

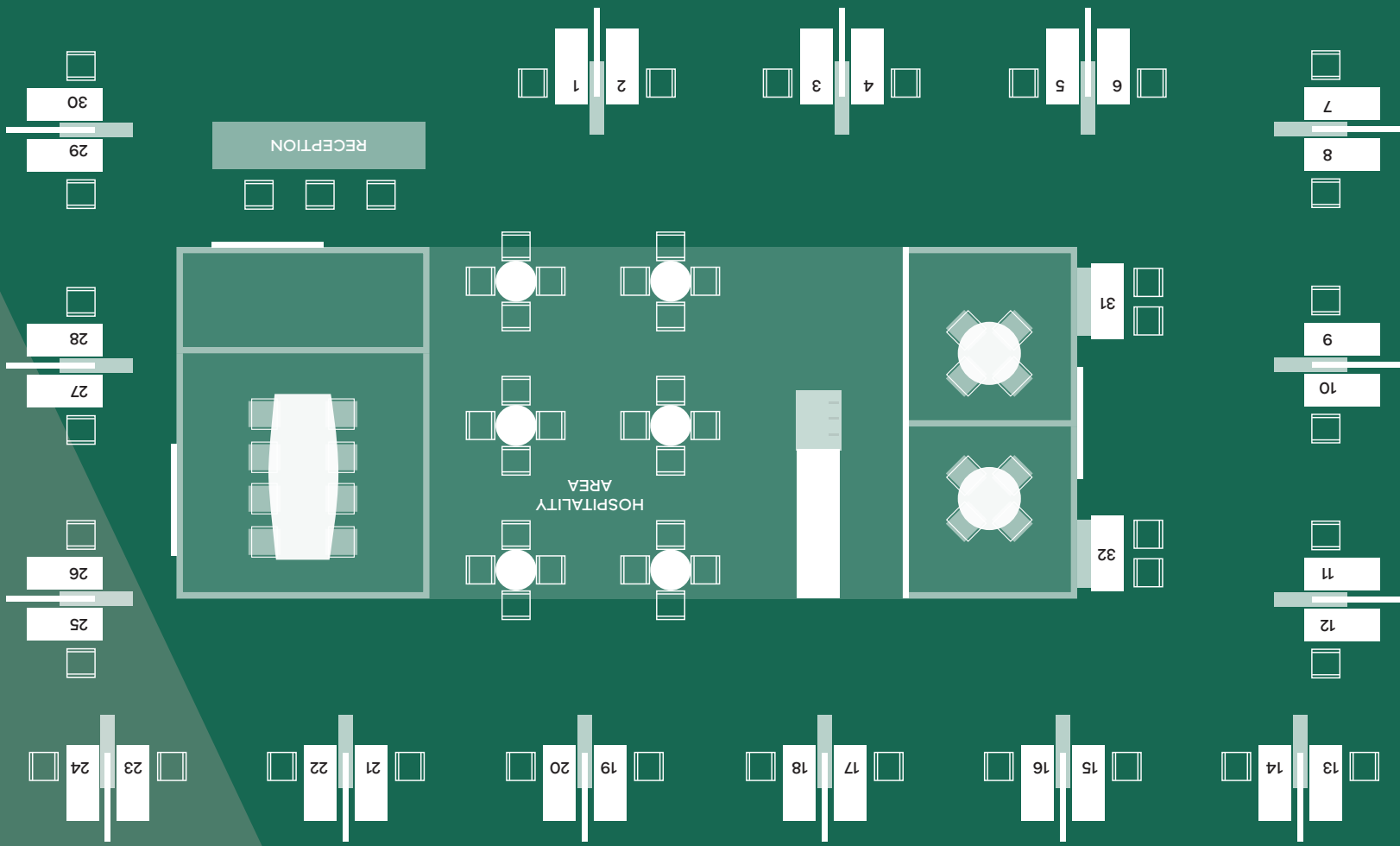


LAND  
FORCES 2022  
VICTORIAN  
GOVERNMENT  
PAVILION  
MINI GUIDE

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

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

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

Victorian State Government

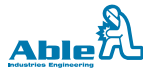
The Defence and Aerospace team provides a single point of entry for government and industry coordination across the Victorian defence sector. We focus our efforts on securing high value investment, trade and supply chain opportunities for the State's defence sector.

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Join us at Stand 2M23 during  
LAND FORCES 2022 or visit  
our website [defence.vic.gov.au](https://defence.vic.gov.au)

Able Industries Engineering

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

Advanced Composite Structures Australia

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Advanced Composite Structures Australia (ACS-A) is an innovative engineering and manufacturing organisation, with a reputation for taking on challenging projects. ACS-A specialises in design, manufacture, testing and repair of light-weight, composite structures. With over 30 years of experience in product development, ACS-A is the ideal partner to deliver Defence solutions.

Agent Oriented Software

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AOS is an Australian-owned AI and robotics company specialising in developing autonomous systems for Defence (air, missile and EW) and agriculture (the Kelpie autonomous ground vehicle). This includes AI concepts for symbolic approaches, machine learning (pattern matching), intelligent search and constraint programming. It incorporates sensor technologies that enable situational awareness. Notably the Teamed Autonomy Stack is the basis of all AOS multi-vehicle, teamed autonomous applications.

Air Radiators

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Air Radiators specialises in design and manufacture of heat transfer and air movement solutions. We have the technical expertise and diverse product range to design the best technical and commercial solution to meet customer requirements and are a trusted supply partner to Global OEMs such as Kenworth, Caterpillar and Cummins.

APV Corporation

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APV operates Australia's most advanced Safety, Survivability and Environmental T&E facility. Our engineering and design capabilities makes us a preeminent OEM of occupant restraints for the world's most advanced protected military vehicles. APVFutureEdge in collaboration with FRC, Memko and RMIT brings advanced Research and T&E services within your reach. APV proudly keeping Australian and U.S. troops safe.

Amiga Engineering

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Largest Advanced Manufacturing company in Australia providing Metal and Polymer 3D Printing, CNC machining, Industrial gearboxes, 3D Scanning and Metal ultrasonic atomising in one location. In recognition of our Australian Sovereign Industry Capability, Amiga has developed a complete designed and manufactured Australian suppressor using Metal Additive Manufacturing.

Australian Automotive Research Centre

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The Linfox owned Australian Automotive Research Centre (AARC) occupies a 1000-hectare site near Anglesea Victoria and is the largest independently operated automotive testing facility in the country. At AARC defence orientated vehicles can be tested and validated on a variety of obstacles and off-road tracks, and specific test sites can be developed to meet exact testing requirements.

Australian Precision Technologies

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APT is a focused and committed precision engineering partner with a strategic focus on Defence outcomes. Our state of the art facility is equipped with the latest CNC Lathe and Milling technologies. APT builds enduring partnerships through our core values of Quality, Teamwork and Honesty to ensure product delivery and full engagement with our customers. APT strives to excel through continuous improvement, investment in cutting edge capability and Industry 4.0 enablers.

AVT Australia

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AVT Australia is a leading supplier of lightweight, gyro-stabilised imaging systems for intelligence, surveillance, and reconnaissance (ISR), and target acquisition operations. Recognised for our expertise in advanced engineering services, AVT Australia is a trusted supplier of imaging solutions for our Australian defence customers and international customers, with systems supporting airborne, ground and maritime operations in over 50 countries. AVT Australia is ISO 9001:2015 certified.



Coolon LED Lighting

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Australian designer and manufacturer of ruggedised LED lighting solutions for Defence and mining. Coolon has a track record of providing bespoke product design and integration services, with full supply chain traceability to DoD and defence industry. Coolon has been recognised for its best practice I4.0 implementation which enhances its quality-controlled manufacturing environment. Coolon’s innovative technology that uses lighting as a backbone for wireless communications has been recognised Best Industrial IoT Application (Endeavour Awards). These lighting and communication capabilities are applicable to a range of Defence platforms, Fixed Infrastructure and Deployable Operations.

Corvus Technology Solutions

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Corvus Technology Solutions (previously AES) delivers sovereign manufacturing, precision machining, precision assembly, integration, testing capabilities, project management, design & engineering with the reach and depth of our extensive Global Supply Chain. Our mission is to be a leading manufacturer of high quality, innovative solutions, servicing the Defence Market.

Defence Science Institute

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

Geelong Defence Alliance

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Geelong Defence Alliance (GDA) is a collaboration between Geelong based industry and key stakeholders focused on increasing local involvement in the defence industry. GDA is a central point of contact for organisations interested in doing business with Geelong, and it champions involvement in key projects across all defence domains, identifying and coordinating opportunities, facilitating information and advocating for Geelong business in defence based initiatives.

Integra Systems

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Established in 1991, Integra Systems is a 100% Australian enterprise specialising in the design and manufacture of products centred around light metal. As leaders in i4.0, Integra Systems operates a fully digitised design-led advanced manufacturing facility which constantly pushes the boundaries to produce the highest quality metal products in the most efficient manner.

Integrated Design & Engineering Solutions

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IDES is a Melbourne based and Australian owned, Advanced Product Development & Systems Engineering company, focusing on the integration of mission and safety critical systems. Since 2009 IDES has delivered Engineering, Prototyping, Evaluation, Manufacturing, Commissioning and Support solutions to Australian Forces both at home and deployed overseas.

Latrobe Valley Defence Alliance

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www.latrobe.vic.gov.au/city/invest\_in\_latrobe/  
latrobe\_valley\_defence\_profile  
Latrobe Valley Defence Alliance is a representation of 24 specialised engineering and manufacturing companies located in Victoria’s Latrobe Valley, approximately 150kms east of Melbourne, accessible to national and international markets via existing transport infrastructure. Latrobe Valley’s large skilled workforce is primed to transition its long history of advanced manufacturing into supporting the defence supply chain.

LEAP Australia

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LEAP supports companies to adopt computer-aided engineering software to optimise the performance of defence equipment using cutting-edge technologies:

- Simulation: Structural Design, Fatigue, Thermal, Aerodynamics (FEA/CFD)
- Internet of Things (IoT), Digital Twin
- Augmented Reality (AR) for training, service & maintenance
- PLM, Documentation (Control, Requirements & Calculations).

Logistic Engineering Services

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Logistic Engineering Services (LES) is a Consulting and Professional Service Provider (PSP) delivering Integrated Logistics Support services in acquisition and sustainment. LES offer a network of experienced project managers, engineers, logistic analysts, programmers, trainers and technical personnel, thereby providing solutions to management, engineering, maintenance, engineering logistics, logistic and training needs.

Mackay Consolidated Industries

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Mackay is a rubber and composites manufacturer encompassing design, development, manufacture and through-life support. The organisation is 100% Australian family-owned, with 90 years of rubber experience, servicing the Automotive, Industrial and Defence sectors, both locally and internationally. Mackay Defence experience covers the domains of, Sea, Land, Air and Weapon Systems.

Marand Precision Engineering

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Marand Precision Engineering Pty Ltd engineers, manufactures and sustains complex and innovative equipment and products for the defence, aerospace, mining, rail, and energy industries. Our customer base includes prime contractors such as Lockheed Martin, BAE Systems, Boeing, Rolls Royce and Rheinmetall.

Moog Australia

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Moog Australia established in 1979, is a wholly owned subsidiary of Moog Inc, a leading global supplier delivering motion control and electronic solutions to the military. As a Defence supplier since 2003, Moog Australia has been actively supporting the efforts of Australian and New Zealand’s operational and training forces. Moog provides mission critical systems and components across Land, Air and Sea platforms including the F/A-18 Hornet and Super Hornet, Black Hawk, AP-3C Orion, ASLAV, M113AS4, M1A1, LHD, AWD, Collins-Class Submarine and future platforms including the F-35 Lighting II Joint Strike Fighter and the Boxer CRV. Moog’s mission is to design and manufacture mission critical defence solutions from Australia for the Asia-Pacific, focused on weaponisation and precision motion control.

Nexus Training Solutions

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Nexus Training Solutions (NTS) is an Australian based training and technology provider to military and law enforcement organisations around the globe. NTS operates across three (3) core functions to meet the training innovation and development objectives of our customers; Training Transformation, Workforce Augmentation and Technology Integration.

Nezkot

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Nezkot Pty Ltd specializes in the precision machining of components and assemblies to the global aerospace and defence industries to ISO9001:2008 + AS9100D. Our continual investment in the latest technologies and development of our world class manufacturing capabilities ensures that we are able to support all major programs. Nezkot has the technical expertise and the passion to deliver exceptional results with a strong focus on creating customer competitive advantage with innovative processes.

Parish Engineering Co

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Parish Engineering Co. Pty. Ltd, established in 1944, is a repetition manufacturer, supplying precision components to a range of industries, including defence, heavy vehicle and automotive. We use the latest technologically advanced CNC lathes and machining centres, along with an unrelenting commitment to quality, guaranteeing our customer’s total satisfaction.

Real Response

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Real Response is an Australian registered training organisation (RTO) with a mission to ‘Empower People with Vital Skills to Navigate Critical Situations’. Their tactical trauma training team are delivering capability for defence, law enforcement and other high-risk agencies globally. In addition their Extended Reality (XR) team are building solutions for unique training needs within the tactical and military medical space.

Ronson Gears

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Ronson Gears is a world competitive gear manufacturer utilising high end CNC gear cutting and gear grinding equipment. We are ISO9001 and AS9100 certified and produce high end, high value spur gears, helical gears, bevels gears and geared sub-assemblies for a number of Defence programs.

Stahl Metall

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Stahl Metall specialises in Design and Manufacture of Custom Cable and Harness Assemblies, Complete Communication, Power / Electrical Enclosures & Box Assemblies, C4i / C4ISR System Hardware, Custom Metalwork and Distributing of High-Performance Interconnect Components, Earth Bond Products and IP68 Enclosures. Full ‘Plug and Play’ Systems.

Stealth Electric Bikes

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Established in Melbourne, Stealth Electric Bikes has been recognized as a world leader in design and commercialisation of electric drive technology since 2008. Stealth Electric Bikes offer a range of non-traditional solutions for combat personnel recovery, reconnaissance and rapid deployment when speed, stealth, endurance, and flexibility of ground operator movement is required.

Sutton Tools

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

SYPAQ

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SYPAQ, an Australian, veteran-owned consulting, systems integration and technology company has supported the Defence, Aerospace and National Security markets for 30 years. SYPAQ delivers world-class services and technology solutions across high security, complex, software intensive domains includes our range of Corvo autonomous system, C5ISREW solutions, and artificial intelligence research and development capabilities.

Tectonica Australia

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Tectonica Australia is a leading developer of soldier worn power and data communications solutions, vehicle situational awareness systems and navigation systems. Tectonica’s clients include Government departments across Australia, the US, the UK and Germany as well as global Defence Contractors. Tectonica focuses on providing cutting edge technology to meet the capability challenges of the future.

Textron Systems Australia

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Established in 1995 in Melbourne, Textron Systems Australia has been a pioneer in Unmanned Aerial Systems (UAS) for more than two decades. Today, we continue to deliver innovative UAS solutions to international customers. Through the Aerosonde Unmanned Aerial Systems it extends human capability in difficult and dangerous endeavours, has interoperable command-and-control solutions and comprehensive services make us the trusted, proven partner for both military and commercial applications.

YTEK

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YTEK is a specialist integrator with expertise in Modelling, Simulation and Training. YTEK leads the field of automated training performance analysis and reporting with its unique AAR and Training Data Analysis and Insights solution, ExTrace®. YTEK provides engineering and scientific services to Defence, and supplies state-of-the-art simulation, interoperability and TDL products for operational, training, decision support, and experimentation.

ZenithGroup

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ZenithGroup are experienced manufacturers and suppliers within the defence supply chain and present a unique value proposition to Primes, Sub Primes, Tier 1 and Tier 2 enterprises. Collaboration strengths include reducing risk, project management, production versatility and much more. ZenithGroup is a very flexible & responsive supply chain partner.