

AUSTRALIAN **Cyber**  
**Collaboration**  
**Centre**



# OVERVIEW



# The Australian Cyber Collaboration Centre

The Australian Cyber Collaboration Centre (A3C)  
is a mission-driven, not for profit organisation



**Mission 1:** Provide best practice, full spectrum cyber courses to quickly increase the supply of skilled workers to the industry



**Mission 2:** Help enterprises to launch new cyber products and services to global markets



**Mission 3:** Build cyber awareness and resilience in Australian corporates, Small to Medium Enterprises (SME) and government



**Mission 4:** Solve real-world cyber challenges through collaboration



## The Australian Cyber Collaboration Centre will:

- house a cyber academy and cyber test range facility
- provide physical spaces for collaboration
- provide a range of cyber infrastructure to support product testing and training
- provide access to and delivery of training courses
- raise awareness of cybersecurity careers and increase the supply of skilled workers
- lift the skills of workers to meet industry requirements and standards.

*The organisation will utilise a tiered membership model for organisations to gain access to services and value being created from the centre.*



The centre is located at Lot Fourteen in the heart of Adelaide, a city recognised as one of the world's most progressive places. Lot Fourteen has become a globally significant nucleus of diverse yet connected industries, and a place where businesses can start, grow and thrive.

This seven-hectare innovation neighbourhood is bringing together innovators from across the world to share spaces, experiences and most of all ideas.

# The Cyber Training Academy

The Cyber Academy will be used to train all levels of the cyber workforce, work to raise awareness at secondary school level, and provide formal training at the technical, professional and C-suite level.

Designed to leverage existing training material where possible from a number of organisations, including from local and overseas universities. The Academy will also develop specific training courses where gaps in the market are identified.



# Services

## Outreach

- The Centre will engage with secondary schools, TAFE SA, universities and other institutions to raise awareness of, and generate demand for, cybersecurity careers.
- A3C members will be able to participate in the outreach program to gain access to Australia's top future talent.

## Career mobilisation

- A3C will administer and coordinate work experience, graduate and trainee programs via flexible delivery models.
- Members can access these programs through a simplified commercial model that reduces administrative overhead and provides an optimum experience for the individual and the host firm.

## Recruiting and transition services

- A3C's recruiting and transition services partners will have recognised industry experience in cyber, ICT and other industrial sectors, and will be sensitive to member priorities such as retention and workforce development.
- They will provide valuable support to members who are re-sizing their operations or transitioning workers from their business.

## Advisory services

- A3C's workforce development partners will support members to develop cyber career and workforce development plans using the internationally-recognised workforce skills framework, NICE.
- They will provide specific advice on developing skills for cyber security career streams that meet industry capability requirements.
- They can also advise on developing individuals and teams to enhance growth and improve retention and team performance.

## One stop training portal

- The portal will provide access to accredited qualifications and certifications, micro credentials and non-accredited courses in cybersecurity delivered by external partners.

## Distributed and blended learning

- Online and workplace delivery
- Training in cyber awareness
- Tailored C-Suite courses
- Technical training in security design for software and hardware
- Team-based training, including Computer Incident Response Team and Security Operations Centre
- Insider threat detection

## Simulation-based training

- Real-time simulations of cyber-attacks using the cyber range.

## Training certification

- The A3C will partner with Registered Training Organisations (RTO) where require and will ensure all training is delivered to industry standards

# The Cyber Test Range



# Services

A test range facility that organisations can use to carry out security testing of equipment or network configurations in the knowledge that their production networks are safe from interference.

The Cyber Test Range will have tools and skilled operators that complement existing capability in SME's. It will provide a mix of internet facing and isolated networks for local cyber startups to showcase their tools to their fullest in a safe environment.

It will also provide a capability for SME's, researchers and government to collaborate, whilst allowing cyber security devices, software and techniques to be introduced into the environment for certification or standards-based testing to be performed, thereby assisting product to market.

## Hardware, software and wireless testing tools

- Evaluate exposed "Attack Surface".
- Access to industry standard tools and assessment baselines.
- Simulated real-world data injection infections and malicious data simulations.
- Assess to network exposures, iOS / Android apps, OS and Application Resilience

## Testing assistance or access to researchers and third parties

- On-site staff assistance, Academy and Range methodologies and access to partner organisations.
- Remote and local access to member resources.
- Identification and help to close exposed vulnerabilities.
- Reduce cost and improve schedule.

## A community that shares experience and approaches

- One stop portal and collaboration area.
- Engagement with researchers, security community and industry.
- Access to standards, methodologies and skills.
- Engagement with other industry experts and vendors.

## To learn more contact

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