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VICTORIAN DEFENCE INDUSTRY

LAND SYSTEMS

MISSION POSSIBLE
DEFENCE EXCELLENCE

VICTORIA

Victoria has a proven record in the delivery and support of land equipment, products, systems and services to the Australian Defence Force, as well as substantial engineering and research and development capabilities.

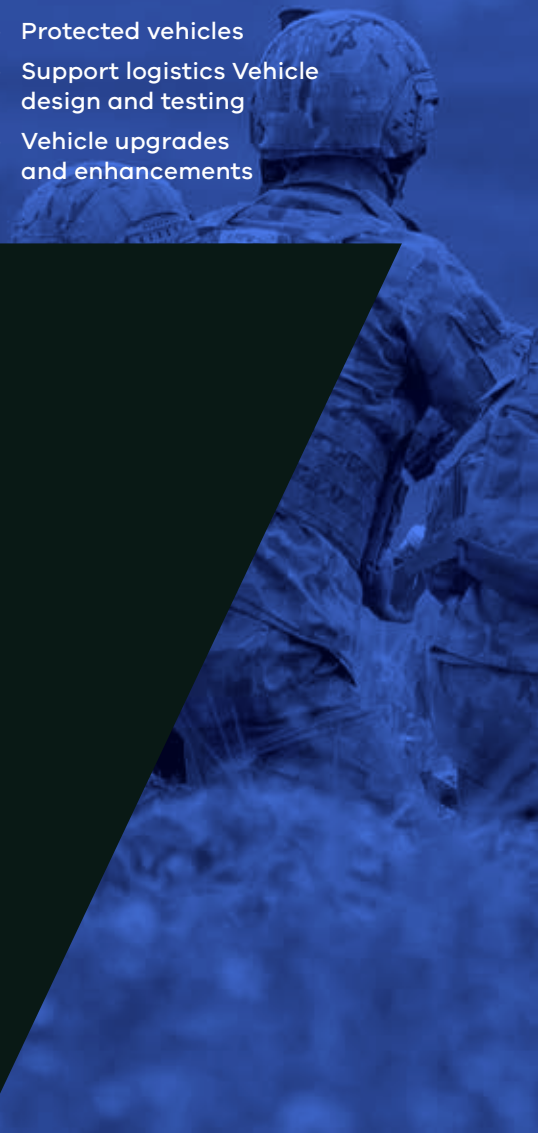
More than 300 businesses are involved in land defence systems in Victoria, including manufacture of protected vehicles, combat systems, munitions and defence apparel.

The Department of Defence's Land Systems Division is also based in Victoria, adding to the state's strengths in defence land systems development and providing unrivalled access to the buyer.

Proven expertise

Victoria has an experienced supply chain and a workforce with exceptional skills and capabilities in land defence. The state's land systems capabilities include:

- Ballistic protection for personnel and vehicles
- Combat clothing and personal load carrying equipment
- Communications, command and control systems
- Military training and support
- Munitions and countermeasures
- Protected vehicles
- Support logistics Vehicle design and testing
- Vehicle upgrades and enhancements



Industry leaders

Thales's Bushmaster and Hawkei vehicles are manufactured in Bendigo and Supacat's and Rheinmetall MAN Military Vehicles' engineering design facilities are located in Melbourne. Elbit Systems of Australia produces systems and sensors for land forces covering all aspects of combat vehicles. Another Victorian company, Australian Defence Apparel has been supplying the Australian Defence Force for 100 years. The company is widely recognised as being at the forefront of defence combat clothing and general protective equipment.

Chemring Australia, located in Lara, manufactures and supplies a range of air and sea launched countermeasures and is Australia's leading designer and manufacturer of specialised military pyrotechnics, pyrotechnic countermeasures and special purpose devices. Winchester Australia in Geelong is a supplier of ammunition to the Australian Defence Force as well as supporting and selling weapons, optics and less lethal ammunition.

Other significant Victorian land systems companies include:

- Able Industries Engineering
- Agent Oriented Software
- Albins Performance Transmissions
- AME Systems Pty Ltd
- APV Safety Products
- Aquaterro
- A.W. Bell
- Bruck Textiles
- DefendTex
- DVR Engineering
- Hofmann Engineering
- Hosico Engineering Group
- Integrated Design & Engineering Solutions
- L3 Technologies
- Logistic Engineering Services
- Logistic Solutions Australasia
- Mackay Consolidated Industries
- Marand
- Penske
- Point Trading
- Refuel International
- RPC Technologies
- SEM Fire and Rescue
- Tectonica



Research and Development

Victoria is a global leader in research and development. The state has one of the largest research and development clusters in the southern hemisphere and produces commercially focused and ground-breaking research.

Defence technology research is undertaken by Victoria's tertiary institutions, often in collaboration with Department of Defence, industry and other national and international institutions. Victoria receives approximately 28 per cent (\$2.8 billion) of national university R&D spend and approximately 32 per cent (\$19.5 million) of national university defence R&D spend.

Elements of the Defence Science and Technology Group (DST Group) are based in Melbourne.

The DST Group has strong capabilities in electronics, systems engineering, platform information systems, autonomous systems, medical countermeasures, and other digital and electronic technology.

The Defence Materials Technology Centre (DMTC), also based in Melbourne, works with Department of Defence, industry and research institutions in relation to the development and supply of new materials technologies, electronic systems, advanced components and manufacturing processes.

Victoria's Defence Science Institute harnesses the exceptional capabilities of Victoria's universities to deliver multi-disciplinary solutions for the defence sector. It also facilitates the growth of defence science research networks between academia, the DST Group and defence industry.

Working together with industry

The Victorian Government's vision is for an innovative, globally competitive, highly skilled and adaptive defence industry that maintains its position at the leading edge of providers serving the Australian Defence Force and global supply chains.

Victoria, with its strong supply chain and many years' experience in land systems can play a major role in land defence capability and sustainment. The Victorian Government will continue to work closely with the Commonwealth Department of Defence and defence industry to identify and support strategic industry capability requirements, including domestic and international land defence projects.

Further information

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Images: Hawkei courtesy of Thales Australia, HMT courtesy of Supacat, uniform production courtesy of Australian Defence Apparel.

MISSION POSSIBLE
DEFENCE EXCELLENCE



Victoria's defence sector is an important part of the state's economy, contributing up to \$8 billion annually.

The sector employs approximately 20,000 people and has more than 400 businesses which make equipment and provide services for defence activities.

