the tools to develop vibration profiles using measured acceleration data aggregated in the time domain.

Vibration professionals use Aquila to simplify test planning and reduce false failures from over-testing.

• **SWA Production Stations**

The SWA machine platform provides easy integration of manufacturing processes into production ready equipment.

The SWA series come standard with in-line conveyance, motion, vision and safety systems for high volume throughput.

• **BEMES Data Management Platform**

BEMES bridges the gap between production line and business applications, providing a complete and detailed picture of all manufacturing operations.

► **DISCRIMINATORS**

- Largest team of certified NI Professionals in Australia
- Track record of delivering manufacturing solutions to production lines in Europe, North America, Asia and Australia
- Capability and facilities to design and build turnkey solutions covering electrical, mechanical and software engineering disciplines
- Capability to build production equipment and provide frictionless integration with customised data management tools (MES)

► **PARTNERS AND CUSTOMERS**



www.softwiresystems.com

info@softwiresystems.com

1300 49 50 20

08 8347 0603

www.tqcsi.com

info@tqcsi.com

100%
AUSTRALIAN OWNED



VETERAN OWNED

TQCSI

AUSTRALIA'S DEFENCE CERTIFICATION BODY

CAPABILITIES

TQCSI is the only Certification Body in Australia to offer the highest Quality Standards:

- ✓ AS 9100-series (Quality Management System for Aviation, Space and Defence)

TQCSI is the largest JAS-ANZ Accredited Certification Body in the world, specialising in:

- ✓ ISO 9001 (Quality)
- ✓ ISO 14001 (Environmental)
- ✓ ISO 55001 (Asset Management)
- ✓ ISO 45001 (Safety)
- ✓ ISO 27001 (Information Security)
- ✓ ISO 44001 (Collaborative Work Relationships)

OUR PARTNERS



OUR CLIENTS



COMPETITIVE DISCRIMINATORS

- ✓ **100% AUSTRALIAN OWNED** – with auditors represented across all states and territories.
- ✓ **INTEGRATED AUDITS** – TQCSI can integrate audits for safety, quality, environmental and other key standards, reducing audit duration and cost.
- ✓ **AS 9100-SERIES** – TQCSI is the only Certification Body in Australia to offer the AS 9100-series for Aviation, Space & Defence.
- ✓ **UNIQUE** – TQCSI is the only Certification Body in Australia to be Supply Nation Certified; offering auditing services via TQCSI-Yaran.
- ✓ **QUALITY** – TQCSI has highly trained and experienced auditors with Australian security clearances.
- ✓ **GLOBAL** – with over 10,000 certifications in 40+ countries.



117A Tapleys Hill Road, Hendon, SA, 5014, Australia

christine.macdonald@tqcsi.com
Ph: 0499 898 528

Christine MacDonald
Growth & Marketing Manager



PRODUCTS

- > New Hydraulic & Pneumatic Cylinders
- > Hydraulic & Pneumatic Cylinder Repairs
- > Hydraulic Testing
- > Hydraulic Fittings, Valves & Piping
- > Precision Machining
- > 3D design and CAD/CAM
- > Down-hole Products
- > Down-hole Thread Repairs
- > Pipe Nipples, Conswage, Eccentric Swages
- > Spade, Spec Blind & Ring Spacers
- > Orifice Plates
- > Bleed Rings
- > Rollers
- > Consultation On & Off Site
- > Research & Development
- > Client-specific Parts/Items
- > Exclusive Supplier of All Products Listed in the Belleville Range

CAPABILITIES

- > Machining Services — CNC Machines, Centre Lathes, Drilling, Milling, Key Cutting, High & Low Volume & Large Capacity Turning
- > Fitting Services — In-house Cylinder Building, In-house Cylinder Testing, On-Site Fitting Service, Valve Assembly & Pipe Bending
- > Welding — Light Fabrication
- > Nut/Joint Torqueing up to 60,000 ft./lb.
- > In-house CAD/CAM Design & Drafting
- > Land Storage Solutions
- > Research & Development

DIFFERENTIATOR

- > Quick lead times averaging 7-10 business days
- > Exclusive distributor and agent for Belleville International, Australia-wide
- > Patented global technology
- > End-to-end engineering capability

KEY SERVICES & PRODUCTS

- Australian Defence Force**
- > Radar System Components
 - > Body Armor Components
 - > Destroyer Project
 - > Hunter Class Project
 - > Future submarines
 - > Space Rocket Components
 - > Design
 - > Bespoke Manufacturing
 - > Maintenance Program of Collin Class
 - > Moulds for Composite Manufacturing

KEY PARTNERS



HEADQUARTERS

18 Playford Crescent, Salisbury North, South Australia, 5108

STORAGE FACILITY

368-378 Diment Road, Burton, South Australia, 5110

CHIEF EXECUTIVE OFFICER

Stephen Moss
stephen@trymossengineering.com.au

QUALITY STANDARDS

ISO 9001:2015



www.unisa.edu.au/defence

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As Australia's University of Enterprise for Defence, we translate the knowledge generated by our research into real world outcomes.

UniSA is involved with many innovative defence-related projects and provides an extensive range of key defence related degree programs



▶ CAPABILITIES

- Autonomous systems
- Systems Engineering
- Cognitive Neuroscience
- Cyber Security
- Human-Centred Design
- Human System Integration
- Telecommunications & Signal Processing
- Wearable & Empathetic Computing
- Australian Research Centre for Interactive and Virtual Environments (IVE)
- Behaviour-Brain-Body Research Centre (BBB)
- Industry 4.0 Testlab
- Industrial AI Research Centre
- Future Industries Institute (FII)
- Laser Physics and Photonics Devices Laboratories (LPPDL)

▶ DISCRIMINATORS

- Innovative framework of engagement based on student placements, graduate recruitment, staff mobility, training, scholarships, PhD supervision, consulting, collaborative projects, R&D, commercialisation and joint Chair appointments.
- Defence related programs: Defence Systems Integration, Industrial Design, Data Analytics, Cybersecurity, Complex Project Management, Computer Networking, Data Management System Integration, Leadership and Management Development and Executive Education.

▶ INDUSTRY PARTNERSHIPS

- Collaboration with industry Primes and SMEs:
- Airbus
 - ASC
 - Babcock
 - BAE Systems
 - Boeing
 - Lockheed Martin
 - Nova Systems
 - Raytheon
 - Rheinmetall
 - Saab
 - Accenture
 - Acacia Systems
 - DEWC
 - Electro Optic Systems
 - Fleet Space
 - Lumination
 - Sage Automation
 - Silentium Defence
 - Solinnov













▶ KEY PARTNERS


- Department of Defence
 - Defence Science and Technology Group
 - Defence Innovation Partnership
 - Defence Teaming Centre
- Collaboration with international universities including:
- University College London (UK)
 - IMT Atlantique (France)
 - Chalmers University (Sweden)
 - Carnegie Mellon University (USA)

▶ QUALITY AWARDS & CERTIFICATIONS

- Defence Industry Security Program (DISP) Member
- # 1 in Australia for Industry Income¹
- 100% of assessed research at or above world-class²
- #1 in Australia for Research Impact and Engagement³
- Top rating in Australia for Engineering Research²
- One of the World's Top Young Universities⁴


(1) 20-21 Public SA-founded universities
 (2) 2018 Excellence in Research for Australia (ERA)
 (3) 2018 ARC Engagement and Impact Assessment (E)
 (4) Ranked #29, 2021 QS Top 50 Universities Aged Under 50, Ranked #46, 2022 THE Young University Rankings

   	
<p>OUR CAPABILITIES AND SERVICES Beachhead is Australia's only dedicated Logistics Over the Shore (LOTS) service provider – unlocking the Australian coastline for standard cargo up to complex large and mega projects.</p> <p>Our experienced project team provides solutions for the Conventional Energy, Construction, Military, renewables and Mining industries as well as the operation of temporary ports and disaster support.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Marine Vessel Operations</div> <div style="text-align: center;"> Temp Port Terminal ops</div> <div style="text-align: center;"> Heavy Haulage</div> <div style="text-align: center;"> Marine heavy lift</div> <div style="text-align: center;"> Temp Port Infra and Equip</div> <div style="text-align: center;"> Project Logistics</div> </div>	<p>ALLIANCE PARTNERS</p> <ul style="list-style-type: none"> • Blue Water Shipping • Bhagwan Marine <p>SERVICE PROVIDERS-Sample</p> <ul style="list-style-type: none"> • BGE • MEO <p>CUSTOMERS-Sample</p> <ul style="list-style-type: none"> • Kimberley Technology Solutions • Technip Energies • Clough • MITSUI
<p>DISCRIMINATORS</p> <ul style="list-style-type: none"> • Veteran and Aust owned • Logistics Over the Shore -Army and Logistics Industry experience. • Alliance partners best in class as marine and project Logistics operators. • Innovation basis- the adoption of new technology and practices for shallow water logistics operations. • End to End Logistics solutions • Alliance capital equipment incl vessels and MHE. • Low CAPEX. /OPEX solutions. • Seamless interface with Military operations and Logistics • Multi-industry approach (capability and cost-sharing). 	<p>CERTIFICATIONS AND ACCREDITATIONS</p> <ul style="list-style-type: none"> • ISO 9001, 14001, 45001, OHSAS 18001 <div style="display: flex;">   </div>
<p>BEACHHEAD LOGISTICS PTY LTD PO BOX 2142 MARMION WA 6020 0477799236 www.beachhead.com.au</p>	<p>Jarod Monaghan Principal 0477799236 jarod.monaghan@culminationpoint.com.au</p>



SHOCK ABSORBERS | SPRINGS | BRAKES | STEERING | ALIGNMENT

Pedders Defence is focused on providing high quality Australian designed and manufactured bespoke solutions for any vehicle that deliver the highest levels of safety and performance.



PRODUCT

- Shock absorbers
- Coil & leaf springs
- Brake pads and rotors
- Drum to disc conversions
- GVM upgrade kits
- Chassis Parts
- Alignment Parts
- Suspension Bushes
- Steering Parts
- Remote Vehicle Load Monitoring
- HUMS System

KEY MARKETS

- Defence
- Oil & Gas Sector
- International Military & Defense
- OEM Vehicle Manufacturers
- Chassis Manufacturers
- Law Enforcement
- Emergency Services
- Infrastructure Sector

KEY PARTNERS

- AAAA
- Automobility
- Caravan Industry
- Franchise Council
- NHTSA
- NRSPP
- Redarc
- RMA
- SupaShock
- Supercars
- TUV
- VW Commercial Vehicles

CAPABILITIES

- Private label brands design and manufacture of undercar parts - shock absorbers, coil and leaf springs, brake pads and rotors, rear drum to disc brake kits, GVM suspension upgrade kits, 4X4 suspension kits.
- Modest MOQ built to order
- R & D assistance our speciality
- Wide range of options available
- 3D Scanning Capability
- In house product development
- CAD Design Capability
- CAE: FEA / CFD / Multi Body Simulation
- Australian Manufacturing Capabilities

QUALITY STANDARDS AND OTHER ACCREDITATIONS

- Coil Spring manufacture to ISO9001 standard
- TUV approval on selected products
- PPAP approval by OE supplier
- OE and aftermarket manufacturer
- Federal Government Second Stage Manufacturer

DISCRIMINATORS

- Design & manufacture: We build to order
- Research and Development: In house design and development department
- Export: Export experience
- Quality: Manufacture to the highest quality standards
- Experience: Established since 1950
- Robust International Supply Chain
- Meet Defence / Safety / Quality Standards
- From Proof of Concept To Delivery
- Integrated Brakes & Suspension Solutions Provider

CONTACT/ADDRESS DETAILS

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TREETI

BUSINESS CONSULTING



Success starts with Treeti!

We do the DO, so you don't have to!

Treeti are the go-to integrators when it comes to strategic business implementation. We specialise in:

- Leadership management
- Growth strategy
- Digital solutions
- Marketing
- HR
- Global recruitment migration
- Industrial relations
- Governance
- Export advisory
- Tender and grant writing

Key industry experience

From Defence, manufacturing, trades & construction, mining, oil and gas, security and large corporations - we work with a wide range of organisations to plug the gaps that save time and make money!

Recent projects include:

- RDA Mid North Coast (NSW) - Right Fit For Risk milestone 3 completion
- Neptune Holding Group (NT) - HR management system, organisation structure & compliance, tender response suite, website build & e-Commerce, web based form integration
- NTEX (NT) ISO audit and certification ready for 9001, 14001, 45001
- Lok Iwarrukba Contracting (NT) Defence Tender Ready

We DO it for you

- We're leaders in strategic implementation. This means that we not only provide structured solutions, but also have a highly qualified team of experts who can implement on strategy
- Your problem is solved by a specialist. If it requires collaboration from a variety of experts, we collaborate to solve it.
- Winners of the Northern Territory Awards for Digital Excellence and the 2019 Northern Territory ICT Business of the Year
- Australian owned but with global partners and programs, our reach and impact is widespread.

Treeti is a preferred supplier

Large organisations trust us to deliver and get results. Our approved partnerships include:

- Approved Provider for NT Government Capability & Leadership Framework for Leadership and Management Training across NT Public Sector
- Approved Suppliers of the Australian Government Digital Marketplace
- Approved Suppliers for the NT Government Business Growth Programs and Business Pivot Grant
- Ventia approved supplier

Treeti Business Consulting
 Level 1, Building 3, Darwin Corporate Park,
 631 Stuart Hwy, Berrimah NT 0828
 08 8976 1788
 treeti.com.au

Megan Holzfeind
 General Manager
 megan@treeti.com.au

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Babcock Applies Programmatic Lens to Achieve Innovation and Efficiency for Land 125-4



It is a trade-off as old as warfare itself: how much equipment can a soldier carry to ensure their lethality and survivability without compromising mobility and endurance?

It's a challenge Babcock Australasia is addressing with its solution as a candidate Industry Partner to the Commonwealth for the Land125 Phase 4 (Land 125-4) Integrated Soldier System (ISS) program.

The ISS will incorporate all elements and subsystems that are used, worn or carried by soldiers in any operational context or environment for up to 72 hours without resupply. In the future, this will also include Robotic and Autonomous Platforms including un-crewed ground and aerial systems and selflearning machines.

"The Australian Soldier operates in a complex and dynamic environment. To remain capable and effective, they need an Industry Partner that can do more than just deliver new technology," said Craig Schwartz, Babcock's Head of Customer Solutions (Defence & Security).

"The Industry Partner must work with and within Defence to ensure the Integrated Soldier System is not only capable in its own right but is also complementary with the systems and platforms it will operate with," he said.

"Accordingly, our solution takes a holistic view of systems and technologies, considering not only their capability, interoperability, and total cost of ownership, but also their risk to the long-term health and wellbeing of the soldiers that will carry and operate them."

"We have left no stone unturned in the search for innovation and efficiency to deliver better outcomes for Army, its Soldiers, and the taxpayer. From first equipment issue to follow-on specialist training, exercises and operations, to discharge from service and disposal."

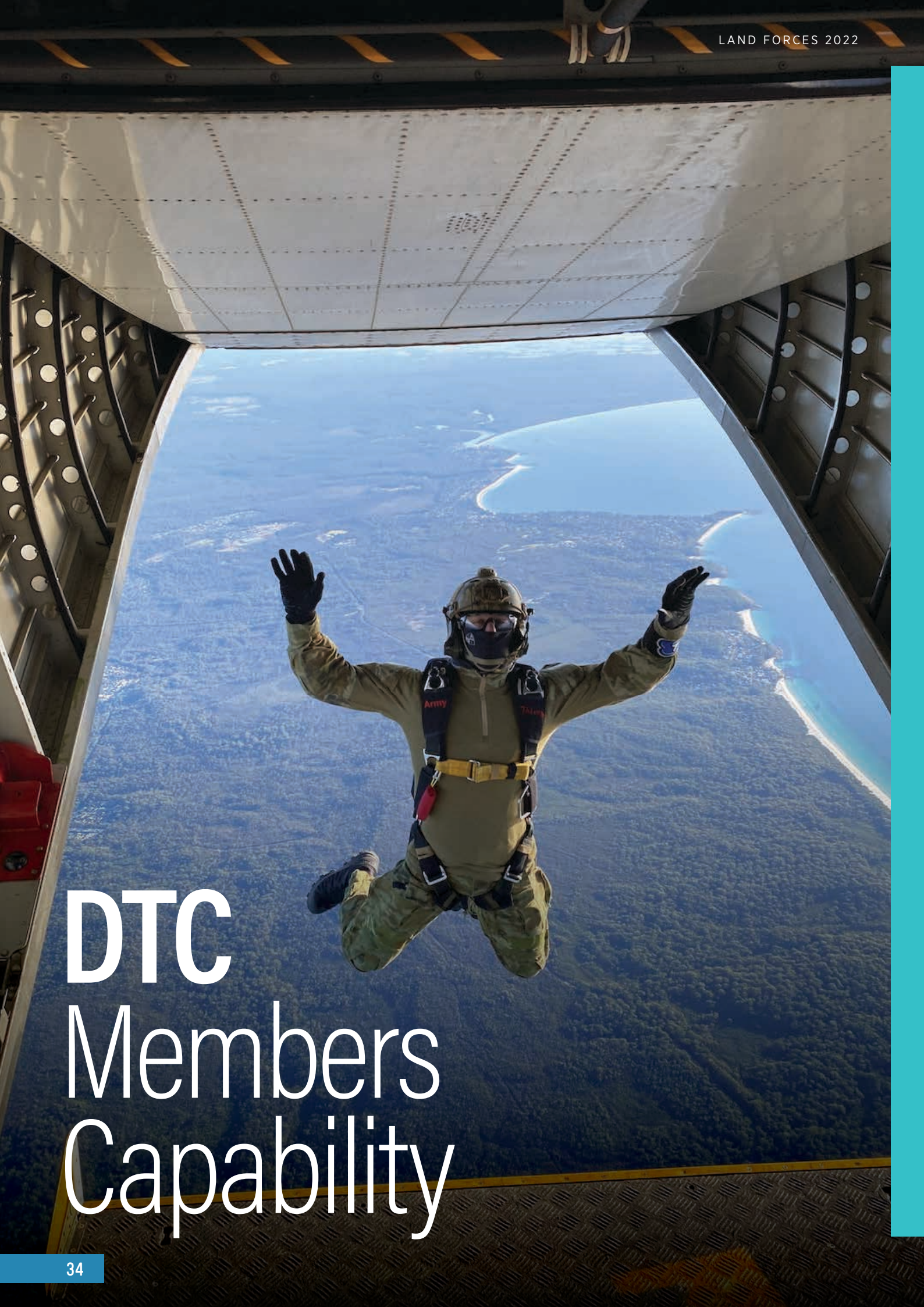
Schwartz said Babcock was taking a programmatic approach to Land 125-4, bringing together Defence, Industry and Commonwealth stakeholders in an inclusive, collaborative approach to delivering future capability for the Australian Soldier.

"A key tenet of our approach includes engaging with adjacent programs to understand their needs and requirements – working collaboratively to manage integration risk and unlock opportunity that otherwise could not be realised.

"The net result is what we call 'best for soldier'. A better outcome for Defence than two 'best for project' decisions made in isolation. This is the programmatic approach. This is what we will deliver."

"As the only candidate Land 125-4 Industry Partner that does not manufacture their own soldier system product, we are well placed to collaborate across the Dismounted Combatant Program and beyond, to ensure future systems provide greater capability than the sum of their parts."

"Organisations know that structure drives behaviour. Our approach to Land 125-4 centres on an operating model that attracts innovation, rewards collaboration and avoids creating risk of commercial and intellectual property (IP) friction. Our focus is simply playing to our strengths," said Schwartz.



DTC Members Capability



www.archtis.com

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TRUSTED TO SAFEGUARD THE WORLD'S MOST SENSITIVE INFORMATION

archTIS is an Australian public technology company (ASX: AR9) that specialises in software for the secure, compartmentalised sharing of sensitive and classified data.

Established in 2006, archTIS is proud to deliver innovative, sovereign technology solutions to support the Defence Industry. archTIS solves the Defence Industry's unique information security challenges with highly secure, accredited sensitive and classified information access and sharing solutions to safeguard Defence and supply chain collaboration worldwide.

CAPABILITIES

- Secure collaboration software for Defence Industry information sharing between Defence Industry Primes and their supply chain.
- Granular policy-based Attribute Based Access Control (ABAC) for files and data based on users clearance, nationality and organisation and an individual files meta data, including classification and releasability.
- Kojensi** - Secure compartmentalised information sharing and document collaboration platform.
 - Control access, sharing and collaboration of sensitive/classified information in cloud, on-premises and deployed environments.
 - Accredited by Australian Government at PROTECTED.
 - Accreditable to hold up to TOP SECRET.
- NC Protect** - Find, classify and secure sensitive data on-premises, in the cloud and in hybrid environments.
 - Enhanced information protection for file access and sharing, messaging and emailing of sensitive and classified content.
 - Available for Microsoft 365 (SharePoint Online/on-premises, Teams, OneDrive, Exchange, Yammer), Dropbox, Nutanix Files and Windows file shares.

DISCRIMINATORS

- Only Australian platform accredited by government for compartmentalised sharing of information, up to PROTECTED, between Government and Industry.
- Provides secure information sharing and collaboration out of the box to immediately increase compliance and cyber resiliency—cost effectively and with less resources.
- Only Australian company engaged with NATO on Data Centric Security, sponsored by Defence.
- Platform accredited up to TOP SECRET/SCI by ASD and NSA.
- Architected to support secure Cross/Multi-Domain, and Federated Information and Data Sharing.
- Global security classification and clearances support, including Five Eyes and NATO.
- Aids in compliance with information security requirements for global regulations including ITARS, CMMC, DISP, and DEC.



KEY INDUSTRIES & USE CASES



KEY CLIENTS



KEY PARTNERS



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ACCREDITATIONS

Arkidelo Defence has commenced the implementation of the ISO9001 Management System due for completion and accreditation by Dec 2022. Arkidelo ensures all suppliers have the minimum requirement of ISO9001 accreditation

SERVICING SECTORS

- Defence
- Automotive
- Office Equipment
- Agriculture
- Aquaculture
- Prototyping
- Manufacturing
- Medical
- Electronics
- Pet Industry

ARKIDELO is a proud South Australian Company with a diverse global supply chain allowing us to supply products in any material using any manufacturing process.

We have spent over 20 years seeking and validating new suppliers with the quality and capability to meet our customer's expectations.

We help guide customers through the complex product development process, from concept to manufacture.

We can help take the pain out of finding a reliable and responsive supply chain by using our extensive collaborative supply base.



Manufacturing Services – www.arkidelo.com

CAPABILITIES

- Procurement services of manufacture to print
- Prototypes in prescriptive materials – plastics, metals, aluminum, rubbers, and silicone
- Production manufacturing in plastics, metals, and rubbers
- Processes including injection molding, aluminum extrusion, aluminum die-casting, compression molding of rubbers and LSR molding of silicone
- Prototype and production tooling for plastics, metals and rubbers
- Laser engraving and digital printing on metals and plastics
- Assembly processes
- Packaging solutions
- CNC machining
- Silicon tooling
- Silicone, plastic and metal parts
- Compression molding
- Vacuum forming
- Production part supply
- Metal replacement



Arrow Electronics Australia Pty Ltd – ABN: 75 065 151

COMPANY / CAPABILITY OVERVIEW

Arrow Electronics is an American Fortune 500 company headquartered in Centennial, Colorado. Arrow specializes in the distribution and value-added services relating to high-reliability mission critical Mil-Spec electronic components, sensors, semiconductor, PEMCO, specialized cabling, connectors and harnessing solutions from the 965+ world's most recognized global electronic component manufacturers.

Arrow Electronics services 295 Sales Office with 41 Distribution Centers in 90 Countries with thousands of Aerospace, Defence, Maritime, Space, customers as Prime/Sub Prime Contractors / SMEs and Design Engineers globally. Arrow is ranked No. 109 in 2019 Fortune 500 list of the largest USA corporations by total revenue.

Arrow Electronics Australia Pty Ltd is an industry-leading specialized electronic components distributor with defence grade supply channel processes. Arrow provides access to industry leading FAE/FSE Engineers & Solution Specialist, with access to Global Mfg component engineers and strategic Mil-SPEC/PRF grade resources to address the critical functions and requirements in your demanding electronic component applications. Arrow services the ANZ market, taking your business to the next level.



CAPABILITY:

- Specialized Defence Grade Electronics Distributor with Certified Supply Chain Services
- Authorized Certified Franchise Distributor to >965+ Global OEM Mfg / Suppliers
- Cable & Harnessing Solutions and Assembly - Mil-Spec/Perf – Fibre Optics, Comms Cabling, – Incl. Marine BFOU/RFOU/DNLV-GL Lloyds Certified Cabling,
- PEMCO- Mil-Spec Passive Electromechanical Connectors, Fiber Optic & Circular Connectors
- Certified Solutions - Rad-Tolerant AVR® and ARM® Microcontrollers / FPGA's, Radar, Sonar, RF-Microwave/Radar, Piezoelectric Accelerometer, and Communication solutions
- Mission Critical Flight Components, UAV, Precision GTC - Geo Targeting Components
- Advanced systems & mission critical electronic components
- Board Level Components, PCB & Embedded Solutions

ANZ – ADM&S Industry Lead

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Web Address www.arrow.com
Email Address: DefenceANZ@arrow.com
Web: www.fiveyearsout.com/viaerospace-and-Defence

COMPETITIVE DISCRIMINATORS

- Arrow provides Local ANZ - FAE / FSE - Engineering support with access to 18 x FAE/FSE Engineer resources with approx. 128 years of total experience with Avg Arrow tenure is 12.7 years).
- Arrow supply chain programs such as:
 - VMI – Vendor Managed Inventory
 - IPS and Buffer Inventory
 - ASA - Arrow Supply Assurance SM
 - ECCN (Export Control Classification Number) –MGMT
 - Component Modification Services
- ITAR - IMPORT/EXPORT Compliant

CERTIFICATIONS / ACCREDITATIONS

Arrow Electronics maintains a variety of regional certifications such as:

- ISO 9001-2015 – Quality Assurance - Certified Warehouses - Melbourne & New Zealand
- AS9120B - QMS- Quality Managements Sys.
- SAE/G19 Defence & Aerospace Standards - Counterfeit Electronic - Counterfeit Electronic Parts (Certified - AS5553:2014 / AS6496:2014 / AS6174:2014 / AS6171A:2018) **Arrow is focused on protecting your supply chain against counterfeit electronic products...**
- JESD 31/31D- Compliant as a stocking distributor that supply Hi-Rel Electronic Components for ADM&S and Commercial Industries
- JEDEC 13 - standardizing quality and reliability for solid-state electronics
- QSLD-certified through DLA Land & Maritime (DSCC)
- ECIA - Electronic Components Industry Association

PARTNERS

➢ Franchised Distributors to 965+ Suppliers:

- Texas Instruments – TI
- Analog Devices – ADI
- TE Connectivity
- Microchip / Microsemi
- Glenair
- Vicor
- Teledyne e2v
- Wolfspeed Cree
- Kemet
- Silicon Labs
- NVidia
- Micron
- Amphenol
- Full list here: www.arrow.com/en/products

DEFENCE CUSTOMERS:

➢ Local and Global Defence Customers:

- BAE Systems (AU/UK/US) – Global ISP Contracted
- Boeing
- Airbus Group
- ASC - BAE
- SAAB Systems
- Raytheon
- Lockheed Martin Australia / Lockheed Martin
- Leonardo S.p.A (Australia Pty Ltd)
- Thales / Thales Australia
- CEA Technologies



Accredited Defence Testing

CAPABILITIES:

Mechanical testing:

- Vibration
- Shock
- (SRS/UNDEX)
- Shock (classical)
- Impact
- Inclination
- Fatigue
- Acceleration

Climatic testing:

- Temperature

- Humidity
- UV and Solar
- Salt-fog

Noise testing:

- Airborne
- Structure-borne

Fluidic testing:

- High/low altitude
- Decompression
- Hydrostatic
- Pressure and flow

cycling

- Valve testing

EMC/EMI testing:

- Radiated susceptibility
- Conducted susceptibility
- Emissions
- Surges
- ESD
- Transient burst

KEY CLIENTS:



KEY PROJECTS:

- LAND 400 Ph2 (Boxer CRV)
- LAND 2072 (Currawong BCs)
- LAND 19 Phase 7B (NASAMS)

APPROVALS AND ACCREDITATIONS:

- A2LA accreditation (cert. no. 2765.02)
- MIL-STD, RTCA, DEF STAN, DEF(AUST), AECTP, IEC, ISO AS/ NZS, etc.
- ISO17025 certified
- Defence Approved Supplier
- ACMA & FCC Recognized, State and Federal
- RAN Directorate of Naval Engineering (DNE) endorsement

DISCRIMINATORS:

- One-stop shop (Environmental, EMC, Electrical, Telecom, Acoustics)
- Test facilities in NSW, VIC, SA
- Environmental testing to MIL-STD-810H ,DEF-STAN 00-35, DEF(AUST)5000, AECTP-300/400, MIL-STD-202
- Established relationship with leading primes
- Expertise in testing of equipment for RAN platforms



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Unit 2, 9 Packard Av,
Castle Hill NSW 2154

MELBOURNE
2 Brex Court
Reservoir VIC 3073

ADELAIDE
13 Newfield Rd,
Para Hills West SA 5096

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AMC
AUSTRALIAN METROLOGY AND CALIBRATION

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www.metrologyandcalibration.com.au

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Edwardstown SA 5039
AUSTRALIA

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

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



KEY CUSTOMERS



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

babcock™

Company overview

Babcock Australasia is a Defence, Aviation and Critical Services company operating across the Marine, Aviation and Land Sectors. We support complex and critical capabilities for our customers through the provision of integrated services enabled by proven systems, processes, and people.

With over 1600 employees across Australia and New Zealand, Babcock is trusted to deliver engineering, operational, training and asset support services in a range of specialist domains that include warship sustainment, strategic military communications, naval combat systems, fleet and asset management, training and emergency aeromedical services.

Babcock Australasia is part of Babcock International Group PLC, the global aerospace, defence and security company.



Contact us

Craig Schwartz
Head of Customer Solutions (Defence & Security)
08 8440 1400
enquiries@babcock.com.au



Creating a safe and secure world together

Core capabilities

MARINE

- We ensure the Australian and New Zealand Navies go to sea safely through the delivery of complex ship and submarine sustainment programmes.
- We support warships and submarines through the design and support of critical systems.
- We manage total cost of ownership through supply chain management and optimisation, eliminating waste and optimising support services.

LAND

- We streamline sustainment and acquisition processes using our industry-leading asset management systems and tools.
- We deliver improved availability and operating cost savings across complex and critical fleets in defence and civil aerospace.
- We provide strategic military communications through advanced technology-enabled solutions that operate across the globe.

AVIATION

- We save lives with our aerial emergency medical and search and rescue services.
- We protect communities with our aerial surveillance services for law enforcement and border protection.
- We provide specialist technical crew training to enable our customers to perform their jobs safely.

NUCLEAR

- We provide nuclear safety and stewardship for civil and military customers in the UK, built on decades of operational excellence.
- We sustain the entirety of the UK's nuclear submarine fleet and operate the UK's only licenced facility for refitting, refuelling and defueling nuclear submarines.
- We take a leading role in all civil nuclear in the UK from new build, to operational support decommissioning.

BAE Systems Australia

Strengthening Australia's defence and security capabilities.

Company Overview

BAE Systems has supported the development of a stronger and more capable sovereign defence industry in Australia for almost 70 years.

With a 5,500 strong workforce, we work with Defence and our supply chain to help ensure Australia has the defence capabilities it needs to shape, deter and respond.

We are investing over \$150 million in research and development in autonomous systems, hypersonics, space, high frequency systems, electronic warfare and anti-submarine warfare capabilities right here in Australia over the next 5 years.

As a defence prime with a significant local presence and global reach, BAE Systems contributes \$1.2 billion to Australia's GDP each year while supporting Australian SMEs join our global supply chain.

KEY CUSTOMERS



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Core Competencies

- Trusted Robotics and Autonomous Systems
- Advanced Weapons and Countermeasures
- High Frequency Systems
- Electronic Warfare
- Sensor Systems
- Modelling and Simulation
- Shipbuilding and Sustainment
- Aircraft Sustainment and Training
- Advanced Manufacturing
- Photonics
- Combat Vehicle Engineering Support
- Research and Development



PARTNERSHIPS



\$1 million - committed annually to community partnerships and sponsorships



SUPPLY CHAIN

\$700m 1600

Spent with our supply chain in 2021

Total Suppliers
72% spent with Australian Suppliers
26% Spent with Australian SMEs



CBG Systems is an Australian company with head office in Hobart, Tasmania. CBG Systems has been in the market of thermal insulation, Antenna systems, Camouflage and passive fire protection for more than 40 years. The company specialises in passive fire protection systems; custom tailoring and sewing of thermal jackets and mobile camouflage systems; and the design and manufacture of Moonraker antennas.

KEY DISCRIMINATORS

- Team of highly skilled technicians with experience in commissioning projects worldwide
- World leading, Australian made products and services. Established track record and assurance of continued lifetime support for all our products.
- Quality manufacture ensures long service life in extreme environments.
- Design service and support to produce customised solutions to meet customer specifications.
- Experienced defence supplier within Australia and overseas.

CAPABILITY

CBG Systems are proud to offer the supply and installation of the following products:

- Rapid Access Composite Plus (RAC Plus), a lightweight A60 structural fire protection
- Rapid Access Composite (RAC), a light weight composite 60 minute fire resisting division.
- Rapid Access Stainless (RAS), a light weight A60 structural fire protection system.
- A60 or A30 fire protection profile wrap.
- Thermal insulation wrap.
- C-Class division interior fit out systems.
- B-15 Class panelised interior fitout systems.
- Exhaust and engine insulation systems.
- Fire doors and fire dampers.
- Moonraker HF, UHF, Multi-band, MF and VHF antennas.
- Moonraker lightning protection products.
- Moonraker Broadband body worn antenna.
- SolarShield Signature Management system.



CUSTOMERS/RELATIONS



CERTIFICATIONS / ACCREDITATIONS

ISO9001:2015 Certified
Marine Equipment Directive (MED)
US Coast Guard (USCG) approved products.

CONTACT / ADDRESS DETAILS

CBG Systems Pty Ltd
Contact : Javier Herbon, Managing Director

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Phone: +61 3 6272 6105 Fax: +61 3 6273 1716
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Domo Tactical Communications (DTC), is a technology provider for high bandwidth wireless communication with a specialised capability in MIMO Mesh networks.

DTC brings complementary capabilities to Codan's existing tactical communications solution. Combining our engineering capabilities to also bring a unique sovereign MANET IP Mesh capability to a diverse global customer base with a deliberate focus on "Five Eyes" Militaries.

Discriminators

- SOVEREIGN CAPABILITY - 100% AUSTRALIAN OWNED
- IN-HOUSE ENGINEERING - QUICK RESOLUTION TO PROBLEMS
- 30+ YEARS RF EXPERIENCE - STABILITY
- OWNERS OF CORE IP
- NON - ITAR
- INTERFERENCE AVOIDANCE SCHEME (IAS)
- LOW LATENCY PERFORMANCE
- INTELLIGENT ROUTING OPTIMISES - LOW PROBABILITY OF INTERCEPT AND DETECTION
- AGILE MANUFACTURING AND SUPPLY CHAIN
- UNIQUE WAVEFORM AND MESH TOKEN PASSING
- WIDE RANGE OF FORM FACTORS TO SUIT MULTIPLE APPLICATIONS

Capabilities

- MANET IP Mesh design and manufacturing delivering capability for military command and control communications such as:
 - Dismounted Soldier Software Defined Radio capabilities for:
 - Assault / SWAT Teams
 - Convoy Protection
 - Covert Ops
 - Combat Teams
 - Sniper / Spotter Teams
 - Maritime Interdiction Operations (MIOPS)
 - Vessel Board Search and Seizure (VBSS)
 - Ship to shore amphibious operations
 - Native Cursor-on-Target (CoT)
- Ucrewed platform (UxV) IP Mesh Data links for:
 - Ucrewed Ground Vehicle (UGV)
 - Explosive Ordnance Disposal Robots (EOD Robotics)
 - Remote Weapon Station (RWS)
 - Robotic wheeled 'MULE' resupply
 - Ucrewed Surface Vehicle (USV) for Mine Counter Measure (MCM), Force protection, Resupply
- Ucrewed Aerial Vehicle (UAV) for multiple applications including loitering munitions, swarming drones, tactical rebro and range extension on various platform sizes:
 - Nano Ucrewed Aerial System (Nano UAS)
 - Small Ucrewed Aerial System (SUAS)
 - Medium-Altitude Long-Endurance (MALE)
 - High-Altitude Pseudo Satellite (HAPS)
- Covert Surveillance design and manufacturing delivering capability for Law Enforcement and Military Intelligence agencies:
 - RF and IP Enabled surveillance
 - Video and audio covert recording
 - Video and audio body worn surveillance
 - Video and audio remote concealed surveillance
- Asset tracking and protection capability for Law Enforcement Agencies, Military and Intelligence organisations
 - State of the art unified tracking system architecture, and solutions that shall enable multiple device missions and technologies to seamlessly exist within a single framework

Certifications and Accreditations



Key Customers



Key Partners



Key Projects



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VP Sales -APAC
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E: daniel.scalzi@codancomms.com

Every action assessed
Every mission mastered

World class, Australia wide

Defence training systems are complex in nature and can be under-supported in large acquisition and sustainment programs. Brand reputation management and end-user mission success depends on the ability to train the people that generate the capability. Modern training hardware costs have driven resource and asset availability toward lean solutions, requiring highly efficient utilisation to meet throughput objectives.

We know that quality training and accomplished training systems drive operational effectiveness and mission success. Our goal is to ensure our clients' capabilities are of the highest standards. Increasing technology-based solutions require ingenious training systems to match.

We endeavour to be the company our partners trust for excellence in training system evaluation, standardisation, design, and delivery; producing highly capable training systems and graduates who meet increasing capability demands.

We are a certified Australian veteran-owned business which realises AIC requirements for both above- and below-the-line projects.

We excel by combining decades of defence operational training knowhow with decades of scientific, academic, and specialist human performance expertise to fully utilise and implement data-driven analyses in the training domain.

Our capabilities

Creation of innovative, adaptive, and evidence-based training system architecture designs;

Leading-edge training system evaluation and analysis;

Best practice training delivery, fully utilising and implementing data-driven analyses in the training domain.

Our key clients



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217 Flinders St, Adelaide SA 5000
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+61 8 8234 8819
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Our people create world-leading, trusted, cyber and spectrum security technology solutions for Australia and its allies. 100% Australian-owned and operated, with deep domain knowledge and state-of-the-art secure facilities, Australia's Defence and Intelligence communities entrust Consunet to design, develop, integrate and sustain their in-service operational capabilities. Consunet's mature Agile DevSecOps development processes are complemented by our strong in-house research and development (R&D) capability, and our proven ability to successfully collaborate with Defence, industry and academia – all to ensure the best possible outcomes for our customers.

KEY MARKETS

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

KEY CUSTOMERS

- Capability Acquisition and Sustainment Group (CASG)
- Defence Science and Technology (DST) Group
- Trusted Autonomous Systems Defence CRC
- Australian Department of Defence

BUILDING THE AUSTRALIAN CYBER AND SPECTRUM SECURITY FUTURE

CAPABILITIES

EW TECHNOLOGY DEVELOPEMENT

- Electromagnetic Battle Management
- EW situation awareness software
- Spectrum management solutions
- Geolocation software
- Communications protocol design and optimisation
- Signals exploitation for fast jet platforms
- Novel SDR based capability development

SOFTWARE ENGINEERING

- Full system lifecycle delivery
- Machine learning and autonomous systems
- Logistics systems
- Simulation

CYBER SECURITY

- Secure development environments
- Security services

RESEARCH SERVICE PROVIDER

- Artificial Intelligence and Image Processing
- Computation Theory and Mathematics
- Machine Learning
- Distributed Computing
- Information Systems
- Electrical and Electronic Engineering
- Cognitive Sciences

DISCRIMINATORS

- Wholly Australian owned and operated
- Experts in the Spectrum and Cyber security domains
- High assurance system design, development, deployment and support
- Full systems lifecycle experience from design and architecture to operational deployment and sustainment
- Mature DevSecOps and Agile development processes tested within rigorous engineering and Defence system frameworks
- Strong PhD-level R&D capability
- State-of-the-art secure facilities enabling trusted delivery of products and services to Defence and Intelligence communities across Australia



www.consunet.com.au



Thinking New.™

We're a little different...

Coras is a consultancy that's a little different from other management consultancies. We bring smarts, expertise and experience to the table, but in an empathetic way that sets us apart. We fuse rigour with creativity and innovation with curiosity. And we demand excellence – to us, 'that'll do' simply won't do.

Focused on outcomes

We listen deeper, search further and work harder to deliver awesome results for our clients in Defence, government agencies and industry. And whatever the scale of the project, we focus on knowledge transfer: in fact, we know we've succeeded when you don't need us anymore.



Powered by our people

Coras is a radically progressive place where the most ambitious, rigorous and creative thinkers come to grow. Our fearless tribe brings together deep industry experience with some of the brightest young minds in Australia. And we don't just talk about looking after our people – we're employee-owned.

Defence is in our DNA

We're proudly veteran-founded and, from our CEO to our consultants, almost half of our team has served the nation. Regardless of whether our people have worn a uniform or not, we share the same passion for service. As testament to this, we were named Medium Private – ACT – Winners in the ADF Reserves and Employer Support Awards 2022.

How to engage with Coras AusTender • DSS Panel • ICTPA • Department of Finance Panel • GeoPanel
Contact us at hello@corassolutions.com.au



DEVELOP BUSINESS
DRIVE PERFORMANCE
INCREASE AGILITY

COMPANY OVERVIEW

CYLAD is an international strategy and management consulting firm with a strong expertise and track record in Defence & Aerospace.

Our 150 consultants, data analysts and senior experts based in Australia, Europe and North America deliver more than 100 projects per year.

We are dedicated to supporting Defence companies to develop, improve performance and accelerate projects by leveraging our expertise in growth strategy, program and bid management, business & digital transformation, and operational excellence.

WHY CYLAD

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

CAPABILITIES

	Project & Portfolio Management	Designing architecture and management of complex programs, including scope, schedule, resource, earned value, and risk.
	Cost & Cash Competitiveness	Developing successful responses to Defence tenders; Right-sizing fixed costs, optimising cash and improving business controlling practices.
	Business & Digital Transformation	Defining, improving and accelerating business and digital transformation strategy and plans.
	Product Development	Reducing time-to-market and product cost by stream-lining the Product Development Process, and accelerating industrialisation.
	Supply-Chain & Procurement	Designing and developing supply chain, measuring and increasing local content, and modernising procurement practices with data analytics.
	Growth Strategy	Supporting acquisition opportunities, facilitating post-merger integration, geographical expansion and technology transfer.

PARTNERS & CUSTOMERS



MEMBERSHIPS



INTERNATIONAL AWARDS



CONTACT

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CYLAD Australia Pty Ltd
www.cylad-consulting.com



Brad Nicholson: Managing Director

1300 651 248 | 0417 848 284 | operations@dgair.com.au | www.dgair.com.au

Company Information

DG Air are dangerous goods specialists providing end to end solutions that take the hassle & risk out of logistics. 100% Australian owned and est. in 1996.

Capabilities

- Domestic and International Freight forwarding company specialising in Dangerous Goods and General (explosives, radioactive & chemical)
- Licensed Australia Customer Broker experienced in State and Federal Legislation of all DG and export controls
- Explosive Trucks and Vehicles Licensed to Carry Category III
- Expert radiation advice to the mining, exploration, petroleum, industrial and regulatory sectors. Enabling companies to operate more safely, efficiently, and productively plan for strategic management of radioactive materials
- Dangerous Goods Training School approved by Civil Aviation Safety Authority and Australian Maritime Safety Authority to provide courses to Air, Sea and road freight sectors
- Distribution, warehousing, storage and disposal of DG (explosives, radioactive and chemical)

Discriminators

- The only company in Australia that can provide all the services required to compliantly transport explosives and other high consequence cargo internationally and domestically end-to-end
- DG Air provides professional services for packing, documentation, storage, training, consultancy, disposal, customs clearance, and logistics of moving dangerous goods, safely and efficiently
- Growing up in a military family on Defence establishments around Australia we are acutely aware of the human factor to Defence movements and that's the driving force behind our service
- We are intensely aware that the shipments we manage are more than cargo. Often shipments are one of a kind or ridiculously troublesome to replace
- 24-7 phone number putting customers in contact with DG Air staff at any time on any day
- GPS, Track and Trace systems (Cargowise) to track, monitor and report freight movements
- Analyze and optimize your supply chain with easy-to-use reporting tools

Key Customers

- ASC Adelaide, Perth
- BAE Systems Australia
- Schlumberger Australia
- Halliburton Australia
- ANSTO
- DSTG





FYFE – THE COMPANY

Fyfe is an Australian professional project services firm delivering value through integrated engineering, environment, planning and survey services.

We employ the **best people** to deliver high value projects that build our client prosperity in the defence, energy, resources, property and infrastructure sectors.

Fyfe is **Versatile | Accessible | Practical | Smart**
 YTD Safety Record LTI – 0 | MTI – 0 | TRIFR – 0



COMPETITIVE DIFFERENTIATORS

- Excellent Safety Record
- 360 staff located around Australia
- Australian owned
- Innovative solutions offering value through integration – combining measurement and design
- Efficient integrated project delivery
- Significant history of working on large Defence projects



CAPABILITIES

- **Engineering** – civil, structural, mechanical, process, E&I, hazardous area assessments
- **Environmental** – ecology, site contamination, groundwater assessment
- **Planning** – development plans for major projects
- **Survey/Geospatial** – traditional survey, RPAS/drone survey, 3D laser scanning, survey plans, GIS, service location

KEY CUSTOMERS

- **JLL/Augility:** Fibre Optic Works – Port Wakefield Proof and Experimental Establishment – Engineering (current)
- **Mott MacDonald:** Keswick Barracks, Survey and Environmental Services (current)
- **wsp:** USFPI Robertson Barracks Base [EST05064&02116] – Survey/Underground Services (current)
- **Sitzler:** United States Force Posture Initiative (USFPI) | Survey (2020-current)
- **Lendlease:** AIR555 AISREW | Facilities Survey and Setout Package (current)
- **Laing O'Rourke:** Osborne Naval Shipbuilding Precinct (Future Subs Program) Infrastructure Development | Survey, Service Location, Environmental (2020-2021)
- **Mott MacDonald:** Hazardous Area Audit (RAAF Base Edinburgh), Edinburgh, SA (2021)
- **JLL:** RCD Compliance Works, Northern Territory and South Australian Defence facilities (2018-19)



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Tim Reynolds
 Business Development Manager
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COMPANY OVERVIEW

GPA is a national engineering design consultancy that thrives on complex projects requiring innovative solutions underpinned by our experience and research capabilities.

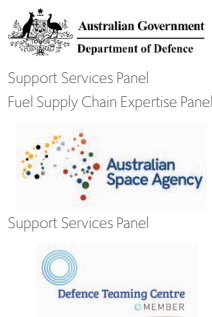
We are consultants, designers, integrators and sustainment partners.

- | | | | |
|--|----------------------|--|--------------------|
| | Automation & Control | | Instrumentation |
| | Civil & Structural | | Mechanical |
| | Compliance | | Process / Chemical |
| | Electrical | | Risk and Safety |

CAPABILITY

- Automation and control systems integration
- Compliance to regulations and standards
- Design verification and validation
- Hazardous Area; HA, EHA, REA
- Rotating equipment; generators and motors
- Detailed design/arrangement and 3D CAD
- Power systems modelling, analysis, design
- Balance of plant for major equipment
- Simulation and modelling
- FEA and stress analysis
- Lifting systems design and plans
- Inspection and certification
- System integrity and functional safety
- Auditing and risk assessment

- Stability - 35 years in operation, >96% staff retention
- Sovereign Capability - 100% Australian owned & operated
- Defence - 15 years supporting Defence
- Diversified Expertise - A wealth of knowledge from multiple industries with transferable capabilities
- Enduring Partnerships - GPA has multiple clients supported continuously for over 30 years



gpa@gpaeng.com.au
 www.gpaeng.com.au

Head Office
 121 Greenhill Road
 Unley, SA, 5061

Sean Flaherty
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 Sean.Flaherty@gpaeng.com.au





A LEGEND COMPANY

COMPANY OVERVIEW

Locally Owned with over 60 years' experience in design and manufacturing this continuity of operation brings a high level of design competency, plus the backing and experience of many years of technology and applications support to our customers. Our highly experienced engineering and manufacturing unit can provide our customers with customised and turnkey solutions that will ensure speedy delivery of your products.

CAPABILITIES

THICK FILM HYBRID TECHNOLOGY

- Thick film hybrid provides high reliability for mission critical use in harsh and rugged environments to meet the requirements for Defence applications.

DESIGN, PROTOTYPE AND MANUFACTURE

- In house engineering design (Mechanical, Electronic, Firmware) capabilities to suit either thick film ceramic or printed circuit board assemblies.
- Test and Process engineering team enable development suitable tester and efficient manufacturing flow.
- Scalable manufacturing site for prototype to mass volume build to suit either leaded or lead-free build in a quality-controlled environment.
- On-site environmental test facilities to facilitate environmental analysis and burn-in requirements.
- Proven ability to meet various standards such as Def-Stan and IECEx.
- Proven ability to delivery project on-time and on-cost with project management and vendor management.



COMPETITIVE DISCRIMINATORS

- Only facility in Australia provide design and assembly in thick film ceramic technology
- Small team ensures flexibility – agile and able to adapt to change quickly
- Diversified across multiple industries can help develop technology/ product strategy to meet customer requirement
- Complete in-house engineering design, tester development and manufacturing ensuring quick turnaround
- Disciplined & secure quality management & document control practices.

CERTIFICATION & ACCREDITATION

- ISO-9001:2015 Certified
- ISO-14001 Certified
- ISO-45001 (In progress)
- Qualified operators trained to various Class 3 of IPC Standards (001, 610, 620, 7711/7721 etc)
- Member of Defence Teaming Center (DTC)
- Member of Industry Capability Network (ICN)



KEY CUSTOMERS

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



CONTACT NAME

ANGELYNN LIM

Customer Service Manager

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Humanihut Field Infrastructure System



Humanihut Logistics

PRODUCT

- Rapidly deployable short to long-term infrastructure.
- Established in built-up, isolated or remote environments.
- Rigid structure, climate-controlled, integrated modules and ablutions.
- Integrated water, power and wastewater if mains unavailable.
- Longevity, having a 20-year lifespan.
- Scalable, accommodating a few to thousands.
- Energy efficient, insulated, Colorbond steel-clad walls and roof.
- Flexibility for multi-use spaces with ensuite bathrooms optional.
- Short, medium, and long-term rental options available.
- Complete turnkey facilities management including catering and health support.
- Proven capabilities and benefits in housing emergency service personnel.



KEY CUSTOMERS



KEY SUPPLY PARTNERS



PROUDLY AUSTRALIAN

Humanihut Pty Ltd is a proud, multi-award-winning Australian owned and company with a new and innovative approach to rapidly deployable infrastructure.



QUALITY STANDARDS & OTHER ACCREDITATIONS

AS/NZS 3001:2008 compliant
South Australian Certificates of Compliance
ISO Certification for QMS, WHS, ICT and Environmental Management due 12/2022




CONTACT

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Ian Lynch, General Manager Asia Pacific
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IQMS Australasia has developed a unique solution for a cost-effective, cloud-based business management platform. IQMS Australasia specialises in the design and implementation of fully customised management systems that can incorporate one, or a number of, International and Australian Standards (ISOs).

PRODUCTS	KEY CUSTOMERS		
<ul style="list-style-type: none"> IQMS is a cloud-based management system offering an intuitive functionality and user-friendly interface, The platform is based on a SharePoint model and is able to integrate with multiple applications, Process automation is possible through workflows and utilisation of metadata, IQMS provides a framework to effectively and efficiently manage the compliance needs of multiple standards, including: <ul style="list-style-type: none"> ISO 9001 - Quality Management System ISO 14001 - Environmental Management System ISO 45001 - OH&S Management System AS 9100D - Aviation, Space, and Defense ISO 31000 - Risk Management ISO 55001 - Asset Management ISO/IEC 27001 - Information Security Management System ISO/IEC 17025 - Testing and Calibration Laboratories ISO 50001 - Energy Management Systems The system is mobile-optimised, providing access to personnel across a variety of geographical locations, Intelligent version control and document management, IQMS offers endless customisation to ensure a tailored solution meets individual business needs. 	<ul style="list-style-type: none"> Codan Defence Electronics – Gap analysis and audit preparation for Rheinmetall Land 400 Compliance Audit Southern Launch – Development and successful certification of an ISO 9001 - Quality Management System, and proposed integration with ISO 45001 - OH&S Management System and AS 9100D - Aviation, Space, and Defense DEWC – Development and successful certification of an ISO 9001 Quality Management System, including provision of our IQMS Platform. Proposed integration with ISO 45001 - OH&S Management System Building & Industrial Cleaning Services (BIC) – Development of a custom, cloud-based Documents and Records Management System NSW Health – Provision and maintenance of Laboratory System Databases specific to more than 100 individual Health Clinics. The entire Hub is hosted through a secure server for even greater Information Security Williams Metal Fabrication – Development and successful certification of a full QHSE Management System, including provision of our IQMS Platform Caledonia Group – (Current project) Developing an Information Security Management System (ISMS) with eventual certification to ISO 27001 Allstate Pest Control – Provision of our IQMS Platform plus customisation and monthly systems support Specialist Crusher Services – Development and successful certification of a full QHSE Management System, including provision of our IQMS Platform Elexon Electronics – Development and successful certification of a quality and environmental management system compliant to AS9100D and ISO 14001 		
KEY PARTNERS	CAPABILITIES		
<ul style="list-style-type: none"> Kkit Information Services Adelaide University Australian Industry & Defence Network (AIDN) Clothier Consulting Group GMUSG SACOME Civil Contractors Federation (CCF) Lot Fourteen Industry Capability Network (ICN) ECAAS/TQCSI Biz Hub 	<ul style="list-style-type: none"> Gap Analysis and Pre-certification Support – Assisting clients in preparation for their certification Internal Audits – Engaged by businesses to conduct their internal audits Management System Development – Design and implement IMS solutions compliant to a variety of International and National standards, as listed Incident Investigation – Third party objective external investigation services IQMS Platform – Our key product offering is designed to host our client's systems into the cloud Office 365 support – A broad-spectrum service focusing on how clients are using Office 365 Contract Hire – For clients without internal resources to manage their QHSE systems Training – Developing our client's understanding of systems. This service offering also includes development of tailored training packages and modules General Consulting – General services which may be required e.g. <i>setting up virtual office</i> 		
DISCRIMINATORS	CONTACT DETAILS		
<ul style="list-style-type: none"> Australian owned and operated Highly flexible cost structure and broad service offering, we can meet most needs The IQMS Platform is owned by the company We can rapidly mobilise to provide support to any client in any region Specialist industry experiences through our individual consultants Partnered with dedicated developers with significant qualifications and experience Licence-free access to our IQMS Platform 	<table border="0"> <tr> <td> Greg Clothier Managing Director 0439 843 570 greg.clothier@iqms.com.au www.iqms.com.au </td> <td> Emil Obst Systems Specialist 0426 412 560 emil.obst@iqms.com.au www.iqms.com.au </td> </tr> </table>	Greg Clothier Managing Director 0439 843 570 greg.clothier@iqms.com.au www.iqms.com.au	Emil Obst Systems Specialist 0426 412 560 emil.obst@iqms.com.au www.iqms.com.au
Greg Clothier Managing Director 0439 843 570 greg.clothier@iqms.com.au www.iqms.com.au	Emil Obst Systems Specialist 0426 412 560 emil.obst@iqms.com.au www.iqms.com.au		
QUALITY STANDARDS AND OTHER ACCREDITATIONS			
<ul style="list-style-type: none"> ISO 9001:2015 Quality Management System Certified lead auditors 			

WA

Insight Via
Artificial Intelligence

COMPANY OVERVIEW

Insight Via Artificial Intelligence (IVAI) is an innovative Adelaide based SME with extensive experience in the research, development and deployment of artificial intelligence, machine learning, virtual/augmented reality and data analytics technologies. Our particular focus is on advancing the state-of-the-art in explainable artificial intelligence systems.

We value collaboration with research institutions and have proven capability to translate research into real world solutions for our clients.

IVAI has a broad customer base, applying our capability across Defence, Government, Health and Industry sectors.

Helping humans and machines work together in smarter ways

CONTACT

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 Executive Director
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 www.ivai.com.au

Suite 811, 147 Pirie St,
 Adelaide, SA 5000

PARTNERS & CLIENTS



CAPABILITY

Research & Development

- Proven expertise in explainable Artificial Intelligence, Machine Learning, Computer Vision, Natural Language Processing, Virtual and Augmented Reality and related technologies.
- Human/Machine interface optimisation

AI Solution Development & Implementation

- Helping organisations to unlock the value in their data.
- Delivering optimal AI/Data Science solutions quickly and effectively using bespoke or industry standard platforms.

Products & Services

- Plan, build, deploy & manage AI systems profitably, ethically and responsibly using our innovative platform.
- AI augmented VR and AR product development.
- Advanced analytics for cybersecurity applications.

Education & Training

- Managing AI: Tailored training courses for C-Suite, Boards and Project Managers.
- Effective AI enhanced VR/AR training solutions.



DISCRIMINATORS

- Undertaking research at the frontiers of AI.
- Adopting innovative approaches to challenging problems.
- Explainable and transparent AI compliant with Defence and Government ethics frameworks.
- An innovative platform to manage the entire AI project lifecycle.
- VR/AR scenario development and validation supported by latest psychological and human-factors research.
- PhD qualified research and development team.
- Australian owned and operated.
- Defence Industry Security Program (DISP) members.

GLOBAL MOBILITY

Migration Solutions is South Australia's leading migration advice and consultancy company. Founded in 2001, we are a full-service migration firm and a long term member of the Defence Teaming Centre.

Migration Solutions is a trusted partner in the defence sector, supporting business, industry and government to bring skilled and experienced staff from overseas. We also support international and interstate businesses relocate to South Australia and facilitate the global mobility of their workforce.

KEY MARKETS	KEY CUSTOMERS
Defence and space Infrastructure Logistics Building and construction Local, state and federal government	Defence primes Engineering firms Project managers Supply chain SMEs Industry associations Research institutions Government

CAPABILITIES

 Migration pathway assessment and workforce planning strategy	 Business and industry labour agreements	DAMA  Designated Area Migration Agreement advice and support
 Visa eligibility, application advice, lodgement and support	 Legislative compliance programs and support	 Relocation and settlement support for employees moving to SA

DISCRIMINATORS

- Industry leading success rate
- Over 50 years' experience
- Trusted by defence, business and government, the individuals they employ from overseas and their families
- Largest team of registered, migration professionals in SA
- Strong Corporate Social Responsibility program. \$50K+ raised during Covid.

QUALITY AND RECOGNITION

 Seven registered Migration Agents	 Panel, Defence and Space Landing Pad	 Panel, Defence Landing Pad
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 Mark Glazbrook MMIA
 Chief Executive Officer
mark@migrationsolutions.com.au
migrationsolutions.com.au

 08 8210 9800
 0400 990 772

		
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Land Domain

COMPANY/ CAPABILITY OVERVIEW

Nova Systems is an Australian owned and controlled engineering services and technology solutions company, partnering with our clients to keep our nations and people safe and secure.

Nova Systems provides the operational and engineering solution to help our clients solve their challenges in the land domain. Our people combine technical skill with an in depth understanding of what is required to deliver and sustain capability.

We provide scalable solutions from specialist advice through to turn-key services, working with OEMs and the end user to deliver capabilities tailored to their needs.

CAPABILITIES

- Test & Evaluation
- Integration Activities
- Market Scanning & Acquisition
- Procurement & Contract Management
- Combat & Platform Systems Engineering
- Requirements Elicitation & Management
- EMI/EMC/RADHAZ/Topside Analysis
- Safety & Certification
- Acquisition & Sustainment Logistics
- Project Assurance, Risk & Controls
- Capability Development
- Capability Assurance
- Training Development and Delivery

NOVA SYSTEMS BY NUMBERS

- 1000+** talented and dedicated professionals
- \$350m+** contribution to the economy
- 20+** years Australian Defence Force partner
- 400+** local supply chain partners
- \$17m+** invested into research and development in the last five years

DISCRIMINATORS

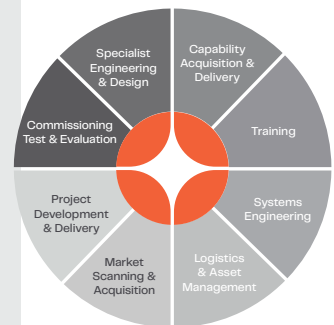
- Sovereign Leader in Test and Evaluation
- Knowledge and experience in capability acquisition and introduction into service
- 100% Australian owned and controlled with global reach
- Engagement across major capability programs in Australia
- Established offices in Five Eyes partner countries including the United Kingdom and New Zealand exporting Nova Services to Europe and Asia
- Significant experience in integration activities

KEY CLIENTS & PARTNERS

- Capability Acquisition and Sustainment Group (CASG)
- Land Systems Division
 - Land Manoeuvre Systems Branch
 - Armoured Fighting Vehicle Branch
 - Land Engineering Agency
 - Land Vehicle Systems Branch
- Australian & New Zealand Army
- Team SABRE
- Raytheon
- SAAB
- Leidos
- Sovereign Missile Alliance
- Team Nova (Nova Systems, Qinetiq, PWC)

The smarts behind the solution.

- Professional agnostic & independent advice
- Experienced defence consultants
- Strong relationships with defence stakeholders and support agencies
- Competent technical professional services
- De-risking of program delivery



www.novasystems.com



Innovative Advanced Manufacturer

CONTACT

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11 Erudina Avenue,
Edwardstown SA 5039

COMPANY

Nylastex is a South Australian, family-owned advanced manufacturing company with more than 30 years' experience.

Our continual investment in state-of-the-art equipment, latest technology and highly qualified staff gives us the capability to accommodate an extensive range of machining processes using materials including stainless steel, mild steel, brass, alloys, titanium, graphite, composites, hardened steels, polystyrene and more.

CAPABILITIES

- Precision CNC Machining
- Rapid Prototyping
- Low Volume Machining
- High Volume Production
- Project Management & Design
- CMM Scanning
- 3D Printing
- Reverse Engineering
- Fabrication & Welding
- Material Sourcing
- Metal Finishes & Treatments
- Paintings & Coatings
- Assembly
- Metrology and Inspection

DISCRIMINATORS

- Well-established company with proven track record for quality and on-time delivery
- Diversified knowledge across industries and supply chains
- Proactive engineering support to meet production requirements
- Two locations – Edwardstown and Edinburgh, SA

CERTIFICATIONS



CUSTOMERS



Protube Engineering+

Robert Resch
Managing Director
T: 08 8363 1311
M: 0414 451 513
info@protube.com.au

protube.com.au

innovation
service
value

Capabilities – Supplier of Advanced Machinery

- Advising on, supplying and installing advanced manufacturing machines
- Robotic welding, WAAM (Wire Arc Additive Manufacturing)
- Hi-tech Profiling incl. 3D - Laser, Plasma, Gas and Water with beveling, scanning, ACTG (Auto-Calibration of Tool Geometry), ...
- Composite and light weight material technology
- Large scale precision machinery, cutting and fabrication
- Complex plate and section rolling, metal forming and bending
- Service, back-up and support agreements incl. dedicated stock holding
- Specialised consumables, wear items and spare parts

Competitive Differentiators

- We are "Bridging the Gap" between the overseas machine manufacturer and the end user
- We have exceptional manufacturing & application know-how
- We have long exclusive partnerships with world's leading machine makers: Fives Group, EFD, IGM, Pemamek, MicroStep, Wickert, ...
- We are a "One Stop" supply with large inventory
- We are an effective conduit to increase Australian Industry Content
- We support sovereign industrial manufacturing capability

Key Markets

- Defence
- Infrastructure
- Tube & Wire
- Industrial Manufacturing
- Mining
- Oil and Gas
- Steelworks

Quality & Associations

- ISO 9001
- ISO 14001
- DTC Defence Teaming Centre
- ASI Australian Steel Institute
- AMTIL Australian Manufacturing Technology Institute
- DISP Member

Key Customers and Recent Projects



- Complete turn-key delivery of fabrication machines at ONSP with Lendlease, ANI, OMT and BAES Maritime/ASC
- Complete turn-key delivery of 52,000 kN Composite Press for Rheinmetall RDA, LC Press and other machinery for Naval NGA



Providence Consulting Group (Providence), is an Australian, veteran-owned professional services provider delivering to Defence, government and industry since 2005. Founded in Canberra, with offices in Adelaide and Sydney, we operate nationally with our 130+ staff. We are guided by our ethical and unique approach to consulting, having built a reputation as an authentic capability partner. With a clear focus on our own capabilities, we seek to team with like-minded companies to bring complementary, tailored, services to our clients.

Discriminator

What sets us apart is our **'Providence Promise'**. Everything we do in the company is guided by a commitment to our clients and our people. Practically, this means that we strive to understand our clients and recommend outcomes and approaches to delivery; tailored to their needs, environment and culture.

Company Accreditations

- ISO 9001:20015 Quality Management System
- Defence Industry Security Program (DISP):
 - Governance - 3 / Personnel - 3 / Physical - 1 / I&C - EL

Capabilities

- **Strategy. Designing your Future.** Our business analysis and strategic business advice facilitates effective and considered decision making, business improvement and operational planning, across all levels of an organisation.
- **Transformation. Delivering focused and sustainable change for your Future.** Delivering successful organisational transformation requires robust investigation, planning, communications, and effective management. We integrate seamlessly to work with you to co-design and implement an approach aligned to your values, culture, and organisational goals.
- **Delivery. Realising your Future.** Our project management, project controls, procurement, contracting and logistics specialists seamlessly integrate with you to facilitate the successful delivery of programs and projects regardless of their size and complexity.
- **Enterprise Protective Security. Protecting your Future.** Our advisers are expert at providing security risk assessments, evidenced-based security and risk advice, security education and developing the frameworks for governing and managing enterprise protective security (EPS).
- **Transport & Infrastructure. Connecting your Future.** We support our clients with capabilities in project controls and delivery assurance.

Our Clients & Portals

- Our clients span Defence, other Federal and State Government departments, and industry
- We can be engaged through the Defence Support Services (DSS), and other Panels.

Operating nationally, with offices in:

Adelaide | Canberra
Sydney

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

REALM - Solutions for the Future

www.realmsolution.com.au



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With over 35 years of experience in the Research, Engineering, Architecture, Logistics and Management domains, REALM Solutions is a specialist independent professional consultancy practice in Australia.

REALM provides 'Solutions for the Future' of your improved business, operations, projects and equipment through the application of practical and technical experience, engagement of senior and eminent project professionals, and by employing both contemporary and conventional tools, techniques, and test equipment.



▶ CAPABILITIES

- Quality, Safety and Business Systems - review, compliance & training
- Systems definition, design, review and requirements management
- Upgrade, acquisition, support, test & acceptance, and introduction into service
- Specialty Engineering in Reliability, Availability, Maintainability, and Producibility
- Maintenance Engineering/Shut Down Planning, Service Life Assessment/Extension
- Logistics Support - definition, analysis, determination, and life cycle management
- Supportability/Sustainment Systems, Buildings & Infrastructure - Design & Delivery
- Manufacturing Process & Production Readiness - Skilling, Measurement & Analysis

▶ DISCRIMINATORS

- Sonar & Vibro-Acoustic Applications - Rail, Marine, Submarine - Data Acquisition & Analysis
- Asset Condition Monitoring, Structural Fatigue Life, & Reliability Centered Maintenance
- Enduring Track Record in Defence Infrastructure & Secure Buildings - Definition & Delivery
- Design, Test & Delivery of C4ISR: Communications, Radar, EMI/EMC/Tempest & EW Systems
- Business & Operations Management - System Definition, Process Review & Re-engineering
- Commercial Transformation - Cultural Change, Workforce Skills Mapping & Transition
- Training Systems - Requirements Analysis, Design, Delivery and Assessment
- Complex Project Management - Review, Training and Accreditation

▶ KEY CUSTOMERS

- Australian Rail Track Corporation
- BMT Defence & Security
- Thales Australia - Underwater Systems Group
- Sydney Metro - Rail
- Defence Capability and Sustainment Group
- Defence Science and Technology Group
- Risk Decisions (Aust) Ltd

▶ KEY MARKETS (Local / International & Potential)

- National, International, Private / Commercial, & State Rail
- Business Operations - Enterprise Risk Management
- Land Transport - Tracked, Wheel, Rail Vehicles & Systems
- Maritime Systems - Marine & Submarine
- Defence & Commercial Aerospace

▶ QUALITY APPROVALS & AWARDS

- ISO9001 Quality Auditor
- Project Management - Training & Practice
- Defence Security Clearance and IT Facility assessment
- Pre-qualified in Training Design, Delivery & Assessment
- Design, Manufacture/Maintenance: Comm-Elec-ITEE systems





Innovation for Defeating Future Threats

RFTEQ is an Australian Company dedicated to producing world leading technology for tailored Sovereign EW capabilities for Defence.

RFTEQ specialises in Cyber EW hardware and systems delivery focusing on emerging and future threat detection, degradation and denial.

RFTEQ cooperates with Australian Defence Department, Universities and Industry to solve complex problems.



Why RFTEQ
 Leaders in RF and EW
 FPGA and Real-Time experts
 100% Australian Owned
 Agile Engineering
 ISO9001 Certified



Key Capabilities

CATJAT
 Next-generation capability protecting soldiers from communication threats by dynamically targeting threat signals through real time threat detection and response.

Space DSP
 RFTEQ is using expertise in EW and SDR technologies to develop space based capabilities.

Specialties

- EW R&D
- Real-time signal processing
- RF Design, prototyping and testing
- System simulation and V&V
- Mission Fill development

www.rfteq.com.au

<https://au.linkedin.com/company/rfteq-pty-ltd>



Tekuma - Improving the way humans interact with technology.

Tekuma's orb is a control component that can be integrated into any human-machine interface, making it easier to control drones, robots and other devices. Drastically improving the user experience, it can save your business time and money, as well as personnel and training costs.

Already serving customers in the US and Australia, Tekuma is seeking new partners to ensure a friendlier control experience for all sorts of technologies.

CAPABILITIES

- Tactile six-degrees of freedom control, operable with just two fingers.
- Intuitive, force-based control as opposed to distance-based. Customisable for application.
- Wide array of applications, including drone control, bomb disposal, training, air traffic navigation, underwater maintenance, research, exploration and biosecurity.

DISCRIMINATORS

- Can be integrated with any device, swapping out customized communication chip.
- Designed and manufactured in Australia
- Patented in Australia, Japan, USA and Europe
- Ease of use reduces training time and personnel by >30%
- Robust design allows for temperatures from -40°C to 125°C
- >30% faster to complete basic manoeuvres (compared to standard joysticks)

KEY CUSTOMERS



AWARDS

- Land Forces 2021 Innovation PitchFest: Best Overall Innovation
- 2021 Core Innovation Hot 30
- Austrade & CSIRO's Civilian and Defence Use Landing Pad
- Maersk NextGen Logistics Award



Annette McClelland
 CEO & Co-founder
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Company Details

→Fully Australian Owned←

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Capabilities

Our clients experience immediate benefits to their trade compliance processes through our:
 > leading customs & export controls cloud software solutions;
 > training & consulting services, especially with the ITAR/EAR.

Key Customers

The Americas: Northrop Grumman, General Dynamics
Europe: BAE Systems
APAC: Merck

Discriminators

- **Global expertise:** We are partnered exclusively with OCR, a major software vendor that has served blue-chip and SME clients for over 30 years.
- **Local experience:** Our personnel come from Defence industry with a deep understanding of trade compliance & software implementation.
- **Disruption:** TTC is a pioneer in helping Defence companies achieve cost savings, stay match-fit and be a step ahead of competition by digitally transforming how they manage compliance with international trade and arms control regulations.



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100% Australian Owned & Operated Defence & Space Qualification Testing Services

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

Capabilities

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

Discriminators

- > Australian Owned and Operated
- > 49 Years of Experience
- > Over 150 Qualified Personnel
- > Services in Melbourne, Brisbane, Adelaide, Sydney
- > Security Clearances up to NV1
- > A Reputation for Quality
- > Preferred Supplier at Prime Industry Forums
- > Cost Effective with Fast Turnarounds
- > Able to Design and Manufacture Bespoke Testing Rigs

Key Customers

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

Key Markets

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

Qualifications & Certifications

- > NATA Accredited
- > A2LA Accredited (Sydney)
- > BSI ISO 45001, ISO 9001, and ISO 14001
- > Registered RSP No. 15701
- > Member of the DISP
- > Recognised by the ABS

Applicable Standards

- Defence**
- > DEF(AUST)5000
- > DEF-STAN 00-35
- > MIL-STD 167
- > MIL-STD 202
- > MIL-STD 810
- > MIL-S-901
- > NATO
- > RTCA DO-160F
- Environmental Testing**
- > AS IEC 60068.2
- > AS/IEC 60529
- > BS EN 50125-3:2003
- > BS EN 50155:2007
- > IEC 61373:2010



Delivering mission-critical communications you can rely on

Vocus delivers sovereign, secure, reliable high-capacity communication solutions for government and business.



A 20-year track record

Through our acquisition of Nextgen Networks in 2016, we deliver operational networks in support of Defence capability. Vocus owns and manages the 2nd largest long-haul fibre network in Australia, plus we are leading the way with support for the emerging LEO satellite industry.



Trusted by government

We deliver critical network infrastructure and services to more than 200 federal, state, and local government agencies.

Get in touch with our Defence business team today.
Call us on 1800 167 527 or visit vocus.com.au/defence



WilliamBuck

Level 6, 211 Victoria Square, Adelaide SA 5000
williambuck.com

BUILDING CAPABILITY AND PERFORMANCE

As Adelaide's largest owned and operated accounting and advisory firm, William Buck proudly supports businesses and service providers in the defence sector.

William Buck's scale and expertise can help optimise your business processes and production output, reduce commercial risk, and improve overall financial performance.



Contact

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

DISCRIMINATORS

- Highly qualified and talented team, many with Big4 experience
- Progressive, fast growing advisory practice with 300% growth in the past 10 years
- Member of Praxity, the world's sixth largest accounting alliance in over 100+ countries
- Fourth largest accounting firm in Adelaide
- Bespoke and personalised service model
- South Australian owned and operated
- 23 Directors & 210+ staff
- 125+ years in business

CAPABILITIES

- Audit & Assurance
- International Tax Advice
- Transfer Pricing Advice
- R & D Tax Incentive
- Virtual CFO Services
- Compliance Obligations
- Financial Analysis & Board Reporting
- Local Branch or Company Establishment
- Budgeting & Forecasting
- Due Diligence Analysis

KEY CUSTOMERS

- Locally and nationally owned defence industry SME's and their suppliers
- Foreign controlled organisations establishing Australian operations

KEY MARKETS

- Defence
- Technology
- Food & Beverage
- Manufacturing
- Health & Aged Care
- Indigenous Corporations
- Energy & Resources
- Infrastructure
- Agriculture

PROFESSIONAL MEMBERSHIPS

- Defence Teaming Centre
- Chartered Accountants Australia & New Zealand
- CPA Australia
- The Tax Institute
- Australian Institute of Company Directors



Williams Metal Fabrications has worked in the metal fabrication industry since 1998.

Long-standing clients include some of South Australia's largest mining, marine, defence, civil and construction companies, and we've worked on many of the region's largest infrastructure projects. Our comprehensive turn-key solutions include design, 3D site scanning and point cloud, steel detailing, fabrication and protective treatment all the way through to installation, onsite labour hire, maintenance, and even boat and crane truck hire.

Services + Capabilities

- Adelaide metal fabrication workshop with a manufacturing area of greater than 2,380m² and a large lay-down area
- On-site welding and metal repairs, both on land and on water
- Bespoke metal fabrication for the maritime, infrastructure and defence industry sectors
- Erection and repair of existing infrastructure and plant
- Design, 3D site scanning and steel detailing
- Surface treatment
- Onsite labour hire, commercial vessel and mobile crane hire
- Project management and maintenance

Key Discriminators

- 100% Australian owned and operated, operating in SA, NT and WA
- Part of a comprehensive supply chain with export capabilities
- Not just a metal fabrication company, we also offer design and installation as well as labour, boat and crane hire
- On-site welding, repairs and maintenance are carried out on both land and water (with our 6.2m and our new 7.3m commercial work vessel and certified coxswains) and our mobile cranes solution is beneficial where access and unloading is difficult
- Design and fabrication of any metal structures and components required
- Fully Integrated Management System, Construction Category 3 and one of only a handful of SA companies with ISO 3834-2 (currently undergoing DIN 2303 certification)



Key Partners



Key Customers



Australian and International Standards + Certifications



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Notes

