



AUSTRALIA

**AUSTRALIAN AEROSPACE
MISSION TO
SEOUL ADEX**

19-23 OCTOBER 2021



Australian Government

Australian Trade and Investment Commission

WELCOME MESSAGE

The Australian Government is investing \$270 billion over 10 years, in modernising Australia's defence capability, securing the nation while strengthening its sovereign defence industry. This expenditure includes investment into key programs across all five domains: sea; land; air; space; cyber.

Designed to power expertise and innovation, this investment places Australia's defence industry in a strong position to export cutting-edge products, technologies and services, in turn, encouraging domestic and global investment.

While Covid-19 has had some impact on the defence industry, it has exhibited resilience, with revenue projected to rise at an annualised 3.5% over the five years through 2024-25, to total A\$45.9 billion.

Australia's defence industry enjoys considerable success internationally. Analysis suggests that Australia's defence industry is currently achieving in the order of A\$2.7-5.3 billion in defence exports a year. The Defence Export Strategy, for which the Australian Trade and Investment Commission (Austrade) is a key delivery agency, seeks to expand that footprint and achieve the following five objectives by 2028:

- strengthen the partnership between the Australian Government and industry to pursue defence export opportunities
- sustain Australia's defence industrial capabilities across peaks and troughs in domestic demand
- enable greater innovation and productivity in Australia's defence industry to deliver world-leading Defence capabilities
- maintain the capability edge of the Australian Defence Force and leverage Defence capability development for export opportunities

The Strategy brings together all the levers available to government, Defence and industry to provide end-to-end support for defence exports, from building export readiness, to identifying export opportunities, and ultimately realising export outcomes.

Supporting the Australian defence industry is a Government priority, and Austrade's trade and investment services are part of the strategy to do this.

Our presence at Seoul ADEX 2021 is an important initiative of Austrade to showcase Australia's world class aerospace capabilities in Korea and to support Australia-Korea partnerships in the defence and space sector.

Seoul ADEX 2021 will be held as a hybrid platform from 19 to 22 October 2021 and Australia is exhibiting both onsite at the Seoul Airport and with a delegation from Australia who are joining online.

In partnership with three state governments and supported by Global Business and Talent Attraction Taskforce (Department of Home Affairs) our presence at Seoul ADEX 2021 will include 11 companies representing the breadth of Australian capability in the defence, advanced manufacturing and space sectors. The online partnering program and an Australian-focus seminar program will also provide an exciting opportunity for Korean industry representatives to meet with Australian delegates and explore collaboration opportunities with the Australian defence industry.

Australia and Korea celebrate 60 years of diplomatic relations in 2021 and the Australian Trade and Investment Commission continues our long-term commitment to strengthening Australia – Korea Defence and R&D partnerships and generating business opportunities in the coming years. We look forward to working with you to building closer ties between Australia and Korea in this critical sector.

Julie Quinn
Senior Trade & Investment Commissioner, Korea
Australian Trade and Investment Commission



Leading Supplier to the global aerospace industry



Exports

US\$1.8 billion of aviation exports (2018); to the US, Malaysia, Singapore, New Zealand and France



Carbon fibre

Australian companies supply global aerospace firms, including Honeywell, Lockheed Martin and Thales



The F-35

More than 7 companies manufacture parts for the F35, including Marand and Lovitt Technologies



Drones

Australia has begun work on a A\$40 million combat drone project with Boeing



MRO

Australia has an export-grade MRO ecosystem, including parts manufacturing and professional services

Space R&D partnership opportunities



A\$260 million to develop world-leading satellite infrastructure through Geoscience Australia



The ADF is investing in **space capabilities** through the Next Generation Technologies Fund and Defence Innovation Hub



Significant investments, such as the A\$2 billion to **A\$3 billion** JP9102 military satellite communications project

Building a globally competitive commercial space industry



The Australian space industry has grown by 10% per year over the last five years



Predicted to triple in size to 2030, creating a A\$12 billion industry

✓ **Australian Space Agency (ASA):**
Established with a A\$41 million grant, it will unify civil, academic and commercial programs

✓ **Funding support:**
With the help of grants and funding, the ASA will aim to stimulate A\$1 billion of inbound investment (2019–2028)

✓ **NASA's moon & Mars missions:**
Australia aims to contribute robotic manufacturing, automation, life sciences and sensor-communications

Seoul ADEX 2021 Australian Participants 호주 산업 대표단

Sponsors

Global Business & Talent Attraction Taskforce

New South Wales (NSW) State Government

Government of South Australia

State Government of Victoria

Delegates

Milspec

Air Affair

Saber Astronautics

Droneshield

Defendtex

Sentient Vision

Conflux Technology

PHM Technologies

Prism Defence

K-Tig

RedArc



Global Business & Talent Attraction Taskforce

Sponsors



Philippa Butler
Director Global Talent

Contact Information

Phone
+886 782 541 22

Email
Philippa.Butler@dfat.gov.au

Website
www.globalaustralia.gov.au

Company Information

The Australian Government has established the Global Business and Talent Attraction Taskforce, to support Australia's ongoing economic growth. The Taskforce is working to realise the Australian Government's vision to turbocharge the economy and boost prosperity across the nation. Our mission is to transform Australia into a more powerful magnet for marquee enterprises and exceptional individuals so we can reap the benefit of their ideas, capital, talent and networks.

We are looking for businesses that can build clusters or ecosystems of excellence in priority sectors, conduct cutting-edge research and development, and fill gaps in supply chains. We want these apex enterprises to partner with local companies and institutions to help deliver our blueprint for economic growth.

When it comes to space, Australia is seriously ambitious. We aim to triple the size of our space industry to A\$12 billion and create up to 20,000 new Australian jobs by 2030. This is why we are looking beyond our borders for talented individuals and businesses to help make this happen.

The sector is already growing at an annual rate of 7.1%, outpacing GDP; and the total investment pipeline for our civil space sector is worth approximately A\$2 billion. It is estimated that the market size of Australia's space industry will grow by more than A\$8 billion by 2030.

Australia has committed to A\$270 billion in Defence capability investments over the next 10 years under the 2020 Force Structure Plan, which is in addition to a number of other significant funding mechanisms.

We also have a host of grants on offer for small and medium sized businesses that will fund between 50 and 100% of your costs, depending on the grant. We are working hard to build a robust, resilient and globally competitive defence industry to support our defence force. The main objectives of our defence sector are:

- implementing a continuous naval shipbuilding program;
- delivering a more potent air combat and air strike capability to support our future air combat fleet, including the F-35A Lightning II Joint Strike Fighter;
- establishing, growing and sustaining a sovereign guided weapons capability;
- significantly enhancing our capabilities in intelligence, surveillance and reconnaissance, space, electronic warfare and cyber;
- investing in advanced training, modern equipment, as well as health care and logistics systems to support our Defence Force personnel; and
- building our next generation of armoured fighting vehicles and protected mobility vehicles.

We are looking for individuals who will have a direct impact on our defence industry's ability to develop, integrate and sustain Australia's defence forces. If you have serious expertise in any of the following areas, we are keen to hear from you:

- Advanced materials
- Combat system integration
- Complex design and engineering
- Emerging military technology
- Guided munitions
- Intelligence analytics

Sponsors

Global Business & Talent Attraction Taskforce

- Modern training and simulation
- Protected and secure communications
- Protection technology
- Robotics and automation
- Sensors and advanced signal processing
- Surveillance and intelligence
- Specialty experience in ICT system analytics and security

Trailblazing, skilled individuals who can support Australia in the delivery of these initiatives, or proven enterprises looking to relocate or expand, may be eligible for tailored support from the Global Business and Talent Attraction Taskforce to relocate to Australia. We offer fast tracked visas and support packages for senior executives, company staff and their families, as well as individuals with exceptional talent.

To find out more, please visit www.globalaustralia.gov.au or the Australia Pavilion at Seoul ADEX.

New South Wales (NSW) State Government



Sponsors



Yoojin Kim
NSW Trade & Investment
Director, Korea

Contact Information

Phone
+82 2 398 2823

Email
yoojin.kim@austrade.gov.au

Website
www.invest.nsw.gov.au

Investment NSW is a central agency established by the NSW Premier, with a mandate to reinforce NSW as the most desirable place in the world to visit, invest and do business.

NSW is Australia's economic, finance and education powerhouse and contributes one-third of Australia's GDP and currently enjoys record business investment and a AAA credit rating. NSW is committed to growing defence industries and related jobs, investment and innovation across the state. NSW has the strongest defence presence and the most sophisticated defence related industrial base and research institutions of any state in Australia. The NSW Government's priority is to maintain the best possible conditions for sustainable, technically advanced and globally competitive defence industries, as part of making the state a great place to live and work. NSW has been a strong supporter of national defence since before federation and is host to important defence bases and capabilities supported by a broad range of industries and major education and training establishments. The defence industry in NSW has core strengths and expertise in the most critical capabilities. These include advanced and subsystem manufacturing, sustainment of major systems, complex project management, complex systems integration, cyber security, and composite materials research, design and production.

As the country's leader in space innovation and entrepreneurship, NSW is home to 38% of all Australian space startups. Our state has Australia's largest and most diversified economy and NSW organisations generate 50% of Australia's export revenue for the space industry. With the largest portion of the Australian space industry based in NSW, the state is well placed, economically, politically and geographically, to maximise the benefits to business from this new space era. NSW space industry development strategy lays the foundation to ensure the space industry becomes a source of economic strength, job creation and innovation in NSW. The strategy aims to: foster collaboration across the industry and with the research community, help to develop a fit-for-purpose workforce, support the growth of industry precincts, maximise NSW space industry activity in the national space ecosystem and grow exports and attract investment.

Government of South Australia



Sponsors



MJ (Myungjin) Kim
Senior Business Development
Manager
South Australia Department
for Trade and Investment
-South Korea

Contact Information

Phone
+82 2 398 2815

Email
myungjin.kim@austrade.gov.au

Website
<https://invest.sa.gov.au/sectors/health-and-medical-industries>

The Department for Trade and Investment of South Australia is the government agency with frontline responsibility for driving business investment in the state across all industries, and for facilitating trade in all goods and services both interstate and internationally. We link international companies with our investment specialists and export advisers through our overseas representatives. South Australia is at the forefront of the nation's defence industries.

The AUKUS alliance and defence project will cement South Australia's position as the shipbuilding capital of Australia with nuclear-powered submarines set to be built at the world-class Osborne Naval Shipyard, with the Collins Class submarine sustainment program and upgrades to the Hobart Class destroyer combat management systems creating opportunities for the state's defence supply chain.

Renowned for its innovation, world-class research and development, and a highly skilled workforce, the state's defence & aerospace industries have a proud history of delivering some of Australia's largest and most complex projects. With a combination of low business costs, an exceptional quality of life, a knowledge-based economy, a world-class education system, and a strong defence and manufacturing heritage it is no wonder seven of the world's top 10 defence companies across maritime, aerospace, land, systems and cyber domains call South Australia home.

In addition to being the epicentre of naval shipbuilding in Australia, South Australia is fast-becoming a centre for defence cyber security innovation and skills. Home to a growing cyber workforce and a world-class industry capable of solving complex problems, the state is at the forefront of innovation and future defence requirements.

With strengths in a range of defence relevant research fields, three world-class universities and Defence Science and Technology Group's largest Australian operation, South Australia has a long history of success in collaborative defence research and development.

South Australia's competitive business environment, combined with a strong Defence presence and a vibrant research and development ecosystem, makes our state the best place for defence innovation.

The Department for Trade and Investment facilitates companies and investors looking to identify opportunities, strategic partnerships to get advice on the South Australian Defence sector

State Government of Victoria



Sponsors



Jeong-hee Bai
Trade and Investment
Manager, Korea

Contact Information

Phone
+82 2 3782 4885

Email
Jeong-hee.bai@global.vic.gov.au

Website
www.global.vic.gov.au /
www.defence.vic.gov.au /
www.invest.vic.gov.au

Company Information

Victoria is Australia's state of defence industry excellence. Renowned for its advanced manufacturing, world-class research and development, and its highly skilled defence industry workforce, Victoria has proven expertise in delivering complex defence projects. A highly skilled workforce, expertise where it counts, strong supply chain make Victoria to lead the national defence industry as a home of innovation.

Victoria's defence sector is an important part of the State's economy, contributing around AUD 8.4 billion annually. The sector supports approximately 36,600 people and 6,300 businesses working in the supply chain to make equipment and provide services for defence activities.

Victoria has developed significant expertise in delivering major defence platforms and capabilities for the Royal Australian Navy, Australian Army and the Royal Australian Air Force. Victoria's capabilities match global defence industry needs in areas spanning information and communication technology (ICT) systems; cyber technologies; managing the interface between human and digital systems; robotics, aerospace and unmanned aerial systems; medical counter measures; defence infrastructure; professional services; science and research and advanced manufacturing technologies.

A robust and responsive local supply chain network strengthens Australia's national security and plays a vital role in building and sustaining multiple defence platforms. The Department of Jobs, Precincts and Regions, including the Victorian Defence Procurement Office in Geelong, provides dedicated support to the Victorian defence industry and assists companies seeking to secure domestic and global supply chain opportunities.

Delegate

Milspec

Delegate



Mr. Alexander Dampier
BDM

Contact Information

Phone
+61 429 449 546

Email
Alexdampier@milspec-mfg.com.au

Address
874 Knight Road
Albury NSW 2640

Website
<https://milspecmanufacturing.com/products/alternators>

Company Information

Milspec Manufacturing is an Australian designer and manufacturer of alternators and power systems for the defence market. Our unique offering uses permanent magnet alternators for vehicle power, delivering 100% of alternator output at vehicle idle. These same alternators are used in the following applications:

- vehicle primary electrical power delivery
- vehicle auxiliary power delivery
- portable DC to Dc power delivery
- field power generation.

Milspec's full product range features auxiliary power units, exportable power modules, exportable power modules, power distribution units, vehicle C4i installation kits, enclosures and racking, and cable systems.

Company product and/or service introduction

The Milspec alternator range has seen use in both Australian and international defence forces. Milspec alternators are manufactured and tested in-house to meet standards Mil STD 461, 810, and 1275, and are smaller and lighter than competitors. Milspec's permanent magnet alternators:

- 200-900Amps
- Military standards Mil-461, Mil-810, and Mil-1275
- Mechanical/electrical efficiency of 83%
- IP rating IP67

Areas of interest in the Korean market

Looking for primes and integrators to the defence market that require permanent magnet high power military grade alternators.



Saber Astronautics

Delegate



Maria Xyggaki Senior Business
Development Manager

Contact Information

Phone
+61 468 437 327

Email
maria.xyggaki@saberastro.com

Address
Suite 3/63-71 Balfour St
Chippendale NSW 2008

Website
www.saberastro.com

Company Information

Incorporated in 2008, Saber Astronautics specializes in end-to-end space mission operations with operations centres spanning Australia and the United States. Saber's capabilities are scalable up to large complex constellations in geosynchronous orbit having worked with multinationals and governments on projects of national significance. At the forefront of innovation Saber has contributed significantly to the networks and opportunities available in the space industry in the nations in which we operate.

Saber holds multiple patents in machine learning algorithms and highly successful deployments of artificial intelligence solving problems in complex networks. These successes are reflected in Saber's mission operations software, P.I.G.I. (The Predictive Interactive Ground station Interface). P.I.G.I. is an innovative, intuitive software allowing customers to hold control and oversight of their assets from inception and design to launch, operations, and end of life manoeuvres.

Saber's organisational mission is the democratization of space access. We support this mission by encouraging startups across the globe, offering resources and access through projects such as the Australian Government's Open Source Space Operations initiative. Saber foment's entrepreneurial spirit and innovation through outreach initiatives such as Goldfish Tank and Quest for Blue, aiming to provide structure and guidance to the leaders of tomorrow. Saber believes no constellation is too big and no idea is too small.

Areas of interest in the Korean market

Saber has a universal goal; the democratization of space access. As a space engineering company with proven capabilities in space operations, spacecraft diagnostics, machine learning and artificial intelligence, our interests are varied. We offer products and services to all organizations who are space focused or space adjacent. This includes organisations focused on telecommunications, IoT, Earth Observation, Defense, enforcement and manufacturing across all industries (cars, electronics, ships etc). Saber also has extensive networks across the space industries in which we operate and are skilled in entering new markets.



Air Affairs

Delegate



Chris Sievers
Chief Executive Office

Contact Information

Phone
+61 2 4423 6755

Email
csievers@airaffairs.com.au

Address
1 Bubuk Street Yerrilyong NSW
2540

Website
www.airaffairs.com.au

Company Information

Air Affairs Australia Pty Ltd (Air Affairs) is a highly capable and innovative special missions aviation and engineering-based company that specialises in providing equipment and services to Defence Forces, Major Government Departments and Multinational Companies.

The Air Affairs organisation is purpose built to best align with corporate governance, service delivery performance and regulatory frameworks. The Company focus is on the provision of specialised services and the Company organisation is indicative of this requirement.

Air Affairs has extensive design and manufacturing capabilities and is the Original Equipment Manufacturer (OEM) for several products used for special mission operations. These capabilities also support Maintenance and Repair activities, again meeting Defence and Industry requirements.

Company product and/or service introduction

- Manufacturing, operating and maintaining Phoenix Aerial target drone systems.
- Providing the service centre for Breeze Eastern helicopter rescue hoists.
- Manufacturing of underwing pods.
- Manufacturing, operating and maintaining target towing reeling machines and aerial tow target sub systems.
- Advanced manufacturing

Areas of interest in the Korean market

- Supply, operation, maintenance and through life support of Phoenix Unmanned Aerial Target System
- Manufacture, operations and maintenance of Target towing reeling machines
- Manufacture and provider of aerial towed targets systems
- Service and maintenance support of Breeze Eastern helicopter rescue hoist



DroneShield



Delegate



Red Mcclintock Sales
Director

Contact Information

Phone
+61 447 407 315

Email
red.mcclintock@droneshield.com

Address
Level 5 126 Philip St
Sydney NSW 2000

Website
<https://www.droneshield.com>

Company Information

DroneShield is an Australian based global leader in the counterdrone space. Our solutions include portable/body-worn, vehicle/ship and fixed site solutions. Some of the most demanding customers globally, including a number of Western special forces, militaries and Government agencies around the world, use our products today.

DroneShield product brands include RfPatrol body-worn detection, DroneGun portable defeat solution, DroneSentry-X on-vehicle/on-ship solution, and the DroneSentry fixed site solution.

Areas of interest in the Korean market

DroneShield has deep ties into the Korean market, including a substantial amount of our products being manufactured in Korea today. DroneShield is active in the Korean market, already having made sales to the Government customer base.

DefendTex



Delegate



Travis Reddy
Chief Executive Officer

Contact Information

Phone
+61 412 112 255

Email
travis.reddy@defendtex.com

Address
46-52 Bessemer Drive
Dandenong South VIC 3175

Website
www.defendtex.com

Company Information

DefendTex, an Australian owned company, is recognized as one of the most innovative defence technology companies in Australia with offices in the USA & UK.

DefendTex are focused on delivering tactical level technology where capability deficiencies exist. State of the art facilities coupled with multidisciplinary experienced design and engineering teams, enable DefendTex to produce world leading technology.

DefendTex invest significantly in research and development and have an extensive product range. Its core capabilities are Research & Development, Manufacturing, Engineering, Testing & Evaluation and Commercialisation for Land, Sea and Aerospace platforms.

Areas of interest in the Korean market

DefendTex seek to leverage international networks for collaboration opportunities in research and development of novel capability particularly in the field of high speed flight.

Conflux Technology



Delegate



Robert Alvey
Business Development
Regional Manager – Asia

Contact Information

Phone
+81 90 9435 3818

Email
robert.alvey@confluxtechnology.com

Address
75 Pigdons Rd
Waurin Ponds VIC 3216

Website
www.confluxtechnology.com

Company Information

Conflux is a world-leading additive manufacturing (AM) company pioneering thermal and fluid applications that began in the world of F1 engineering where founder Michael Fuller transformed heat exchanger performance outcomes. Today, Conflux is an established, senior-by-design team leading the advancement of AM applications. It's revolutionary heat exchange technology has transformed product and system performance across aerospace, aviation, defence, energy, oil and gas, microelectronics, automotive and motorsports industries.

With vertically integrated advanced manufacturing, operations encompass all aspects of the engineering and manufacturing process – from design and CFD analysis through to in-house AM production, post-processing and independent validation. Conflux consistently pushes AM technology to the cutting edge, deriving ground breaking outcomes for its customers.

Areas of interest in the Korean market

- Aerospace
- Defence (Air, Land, SEA)
- Semi-Conductor/Electronics
- Automotive

Sentient Vision



Delegate



Olaf Alm
Business Development
Manager

Contact Information

Phone
+61 490 482 297

Email
olafa@sentientvision.com

Address
Unit 1 85 Salmon Street
PORT MELBOURNE VIC 3207

Website
<https://www.sentientvision.com/>

Company Information

Sentient Overview

Sentient is a leading developer of Computer Vision and Artificial Intelligence software solutions for defence and commercial markets. Since 1999 Sentient has specialised in EO/IR imagery analysis, building practical software solutions that automatically detect, geo-locate, track, and classify objects. Actively used in Search and Rescue (SAR) and Intelligence, Surveillance and Reconnaissance (ISR), the solutions enhance situational awareness and support strategic decisions for many agencies and forces worldwide.

More than 3,000 product solutions ranging from Kestrel, Panoptes and ViDAR, have been deployed in over 50 countries with great success, becoming a mission-critical tool.

Kestrel (& Panoptes)

Kestrel is one of Sentient's original products and has been in use with the ADF since 2009. Kestrel enhances the EO/IR turret system by automatically cueing operators in real-time to objects of interest within the field of view. Operationally proven advanced computational and deep learning algorithms are optimised to search, detect and locate small distant objects to enable greater coverage and a faster, higher probability of detection than other traditional methods. Kestrel is designed to automatically detect, fix, and track objects down to the size of 1x2 pixels and even has sub-pixel detection capabilities.

ViDAR (Visual Detection and Ranging)

ViDAR is an airborne persistent wide-area search system available for Land and Maritime applications. It uses high-resolution EO/IR sensors that autonomously detect hard to locate objects in real-time, objects that are often missed by traditional ISR methods. ViDAR is an Optical Radar that operates akin to a passive airborne radar, sending detections to the operator for further analysis by the aircraft's primary sensor. ViDAR can be integrated into manned and unmanned aircraft and is deployed by the Royal Australian Navy, AMSA, US Coast Guard, Canadian DFO, Mexican Navy, and other agencies worldwide.

Areas of interest in the Korean market

Sentient seeks direct collaborative relationships with Korean organisations and Government entities looking for cost-effective and proven ISR and SAR solutions, which utilise Computer Vision and Artificial Intelligence technologies.

PHM Technology

PHM Technology
Decisions better made

Delegate



Chris Stecki
Chief Executive Officer

Contact Information

Phone
+61 1300 948 505

Email
cstecki@phmtechnology.com

Address
9/120 Queens Parade
North Fitzroy VIC 3068

Website
www.phmtechnology.com

Company Information

PHM Technology is an engineering technology company with a strong focus on real, quantifiable solutions for complex assets in safety & mission critical industries.

Our mission is to significantly reduce the technical, engineering & financial risk in systems for our customers. We deliver a digitalized vision of RAMS that will improve the quality of an asset/system by optimizing the reliability, availability, maintainability and safety of the system during design, certification and operations.

Company product and/or service introduction

Our ecosystem of engineering technology to improve the design and asset management of complex systems is based on two platforms:

- MADe: Maintenance Aware Design environment
- MODe: Maintenance Optimization & Diagnostics environment

These solutions enable Model-based RAMS analysis, using Digital RAMS Twins to simulate, identify, understand and mitigate failures in design and operations; with Causation-based AI to optimize detection and decision making on the maintenance of operational assets with unparalleled confidence in decision making - beyond what is available with existing technology.

Areas of interest in the Korean market

PHM Technology is seeking to identify potential customers in the aerospace, defence, ship building, advanced manufacturing and heavy industry sectors – with a particular interest in companies that are currently conducting Digital Transformation.

We are also seeking solution partners that can provide sales, consulting and implementation support to Korean customers that implement PHM Technology solutions

Prism Defence



Delegate



Reg Smyth
Business Development

Contact Information

Phone
+61 8 72 005 800

Email
reg.smyth@prismdefence.com

Address
157 Melbourne Street
North Adelaide SA 5006

Website
www.prismdefence.com

Company Information

Prism Defence is a technology company focussed on ship-air integration. We work with Defence Forces around the world to maximise capability to manage and operate aircraft and UAS onboard air-capable ships.

We are embarked aviation capability specialists, focussed on developing innovative solutions that support the operation and management of embarked aircraft from any vessel - OPV to aircraft carrier.

Our goal is to transition embarked aviation operations from process-heavy, procedurally complicated legacy systems into capability-led, intelligent, and digitised solutions.

Company product and/or service introduction

- Conduct of, or support for, Ship Helicopter Operating Limits (SHOL) development including flight and ship test instrumentation and software
- AirHub Embarked Aviation Management Software that supports planning, briefing, deck movement, reduced workload in the bridge and flying control positions, coordination, simulation, assurance, recording and analysis.

Areas of interest in the Korean market

- Provision of test instrumentation, software and training to support SHOL development trials for helicopters and UAS
- To supply AirHub software for air-capable vessels either as a stand-alone system or integrated with bridge or combat management systems.

K-TIG



Delegate



Ben Hodge
Manager – Defence Business
Development

Contact Information

Phone
+61 413 560 633

Email
ben.hodge@k-tig.com

Address
Building 5, 9 William Street
Mile End SA 5031

Website
www.k-tig.com

Company Information

K-TIG Limited (ASX:KTG) is an Australian manufacturer of a patented, high quality, high productivity and repeatable welding technology known as Keyhole TIG.

K-TIG meets the most demanding requirements supplying systems in more than 20 countries spanning Oil & Gas, Power generation, Water treatment, Renewable energy, Nuclear and Defence industries, Tube mills, Pipe spooling and a wide variety of general fabrication applications.

K-TIG welding has been subjected to exhaustive testing and certification by Lloyds and Bureau Veritas and is being used in production for a wide range of mission critical applications globally.

Company product and/or service introduction

K-TIG is an advanced GTAW technology that reduces multi-hour welds to just minutes whilst retaining the sort after high quality of conventional TIG processes.

In addition to speed advantages the K-TIG technology significantly reduces power and gas consumption, furthermore decreasing reliance on the requirement for highly skilled labour.

Areas of interest in the Korean market

K-TIG has the Capability of dramatically increasing the productivity and reducing the cost of Defence fabrication and would be interested to present and connect with fabricators and prime vendors to deliver high levels of automation to Defence industry manufacturing.

K-TIG is enthusiastically exploring partnership and distribution opportunities globally and welcomes interested parties.

REDARC Defence Systems



Delegate



Mike Hartas
General Manager-Sales

Contact Information

Phone
+61 423 477 932

Email
mhartas@redarc.com.au

Address
23 Brodie Road North
Lonsdale SA 5160

Website
<https://www.redarc.com.au/defence>

Company Information

Founded in 1979, REDARC Defence Systems (REDARC) has 40 years' experience in the research, design, development and manufacture of a range of electronic voltage converters and associated products, inverters, power supplies, battery chargers, brake controllers and trailer braking products, for a full range of vehicles in the defence and civilian sectors e.g. automotive, vehicle part aftermarkets, and recreational vehicles.

REDARC has established itself as a key SME in the Australian defence sector over the past five years, offering a blend of commercial off-the-shelf, modified off-the-shelf and customised, build-to-print electronic solutions that improve capability, safety, and flexibility of a variety of defence vehicles and applications. REDARC offers end-to-end servicing and has the capability to conceptualise, design, test and manufacture products from smart relays to complex load sensors.

In 2019, REDARC established a focused defence business called REDARC Defence Systems(RDS) Pty Ltd. RDS currently employs 8 staff dedicated to supporting defence projects globally.

REDARC advanced manufacturing and surface-mount technology capabilities include:

- Circuit design and advanced printed circuit board (PCB) layout
- Embedded microprocessor software development
- Modern surface mount and selective through-hole PCB loading
- Silicon potting and automated conformal coating
- EMC, EMI, ESD, thermal and environmental testing
- Integrated Logistic Support Planning and Management
- Engineering Documentation to Defence Standards
- Whole of life support (15 years after end of production)

Areas of interest in the Korean market

REDARC would like an introduction to a distributor to service the Korean defence market.

REDARC could pursue a direct sale to South Korea or could look to partner with a distributor or remanufacturer/vehicle modifier, depending on the availability and scale of other opportunities.

IN PARTNERSHIP WITH



ABOUT AUSTRADE

The Australian Trade and Investment Commission (Austrade) is Australia's leading trade and investment agency.

We are experts in connecting Australian businesses to the world and the world to Australian businesses.

Austrade is the national point-of-contact for investors. We partner with state and territory governments to provide the information and contacts you need to establish or expand a business in Australia.

We help companies around the world to identify and take up investment opportunities in Australia as well as to source Australian goods and services for their global supply chains.

Contact us to discover how we can help you and your business.

Austrade Key Contacts

Seoul Mr Ron Green
Trade Commissioner & Counsellor (Commercial)
Direct Phone: +82 2 398 2812
Email: Ron.Green@austrade.gov.au

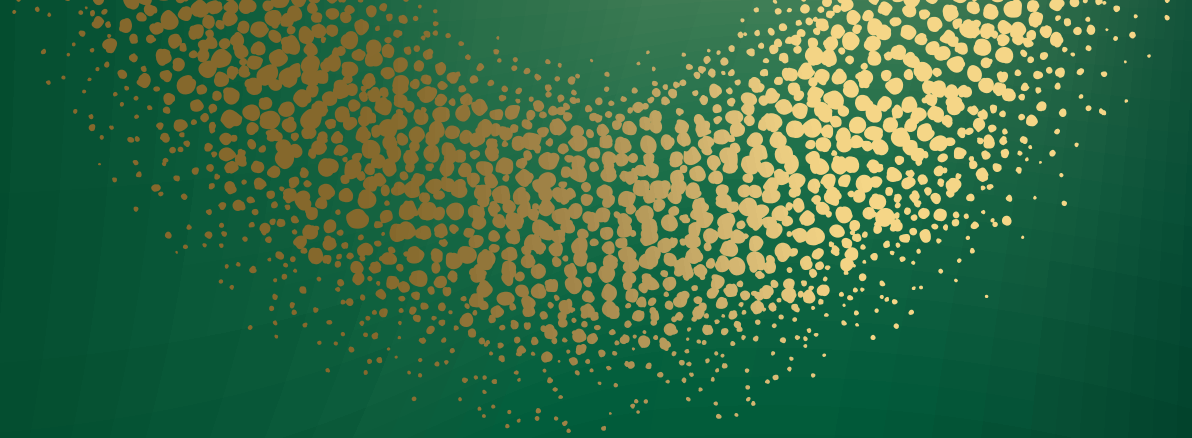
Mr Kye An
Business Development Manager
Direct Phone: +82 2 398 2816
Email: Kye.An@austrade.gov.au

www.austrade.gov.au/korea



Australian Government

Australian Trade and Investment Commission



Australian Government

Australian Trade and Investment Commission