

Capability Statement

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South Australia is known as the nation's 'Defence State'. The defence industry contributes \$1.2 billion to the state's economy and seven of the world's top defence companies have their headquarters or a significant presence in the state. The South Australia Defence Sector Strategy 2030 sets a higher ambition - that by 2030 South Australia will be recognised as an international leader in the defence and space industries.

The COVID-19 pandemic, a rise in malicious cyber activity, and heightened trade and land disputes in the past few years have disrupted global supply chains, economies, and international alliances. In 2021, global defence spending reached an all-time high.

The rapidly evolving strategic environment has elevated national security as a critical focus for Australia. The Australian Government's 2024 National Defence Strategy recognises space and cyber capabilities as playing a significant role in safeguarding Australia's national security, noting that they are equally as important as the maritime, land and air domains that they support and enable.

The AUKUS trilateral security partnership between Australia, the United Kingdom and the United States will promote a free and open Indo-Pacific that is secure and stable. It will provide unprecedented opportunities for collaboration, information sharing and technology cooperation.

At Lot Fourteen, the business ecosystem co-locates defence, space and cyber businesses and complementary research institutes. The district's Defence and Space Landing Pad supports international companies to establish in South Australia to explore opportunities in the state's thriving defence and space sectors, and provides immediate connection to the co-located Defence Teaming Centre (DTC). The DTC is a nationally-focused member organisation helping Australian industry to increase capability and competitiveness in global defence markets.

The innovation district is also home to the Australian Space Agency, Mission Control and the Australian Space Discovery Centre, the SmartSat CRC (cooperative research centre), Australian Institute for Machine Learning and the Australian Cyber Collaboration Centre.

Specialisation at Lot Fourteen

Defence capability at Lot Fourteen is centred around information warfare, research and innovation with aligned strengths to four of the eight AUKUS advanced capability streams – quantum technologies, artificial intelligence and autonomy, electronic warfare and advanced cyber. Cross-sector collaboration between defence, space and cyber sectors is catalysed by co-location.

State and National context

South Australia is playing a central role in supporting delivery of Pillar I of the AUKUS trilateral security agreement through construction of Australia's next-generation conventionally-armed, nuclear-powered submarines, SSN-AUKUS, at a new purpose-built Submarine Construction Yard at Osborne on the LeFevre Peninsula.

Three key dedicated defence industry precincts are located in the Greater Adelaide Area: Technology Park Adelaide; Edinburgh Defence Precinct; and Osborne Naval Shipyard. In addition to delivering the SSN-AUKUS fleet, Osborne Naval shipyard supports ongoing large scale shipbuilding projects, including upgrades to the existing Collins-class submarines, Arafura class Offshore Patrol Vessels (OPVs) and new Hunter class frigates.

Supported by the South Australian and Australian governments, the Skills and Training Academy Campus at Osborne will support pathways into and within the submarine and naval shipbuilding workforce, including developing skills required for the construction of the SSN-AUKUS nuclear-powered submarines.

Regional South Australia is also home to the world's largest land-based test range – Woomera Range Complex and Cultana Training Area.

Lot Fourteen has well-established strengths in advanced capabilities that align to AUKUS Pillar II, including quantum technologies, artificial intelligence and advanced cyber. This will be further supported by the Australian Defence Technologies Academy – a defence-focussed education and research facility operated by the new Adelaide University (due to open in 2026), co-funded by the State and Federal governments under the Adelaide City Deal.

The current South Australian Defence Industry workforce is approximately 3,500 and is expected to grow to over 11,000 by the 2040s including:

- o more than 8,500 direct jobs, which includes 4,000-5,500 jobs in South Australia to build SSN-AUKUS and
- o 2,900 jobs in lower tier supply chains.

Engineering and operations skill sets will be in particularly high demand. An additional 4,000 workers will be employed to design and build infrastructure for the Submarine Construction Yard at Osborne Naval Shipyard, the future home of construction of Australia's nuclear-powered submarine fleet.

Value proposition

Lot Fourteen is a world-class innovation district that offers:

- Co-location with defence, space, cyber and creative industries clusters with a focus on enabling critical technologies
- Secure working environments, underpinned by a robust district security framework
- Close proximity to leading education and training institutions
- Avenues for collaboration between industry, world-class universities and research organisations
- Accessible CBD location with state-of-the-art facilities
- A focus on sustainability and wellbeing as a certified 6-Star Green Star Community and WELL Community Standard district
- An emphasis on supporting First Nations people and culture.

Future areas of growth

BAE Systems Australia will establish its head office at Lot Fourteen in Adelaide, as the major defence prime continues to grow its defence presence as it continues work on the Hunter Class Frigate and AUKUS submarine programs. Signing on as a cornerstone tenant in Lot Fourteen's Innovation Centre, bringing its headquarters, and approximately 500 employees to the innovation district positions BAE Systems at the centre of South Australia's defence and critical technologies innovation, with greater connectivity to their operations and partnerships at Osborne Naval Shipyard and Edinburgh Defence Precinct, Tonsley Innovation District and Findon Technical College.

Skills and education

With South Australia home to some of the most defence-engaged universities in the nation, Lot Fourteen is a vital connector to the state's world-class research community, situated adjacent to the city campuses of the University of Adelaide and the University of South Australia, and co-located with the Australian Institute for Machine Learning, a key player in improving the nation's defence capabilities.

The School of Information Operations (SOIO) located within the Australian Cyber Collaboration Centre at Lot Fourteen also offers a wide range of different defence training courses including Electronic Warfare, Undersea Warfare, Defence Space Operations, Uncrewed Aerial Systems and Cyber.

An Australian defence technologies training facility at Lot Fourteen is currently under development which will drive sovereign defence capabilities in South Australia. The \$60 million Australian Defence Technologies Academy will be operated by the new Adelaide University. The state-of-the-art facility will provide digital training, education and research capabilities (advanced technologies) critical to the defence industry, while aligning with other sectors including space and cyber.

Key defence tenants



Partnerships and collaborations

Committed to building cyber capacity and securing Australia's digital landscape, the Australian Cyber Collaboration Centre fosters collaboration and growth across industry, academia, government and business sectors, driving greater awareness and uplift in cybersecurity resilience.

The RavensNest is a new dynamic and collaborative precinct at Lot Fourteen where defence, government, industry, and universities work side-by-side to solve the most urgent problems for the defence sector with focus, scale, and impact. QuantX Labs, DSTG and the University of Adelaide collaborated to create RavensNest at Lot Fourteen. 'A sandbox' for defence innovation where the risk of innovating new technologies is shared. The RavensNest has a sharp focus on delivering sovereign capability to the Australian Defence Force.

In 2023, Lot Fourteen-based companies CyberOps and School of Information Operations (SOIO), joined forces with other veteran-owned and operated Australian companies DEWC Services and Elysium EPL to boost Australia's sovereign Information Warfare capabilities. Collectively called the Australian Information Warfare Alliance, the technical expertise of its founding member organisations offer specialist support and expertise, training services, simulation and wargaming, sovereign research and development, as well as in-house capability development.

For more information about the Space sector at Lot Fourteen or interested in tenancy please contact tenancy@lotfourteen.com.au or visit our website:

lotfourteen.com.au