

# Enabling National Security & Defence



## Mission-critical networks

Build a reliable and intuitive network and applications infrastructure: the foundation for every mission.



## Protecting Australia's critical infrastructure

Get data security and privacy from the enterprise to the tactical edge.



## Talent development and digital skills

Develop skills across critical capability areas including cyber security, networking, automation and Internet of Things.



## Partner in innovation

Co-innovate with Cisco in core areas such as next generation networks, security, transport / logistics, digital health and advanced manufacturing.



## Trusted Defence Partner

Cisco is a strategic partner across global Defence and National Security organisations through long-standing relationships with established coalition nations.



## Investor in the Future

Cisco spends US\$7B annually on technology-based R&D. Locally, Cisco has invested \$60M+ in Australian innovation and digital development capabilities.



## Technology Leader

Cisco leads the development and implementation of secure networks, intelligent orchestration & automation, and intent-based infrastructure solutions.

# Future of Technology for National Security & Defence

For more than 30 years, Cisco has been committed to changing the way the world works, and our partnership with National Security & Defence customers enables and empowers some of your most difficult mission needs. We understand the importance of data-centric digital capabilities built upon a secure platform from the edge to the cloud and across multiple domains that enables flexible and secure movement of sensitive information and communications anywhere, anytime, in any mission environment.

## Foundational Principles

Data where it's needed at mission speed

Increased capacity to share information securely

Organisational agility unconstrained by ICT systems

Enhanced integration and interoperability

Business continuity for critical infrastructure

Intelligent orchestration and automation

**1** Secure delivery of data and applications at speed and scale, resulting in a quality end-user experience



Multi-cloud architecture



Application rationalisation



Flexible consumption



App visibility

**2** Transforming connectivity with intent-based networking that drives visibility and resilient communications from HQ to battlefield, including Wi-Fi 6 and 5G



Automated provisioning



Secure, policy-based automation



Complete network visibility



Fast, easy service enablement



Intelligent orchestration

**3** Delivering immersive collaboration experiences that cater for new ways of working, with end-to-end encryption and trusted hosting



Integrated solutions



Device compatibility



Unified collaboration



Simple & secure



Secure communications

**4** Building integrated, resilient, end-to-end security solutions that provide high visibility and fast response times



Integrated solutions



High visibility & awareness



Security automation

# Cisco's National Security Capability

 <b>Enterprise ICT</b>	 <b>Deployed Networks</b>	 <b>Research &amp; Innovation</b>	 <b>Defence Industry</b>	 <b>Technical Advisory</b>
<p>Cisco is a provider of core Data Centre, Network, Collaboration &amp; Security technologies at the foundation of current strategic networks. We have been a strategic partner in various Defence data centre programs devised to improve the effectiveness and efficiency of centralised processing, end-user compute and other private cloud programs.</p>	<p>Cisco is a longstanding partner in the development and delivery of military operational networks in the Maritime, Land and Air domains. This has extended to the conceptual design and delivery of key coalition and simulation network capabilities. Supporting the welfare of deployed forces is also a key communications requirement where Cisco provides the core technologies for the Amenities Internet Access and Life at Sea initiatives.</p>	<p>Innovating for the next generation of ICT capabilities is part of Cisco's DNA. This extends to our customer R&amp;D endeavours as Cisco provides core research network capabilities and partnerships with the Defence Science &amp; Technology Group and other universities in Australia. Cisco is also a foundational partner within the Land Network Innovation Centre, providing essential technical expertise for the Army's R&amp;D program.</p>	<p>Cisco is a trusted supplier of ICT products and services to the Australian Defence industry. This includes companies directly involved in the supply chain of Defence manufacturing programs such as naval shipbuilding. We have also worked with Defence and its strategic partners in the design and implementation of ICT hub-based solutions for the secure exchange of data.</p>	<p>Cisco continues to deliver substantial network architecture and cyber security advisory programs that are assisting Defence to address current risks as well as define future capability roadmaps and plans. This thought leadership extends into shared research and insights from Cisco's Cyber Intelligence Agency (Talos), along with published white papers on cyber resilience, next generation networking and the future of work.</p>

## Enhancing Australia's Security Interests

### Digital Skills

The Cisco Networking Academy trains people in design and management of networks and security. This is embedded into core elements of Defence training courses, as well as broader industry partners and veterans' organisations.

### Classified Network Support

Aligned with similar models implemented by coalition partners, Cisco plans to establish a dedicated Australian-based high-touch ICT engineering and operations team to directly support our National Security & Defence customers and partners.

### Cyber Resilience

Cisco delivers a range of initiatives to build cyber resilience. For example, Cisco recently completed a whitepaper with the University of Adelaide focused on next generation networks with the formation of a Critical Infrastructure Lab for Defence and National Security R&D.

## Technologies



ICT Infrastructure



Cyber security



Internet of Things



Artificial Intelligence



Unified Communications

# Cisco Australia's Research and Innovation Assets

→ One of the largest local workforces of engineering and technical professionals

→ Leading national practice with a large ecosystem of expertise and partners

→ Dedicated Technical Assistance Centre

