

Capability Statement

Cyber_sector

LOT
FOUR
TEEN

The evolution of digital technology is driving major economical and societal changes, leading to greater opportunities and efficiencies. However, an increasingly digitally connected world can also be exploited for nefarious purposes.

The rise of cybercrime globally has caused significant impacts - from financial loss, to reputational damage, to serious breaches of privacy.

Governments, businesses and individuals are recognising the need for robust cyber security to protect their information and assets.

At Lot Fourteen, cyber security organisations are working hard to build cyber-resilience and protect Australia's critical digital infrastructure.

The 2023-2030 Australian National Cyber Security Strategy discussion paper identifies the Government's ambition to establish Australia as the most cyber secure nation in the world by 2030. The Australian cyber security sector currently employs over 26,500 people.

The Australian Cyber Collaboration Centre (Aus3C) at Lot Fourteen has the largest commercial cyber range in the Australia is the sole cyber centre in Australia that brings together education, industry, public and private sectors, fostering collaboration and synergy, and building the sovereign capability of our nation.

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 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.

Strategic partners

AUSTRALIAN Cyber
Collaboration
Centre



Australian Government
Department of Defence
Defence Science and
Technology Group



Government
of South Australia
Department of the
Premier and Cabinet



THE UNIVERSITY
of ADELAIDE

AUSTRALIAN
INSTITUTE FOR
MACHINE LEARNING



Australian Cyber Collaboration Centre Cyber Range, Lot Fourteen, North Terrace, Adelaide, South Australia.

Specialisation at Lot Fourteen

Australian cyber expertise includes secure mobility solutions, quantum encryption, AI-driven deception, IoT security, and cloud security. South Australia's space and defence sectors are being enhanced and strengthened by cyber security capability at Lot Fourteen.

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

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Our future workforce

Lot Fourteen delivers cutting edge training in cyber security and associated industries.

Aus3C offers pathways and world-leading training solutions to enhance and expand the pool of cyber talent through the Cyber Academy, featuring courses like ASD IRAP and Cisco Skills for All.

In early 2023, a United Nations computer science researcher, Dr Mamello Thinyane, was appointed the inaugural Optus Chair of Cyber Security and Data Science at UniSA. Dr Thinyane leads a growing team of researchers within the Cyber Security Research and Collaboration Hub at Lot Fourteen, focused on innovative research and teaching. The team facilitates cyber career awareness events in the Cyber Range at Aus3C, including sessions for school students.

As the demand for cyber security skills continues to grow, Lot Fourteen is perfectly placed to continue to deliver training and education needs for the sector.

Future areas of growth

The Australia, United Kingdom, United States partnership (AUKUS) includes a focus on advancing key capabilities of cyber, innovation and electronic warfare. Lot Fourteen is perfectly placed to support the advancement of these key capabilities through existing tenants, and the expansion of other aligned industries.

Key cyber tenants



Partnerships and collaborations

In 2022, MITRE Corporation, a globally recognised leader in cyber, established its Centre for Information Integrity and Defence at Lot Fourteen. Co-located with DTEX Systems, the Centre is MITRE's first international applied research facility. 11point2, an entrepreneurship-as-a-service company, works closely with MITRE and DTEX Systems, establishing a shared workplace with these companies, alongside RAA, and Space Machines Company. The relationship between the organisations is fostering innovation and growth, with the shared facilities and technology creating multiple opportunities for collaboration and advancement in cyber and beyond.

Cisco has signed a memorandum of understanding (MOU) with the Australian Cyber Collaboration Centre (Aus3C) to further elevate cybersecurity capability and skills in Australia. Cisco relocated its Adelaide office to Lot Fourteen in 2021, setting up a Critical Infrastructure Lab – a test lab facility for all critical infrastructure operators will also be located at Aus3C. Cisco has provided the latest networking and collaboration technology to Cyber Range onsite with Cisco Networking Academy partners - universities, TAFE institutes and schools gaining access to the facility, further expanding its impact.

In addition to its successful commercial cyber business cybersecurity specialist CyberOps is developing a dedicated cyber testing and training facility at Lot Fourteen for Australia's space sector. With \$2.5 million funding from the Department of Defence, the facility aims to increase Australia's space sector's cybersecurity readiness and boost the security of critical space infrastructure and sensitive data. It will provide testing for space hardware and services, as well as a simulation environment to be used by space operators and cyber practitioners.

Aus3C has established the Australian Insider Risk Centre of Excellence (AIR CoE), dedicated to strengthening our nation's cyber resilience through collaborative insider risk management. The Centre of Excellence will enable collaboration between government, industry and academia and will advance global security and resiliency through community building and knowledge transfer.

The new initiative has already brought together 700 practitioners from across Australia and the Five Eyes countries – Australia, Canada, New Zealand, the United Kingdom and the United States.

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