

The 8th Australian Security Summit 2022 (AuSec)

Protecting Australia's Sovereignty, Values
and National Interests

Tuesday, 23 August 2022

Hotel Realm Canberra

Agenda at a Glance

Global tensions are escalating, and Australia's security outlook is more complex than ever as threats continue to rise against our values and sovereignty. The challenges facing the nation are numerous, varied and actors are employing evolving techniques of approach to gain a tactical advantage. The world is encountering a different approach to warfare, in the arena of cyber, and there is a hunger for intelligence and the power it wields. To defend and protect our national interests, people, systems, and infrastructure we need to think differently. A unified, robust approach is necessary to aid in the defence of our capabilities, safeguard our communities and keep our borders secure.

As the effects of the Covid-19 pandemic continue to ripple across the world, more online engagement and the rapid increase in remote working has created greater opportunities for cyber-attacks and espionage. This is also true of online recruitment for extremist groups. While the overall terrorism caseload in Australia has decreased in the last year, there has been a significant rise in radicalisation and specific-issue grievances. Coronavirus imposed lockdowns meant isolated individuals spent more time online, becoming more susceptible to extremist messaging.

The defence, security and emergency management sectors face the challenging task of remaining prepared in the face of uncertainty. As they employ emerging methods and technology to combat the most impending threats, three Nareas remain a major focus.

- 1. Cybersecurity** – With the average Australian spending a substantial amount of time online from remote locations, the risk of data breaches, attacks on systems of national significance and fraud have increased exponentially.
- 2. National Security Innovation** – As data, privacy and sovereignty play a more important role than ever in protecting Australia's national security interests, developing innovative technologies to improve our capabilities is vital.
- 3. Terrorism and Communities** – Lone actor terrorism threats and protests that may turn violent continue to threaten community safety.

Public Sector Network's **8th Australian Security Summit 2022 (AuSec)** will examine in-depth these areas that remain paramount to national security. Through collaboration, preparedness, and support for those on the frontline, sector leaders can continue to adapt to combat issues as they arise. The integration of new technologies and innovations is critical to the continued success of protecting the nation and its citizens.



Who You'll Meet

Senior Public Sector Leaders from:

- Department of Home Affairs
- ASIO
- Department of Foreign Affairs
- Australian Federal Police
- State Emergency Services
- Australian Border Force
- Department of Industry, Science and Technology
- Australian Defence Forces
- Australian Signals Directorate
- Australian Space Agency
- AUSTRAC
- National Security
- Border Control
- Defence Forces
- Cyber Security
- Intelligence Agencies
- Emergency Services
- Federal Policing
- Policy Makers
- Surveillance
- Data Management
- Risk Management
- Cloud Security
- Counter- Terrorism Officials

Benefits of Attending



Hear from sector leaders about the newest threats to national security and innovative methods of approach to help safeguard against them



Uncover the latest technologies and strategies to aid your organisation's preparedness and improve agency performance



Network with sector leaders and peers for top tier discussions on best practice, the latest in policy changes and how to achieve future readiness in challenging conditions



Discover how your organisation can collaborate with other agencies to strengthen the nation's defences against threats to data, infrastructure and democracy.



Your Inspiring Speakers



JONATHAN DEAN

*Chief Information Security
Officer*
Department of Defence



MICHAEL SHOEBRIDGE

*Director Defence, Strategy and
National Security*
ASPI



SAMUEL GRUNHARD

*First Assistant Secretary/
Deputy Group Manager*
Department of Home Affairs



JACQUI BARR

*Acting Assistant Director-General
Technical Threats and Visibility*
Australian Signals Directorate



SHANA UHLMAN

*Assistant Director General -
Cyber Defence Capability*
Australian Signals Directorate



JORGE CONDE

*PhD Researcher | Cyber Security
Cooperative Research Center*
Data61, CSIRO



NIMA TORABI

*Executive Manager, Security and
Resilience*
CSIRO



JOHN BALE

*Managing Director and Co-Founder,
Fortem Australia and Co-Founder,
Soldier On*



SCOTT LEE

*Assistant Commissioner Counter
Terrorism and Special Investigations
Command*
Australian Federal Police



REBECCA SHRIMPTON

Director - The Sydney Dialogue
Australian Strategic Policy Institute



BEN LAMONT

Chief Data Officer
Australian Federal Police



CAMILLE DE BURGH

*General Manager, Technology, Policy
and Engagement Branch*
**Department of Industry, Science and
Resources**



MARK MCINTYRE

Commander
Australian Federal Police



NICK O'BRIEN

*Associate Professor, Counter
Terrorism*
Charles Sturt University



TOBY AMODIO

Chief Information Security Officer
**Department of Parliamentary
Services**

Your Inspiring Speakers



LACHLAN COLQUHOUN

First Assistant Secretary, National Security Division and Departmental First Nations Champion
Department of the Prime Minister



PROFESSOR ELANOR HUNTINGTON

Executive Director - Digital, National Facilities and Collections
CSIRO



NADIA TAGGART

Director Cyber Security Operations
Department of Parliamentary Services, Australian Parliament House



VANESSA HOLBEN PSM

Deputy Comptroller-General, Group Manager Customs
Australian Border Force



GARETH MEYER

First Assistant Director-General, Economic and Thematic Assessment
Office of National Intelligence



ANDREW SEEDHOUSE

Chief of Cyber, Intelligence and National Security
Defence, Science and Technology Group, Department of Defence



STEVEN SEGUNA

Solutions Engineer
Cloudera



AIDAN TUDEHOPE

Managing Director - Government & Hosting
Macquarie Government



MICKY PERRE

APAC Security Strategist
Devo Technologies



JAX FONG

Security Advisory Lead
Avanade



GETHIN CONSTABLE

Director, Public Sector, Digital Advisory
Avanade



MATT WILCOX

CEO and Founder
FifthDomain



PHIL DAWSON

Managing Director
AUCloud



PETER FARRELLY

CISO
AUCloud



RAVI JAYAPRAKASH

Senior Solutions Engineer
Okta

Your Inspiring Speakers



MICHAEL WILLING

*Managing Director, Client Account
Lead - National Security*
Accenture



DARYUSH BAUDO

Senior Threat Intelligence Analyst
Recorded Future



MEG TAPIA

Principal Director
Accenture



STEVE DILLON

Head of APAC Architecture
Ping Identity



TRENT LEWIS PHD

Senior Data Scientist
Fivecast



ASJAD ATHICK

Senior Security Specialist
Elasticsearch



ASHLEY DIFFEY

Head of APAC & Japan
Ping Identity



TIM SPITERI

Chief Information Security Officer
Australian Federal Police



DANIEL BROAD

*Director Cyber Security Operations
Centre*
Australian Taxation Office



SHYVONE FORSTER

*Director Cyber Security
Operations*
Department of Home Affairs



JUSTIN COATES

Director
Bureau of Statistics



CARL JACKSON

Federal Government Leader
Vault Cloud



EDWARD FARRELL

Director, Principal Consultant
Mercury ISS



GAVIN COULTHARD

Technical Director A/NZ
Swimlane

Your Inspiring **Speakers**



ANDREW GOODALL

Senior Account Executive
Elasticsearch



GLEN BARCLAY

Senior Security Solutions Engineer
Rapid7



ANGELO FRIGGIERI

Managing Director
Accenture



JORDAN GILTRAP

*Solution Engineer, Symantec
Enterprise*
Broadcom Software



GREG SINGH

Regional CTO - Security
Symantec by Broadcom Software





JARRAD LISMAN

Product Manager
Fivecast



MALCOLM PURCELL

Sr. Director APAC
Fivecast

8:00am	Registration and Networking Breakfast
9:00am	Welcome to Country
9:10am	Welcome from Public Sector Network
9:20am	John Bale, Managing Director and Co-Founder, Fortem Australia and Co-Founder, Soldier On
9:30am	Welcome from the Co-Chair Michael Willing , <i>National Security Managing Director, Accenture</i>
9:40am	 Government Keynote: Transparency: A Precursor for Trust <ul style="list-style-type: none">Australia's rapidly-changing international strategic and economic environmentImplications for Australian security and prosperity Gareth Meyer , <i>First Assistant Director-General, Economic and Thematic Assessment, Office of National Intelligence</i>
10:00am	Partner Session: Go Beyond the Essential Eight with Secure Identity Experiences <p>It's a fact that we all need to go beyond the Essential Eight to protect our organisations from cyber threats. Today, let's level-set on how your identity and access management investments should already be helping you achieve the right target maturity levels. But we won't stop there, join Ash Diffey from Ping Identity to explore how seamlessly orchestrated identity security:</p> <ul style="list-style-type: none">Australia's rapidly-changing international strategic and economic environmentImplications for Australian security and prosperity Steve Dillon , <i>Head of APAC Architecture, Ping Identity</i>
10:20am	 Panel Discussion: Social Platforms: Data Mining for the Death of Democracy and Incubator for Extremism <ul style="list-style-type: none">How are nation states creating and exploiting opportunities to compromise our nation's security through online radicalisation, farming user profile data (TikTok), dating apps (Tinder, Bumble and Hinge), data mining and open-source intelligenceWhat we see is just the tip of the iceberg - What lies beneath?Creating 'circuit breakers' to stop the echo chamber effectBreaking cycles of exposure and reinforcement through social media platforms, chat rooms, and algorithmsPaving a path away from violence: Empowering families, schools, and communities to identify and intervene in radicalisation effortsLegislation and practice: What must we do differently now? <p>Facilitator: Meg Tapia, <i>Principal Director, Accenture</i> Jorge Conde, <i>PhD Researcher Cyber Security Cooperative Research Center, Data61, CSIRO</i> Rebecca Shrimpton, <i>Director - The Sydney Dialogue, Australian Strategic Policy Institute</i> Angelo Friggieri, <i>Managing Director, Accenture</i></p>
10:50am	Morning Tea and Networking Break

STREAMS	CYBER SECURITY NATIONAL BALLROOM 1	NATIONAL SECURITY INNOVATION NATIONAL BALLROOM 2	TERRORISM & COMMUNITIES NATIONAL BALLROOM 3 & 4
11:20am	Welcome from Stream Chair: Presented by Angelo Friggieri , <i>Managing Director, Accenture</i>	Welcome from Stream Chair: Presented by Aidan Tudehope , <i>Managing Director - Government & Hosting, Macquarie Government</i>	Welcome from Stream Chair: Presented by Katya Theodorakis , <i>Head of Counterterrorism Program, Australian Strategic Policy Institute</i>
11:30am 	Government Keynote: The Emerging Era of Cyber Warfare – Bolstering Our Defence Capabilities <ul style="list-style-type: none"> A new arena for conflict – how would it look? Why this is a shared threat and how Defence is responding? Jonathan Dean , <i>Chief information Security Officer, Department of Defence</i>	Government Keynote: Identity Security – Who Are We Anyway? <ul style="list-style-type: none"> Are you sure you are talking to who you think you are talking to? Tools to create fake identities - easily available and frequently being used The emergence of real-time undetectable synthetic media bringing uncertainty to the authenticity of on-line communications What is being done to address these vulnerabilities to protect the nation and its citizens? Andrew Seedhouse , <i>Chief of Cyber, Intelligence and National Security, Department of Defence</i>	Government Keynote: The New Age Terrorist: Who Are They and What Drives Them? <ul style="list-style-type: none"> Identifying the drivers: fear of societal collapse or a specific social or economic grievance or conspiracy New actors: Sorting the big talkers and wishful thinkers from those genuinely planning for violence Community engagement to dispel fear and violence from becoming part of the narrative Scott Lee , <i>Assistant Commissioner Counter Terrorism and Special Investigations Command, Australian Federal Police</i>
11:50am	Partner Session: Current State of Cyber Threats and the Ransomware Challenge As ransomware attacks continue to rise, organisations across the globe are facing increasing pressure to protect their citizens, workforce and reputations from harm. But what's driving this sudden upsurge, and what steps can your organisation take to keep bad actors at bay? This Session will cover: <ul style="list-style-type: none"> How to provide peace of mind to your risk and security executives and board that risk against the numerous threat vectors are being mitigated? As nasty as ransomware is, there are still many other attack vectors to protect against. What else is out there? How focusing on basic security hygiene can prevent ransomware How focusing on basic security hygiene can prevent ransomware Ravi Jayaprakash , <i>Senior Solutions Engineer, Okta</i>	Partner Session: The global shift from Data to Digital Sovereignty: Fortifying Australia's national security, economic growth, and sovereign control As the volume, velocity, and value of all forms of data and related value chains continue to increase, is the focus on data privacy and data sovereignty enough? - New language around the need for end-to-end sovereign digital capability to protect and control data and the systems and processes it drives, is emerging. The links between data, sovereignty, supply chains and the technology approaches that 'assure' these are imperative to a nation's national security, competitiveness, economic growth, and social cohesion - Australia's national resilience and autonomy. - Is this a simple and a natural maturity, a course correction, or an unanticipated step change from where we are now? Phil Dawson , <i>Managing Director, AUCloud</i>	Partner Session: Monitoring the Evolving Online Terrorism Landscape – Finding the Needle in the Haystack Identification of online networks, topics and risks that uncover radicalisation and expedite terrorism investigations Gaining strategic insights into defined terrorist groups through curated data sets & targeted risk analytics The role of Data Science in monitoring online recruitment, engagement and radicalisation across masses of online data. Trent W. Lewis , <i>PhD, Senior Data Scientist, Fivecast</i> Jarrad Lisman , <i>Product Manager, Fivecast</i>

12:10pm



CYBER SECURITY

Fire Side Chat

Nadia Taggart, *Director Cyber Security Operations, Department of Parliamentary Services, Department of Parliamentary Services*

Daniel Broad, *Director Cyber Security Operations Centre, Australian Taxation Office*

Shyvone Forster, *Director Cyber Security Operations, Department of Home Affairs*

NATIONAL SECURITY INNOVATION

Government Keynote: **Protecting Systems of National Significance**

- Supporting organisations to assist in protecting systems and critical infrastructure.
- The challenges and risks of automation in a national security context
- Turning policy and legislation into action to protect the nation

Samuel Grunhard, *First Assistant Secretary/Deputy Group Manager, Department of Home Affairs*

TERRORISM & COMMUNITIES

Government Keynote: **Australia's Border Vulnerabilities, Emerging Threats and Challenges**

- Intro on the scope of ABF input across the National Security spectrum
- Background of border vulnerabilities the lessons of Ironside and the Jardena response.
- The Operation Morpheous (OMCG) experience in reducing the on-shore risk and shaping community safety through character cancellations
- Detention and removal of high risk terrorist offenders.

Vanessa Holben PSM, *Deputy Comptroller-General, Group Manager Customs, Australian Border Force*



12:30pm

Partner Session: Trends in Infrastructure Usage by APT Groups

Recorded Future tracks the creation and modification of malicious infrastructure used by APT groups. Join Dars as he unpacks the trends of the Big Four detected in our research, spanning the past two years.

- Attribution remains challenging, and infrastructure is one element; adversaries can pivot to complicate such activity. False flag operations continue to unfold and are connected to geostrategic, military, political (hybrid) conflicts.
- False flag operations continue to unfold and are connected to geostrategic, military, political (hybrid) conflicts.

Daryush (Dars) Baudo, *Senior Threat Intelligence Analyst*, Recorded Future

Partner Session: Balancing the Scales for National Security Through a Human-Centered Approach

Australians have the expectations to be protected no matter how they live their lives. As Australia digitises many of its services for its people, Australians' have also transitioned their expectations to interact with secured systems that provides great experience. Let's explore how we can maintain this delicate balance through an inclusive human-centred design approach

Jax Fong, *Security Advisory Lead*, Avanade

Panel Discussion: Distant Attacks; Local Reverberations: The Effect of International Events on Radicalisation of Young Australians

- Minors preying on minors: Schoolyard grooming techniques
- Identifying, remaining vigilant and asking questions – what are the signs?
- Diversion from a dangerous path – how to counter radicalisation and address the behaviours driving minors to becoming susceptible

Mark McIntyre, *Commander*, Australian Federal Police
Lachlan Colquhoun, *First Assistant Secretary, National Security Division and Departmental First Nations Champion*, Department of the Prime Minister and Cabinet

Nick O'Brien, *Associate Professor, Counter Terrorism*, Charles Sturt University

12:50pm

**Panel Discussion: Are We Prepared for an Online Pandemic?**

- Acting swiftly in a heightened threat environment
- Playing on fear – how bad actors exploit public anxiety when designing new cyber attacks
- National cyber uplift – how collaboration between organisations can help protect the country as a whole
- Stopping the spread of an attack on the nation as a whole

Toby Amodio, *Chief Information Security Officer*, Department of Parliamentary Services

Shana Uhlman, *Director General - Cyber Defence Capability*, Australian Signals Directorate

Nima Torabi, *Executive Manager, Security and Resilience*, CSIRO

Justin Coates, *Director*, Australian Bureau of Statistics

Panel Discussion: The Race to Leverage ICT, AI and Cloud Resources to Bolster National Security Capabilities

- The power of information – why data and its analysis can help to protect the nation
- A solid investment – the importance of developing and implementing AI and cloud technology
- How do we compare – where does Australia fall in the international tech race?
- Improving our capabilities – what does the future look like?

Nadia Taggart, *Director Cyber Security Operations*, Department of Parliamentary Services Australian Parliament House

Ben Lamont, *Chief Data Officer*, Australian Federal Police

Tim Spiteri, *Chief Information Security Officer*, Australian Federal Police

Table 1: Building Digital sovereignty in a world of Global Supply Chain

Presented by Peter Farrelly, CISO, AUCloud

Table 2: Data mesh, data fabric, lakehouse - the rise and rise of modern data management

Presented by Steven Seguna, Solutions Engineer, Cloudera

Table 3: Securing Australia through Human-Centred design

Presented by Gethin Constable, Director, Public Sector, Digital Advisory, Avanade and Jax Fong, Security Advisory Lead, Avanade

Table 4: Table 4: Understanding how Identity sits at the intersection of security, user experience, and privacy

Presented by Ashley Diffey, Head of APAC & Japan, Ping Identity

Table 5: Know your adversary: Initial Access methods of cyber criminals and APT groups

Presented by Daryush Baudo, Senior Threat Intelligence Analyst, Recorded Future

Table 6: Using skills intelligence to manage your cyber workforce

Presented by Matt Wilcox, CEO & Founder, FifthDomain

Table 7: Stories of online extremism from the US - are there lessons for Australia?

Presented by Malcolm Purcell, Sr. Director APAC, Fivecast

Table 8: The Dawn of Secret Cloud

Presented by Carl Jackson, Federal Government Leader, Vault Cloud

Table 9: Test & evaluation- what does it mean?

Presented by Edward Farrell, Director | Principal Consultant, Mercury Information Security Services

Table 10: Privilege Management the next pragmatic step

Presented by Sean Walsh, Regional Director, Delinea

Table 11: Best practices for a successful SOAR implementation

Presented by Gavin Coulthard, Technical Director A/NZ, Swimlane

Table 12: How do you focus on those threats that are relevant to you?

Presented by Aidan Tudehope, Managing Director - Government & Hosting, Macquarie Government

Table 13: Understanding how Identity sits at the intersection of security, user experience, and privacy

Presented by Ravi Jayaprakash, Senior Solutions Engineer, Okta Australia

Table 14: What can you do before a cybersecurity event to prevent it from ever taking place?

Presented by Asjad Athick, Senior Security Specialist, Elasticsearch and Andrew Goodall, Senior Account Executive, Elasticsearch

Table 15: Simplifying Cloud Shift for Security Operations Teams

Presented by Mickey Perre, APAC Security Strategist, Devo Technology

Table 16: Destination Hybrid on the way to the (Secure Service) Edge

Presented by Greg Singh, Regional CTO - Security, Symantec by Broadcom Software

Presented by Jordan Giltrap, Solution Engineer, Symantec Enterprise Division, Broadcom Software

Table 17: Scaling Public Cloud Adoption, Securely

Presented by Glen Barclay, Senior Security Solutions Engineer, Rapid7

Table 18: Security is everyone's responsibility - greater collaboration for outcome between State, Federal, and Industry

Presented by Angelo Friggieri, Managing Director, Accenture

3:25pm **Welcome back from Co-Chair**
Meg Tapia, *Principal Director, Accenture*

3:30pm Government Keynote: **Cyber Espionage – A Real and Sophisticated Threat**

- Monitoring systems for unexpected behaviours to protect sensitive information from falling into the hands of bad actors
- Mitigating risk by protecting networks and educating your workforce
- Establishing effective response plans to detect and act if a breach occurs

Jacqui Barr, *Acting Assistant Director-General Technical Threats and Visibility, Australian Signals Directorate*

3:50pm Panel Discussion: **A United Approach – Security is a Shared Responsibility**

- Implementing emerging technologies to improve security capabilities
- Collaboration across federal and state agencies to revise and improve best practice
- A whole government, system and nation approach – streamlining policy for greater understanding and compliance

Facilitator: **Michael Willing**, *National Security Managing Director, Accenture*
Professor Elanor Hutington, *Executive Director - Digital, National Facilities and Collections, CSIRO*
Camille de Burgh, *General Manager, Technology Policy and Engagement Branch, Department of Industry, Science, Energy and Resources*
Michael Shoebridge, *Director Defence, Strategy and National Security, ASPI*

4:30pm **Closing Remarks and Introduction to Elastic Networking Drinks**
Johannes Swanepoel, *Principal Solutions Architect, Elastic*

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Thank You to our **Partners**



Main Stage Chair

Stream Chair

Platinum



Gold

Silver



Bronze

Networking Drinks



Exhibition



Lanyards

Roundtable

