



NSW Cyber Security Showcase

Safeguarding NSW's Future Through Proactive Collaboration

Tuesday, 10 October 2023

Queen Elizabeth II Grandstand, Royal Randwick Racecourse

Agenda at a Glance

The cyber threat landscape in Australia is increasingly complex. Three years ago, a cyber-attack was reported every 10 minutes. Fast forward to 2023, and attacks occur every 7 minutes, with 22% of these causing harm to someone in New South Wales.

Cyber security is not just an isolated concern; it's a comprehensive, whole-of-government endeavour. With the threat landscape as it is, the responsibility no longer wholly sits with the Cyber function to manage, but rather through a united front from technology, cyber and digital teams.

That's why, this year's NSW Cyber Security Showcase will be focusing on collaboration. With a diverse speaker line-up of senior thought leaders in this space, the program will showcase unique perspectives from leading NSW government agencies, industry, technology providers and academia.

Join your peers from across the state as they explore key strategies to prevent, prepare for, respond to, and recover from, cyber security incidents through capability and capacity uplift across people, process, tools, and technology.



Who You'll Meet

Chiefs/Directors/Heads/Managers of:

- Cyber Security
- Cyber Governance
- Cyber Policy
- Cyber Engagement
- Cyber Compliance
- Information Management / Information Privacy
- Digital Security
- Risk Management
- Resilience
- Audit
- ICT Security
- Digital
- Technology
- Digital Identity

Benefits of Attending



Gain insights from NSW Cyber Security leaders on effective risk mitigation and vulnerability identification techniques



Deepen your understanding of the new cyber security strategy and its implications for your organisation



Explore innovative technologies that are revolutionising threat detection and response capabilities



Engage in networking and collaboration opportunities with other NSW agencies to uncover the strategies they are implementing to enhance cyber maturity

Key Themes

- Collaborating to achieve statewide cyber uplift
- Intelligence to respond and react to sophisticated threats
- Latest technologies for more efficient cyber defense threats
- Education to create a more cyber aware culture



The list of speakers was of a high calibre in their role, organisation and content

NSW Education

Your Inspiring Speakers



Tony Chapman

Chief Cyber Security Officer

NSW Government



Nadia Taggart

Chief Information Security Officer

Western Sydney University



Craig Bourne

Cyber Security Investigations Manager

NSW Health



Angela Donohoe

Chief Information Officer

**NSW Department of Enterprise,
Investment and Trade**



Catherine Ellis

*Executive Director, Risk,
Strategy & Customer Support*

Service NSW



Jenny Francis

Executive Manager - Digital

Hunter Water



Gaya Gounder

Chief Information Officer

Camden Council



Sam Mackay

Chief Information Security Officer

NSW Department of Customer Service



Ingrid McAlpin

Chief Digital and Information Officer

Wollongong City Council



Sarah McCullough

Chief Information Officer

Essential Energy



Leanne Siveyer

Chief Information Officer

Sutherland Shire Council



Rohan Ahluwalia

Chief Technology Officer

iCognition



Tim Bentley

Regional Director, APAC

Abnormal Security



Paul Black

Partner

KPMG



Tom Crampton

Managing Director

Trusted Impact

Your Inspiring Speakers



Gavin Diamond
Regional VP, ANZ

Box



Matt Fedele-Sirotych
Chief Technical Officer

CSO Group



Vern Fernhout
Regional Director

Axonius



Luke Healey
Regional Manager - NSW Public Sector

Netskope



Jacqueline Jayne
Security Awareness Advocate

KnowBe4



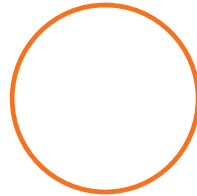
George Kokinakos
Account Director

Thales CPL



Stuart Mort
Partner

KPMG



Glenn Maiden
Director of Threat Intelligence Operations

FortiGuard Labs ANZ



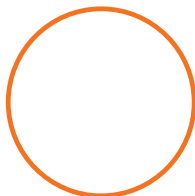
Jacqui Nelson
Chief Executive Officer

DekkoSecure



Andrew Philp
Director, Platform Strategy ANZ

Trend Micro



Erick Reyes
A/NZ Regional Director

Thales CPL



Ash Smith
Technology Strategist, CTO Office

CrowdStrike



Paul Thomas
Senior Sales Engineer

Axonius



Jason Trampevski
Field CTO

Sekuro



Michael Warnock
National Sales Manager | Public

Fortinet



Simon Xistouris
Chief Executive Officer

AC3

8:00am Registration and Networking

9:00am Welcome to Country

9:10am Welcome from Public Sector Network

9:20am Welcome from the Chair

Stuart Mort, *Partner, KPMG*

9:30am Government Keynote: Leading the NSW Government Response to Cyber Challenges

- Liaison, coordination and collaboration to mitigate threats and recover from attacks
- Key milestones in holistically uplifting cyber security across government
- Our path forward to meet the cyber security challenges of today and tomorrow

Tony Chapman, *Chief Cyber Security Officer, NSW Government*

10:00am Partner Session: A Compelling and Practical Guide for NSW Government Agencies to Turn Their Security Budget Constraints into Cyber Resilience

Our budgets are static or reducing and our 3rd party costs increasing 1.5x to 2x”, this was a quote from a CIO panel at a recent industry event. We see this effect in industry research that reveals 65% of organisations pursuing or planning to pursue security consolidation to improve their overall risk posture and reduce Total Cost of Ownership (TCO).

This session will cover key drivers enforcing a need for this approach including how to capitalise on existing whole of government license agreements. In the face of swift technological innovation and growing attack surface at a rapid rate, Andrew will take you through a quantified risk management that will enable you to better understand your organisational cyber risk level, effectively communicate to the board, and orchestrate risk mitigation - presenting measurable business outcomes from your security investments.

Andrew Philp, *Director, Platform Strategy ANZ, Trend Micro*

10:20am Morning Coffee and Networking Break

| Streams | Incident Response | Proactive Resilience and Strengthening |
|----------------|--|--|
| 10:50am | Welcome from Stream Chair Paul Black, <i>Partner, KPMG</i> | Welcome from Stream Chair Tom Crampton, <i>Managing Director, Trusted Impact</i> |

| | |
|--|--|
| <p>11:00am Government Keynote: Improving Intelligence - How it is Critical to Fast, Proactive and Effective Response</p> <ul style="list-style-type: none"> • How are agencies improving intelligence gathering and dissemination • Rapid intelligence sharing to improve cyber uplift • Effective intelligence gathering for a proactive response <p>Nadia Taggart, <i>Chief Information Security Officer</i>, Western Sydney University</p> | <p>Government Keynote: Building a Strong Privacy Function to Work Hand in Hand with Cyber Security</p> <ul style="list-style-type: none"> • Privacy and cyber teams – collaboration for more effective security • What strong privacy strategy looks like • How Service NSW are breaking silos between teams to improve security as a whole <p>Catherine Ellis, <i>Executive Director, Risk, Strategy & Customer Support</i>, Service NSW</p> |
| <p>11:20am Partner Session: Protecting Your Organisation Against the Dark Side of Generative AI</p> <p>As long as we've used email, we've experienced email attacks. From basic malware to the Nigerian Prince scam to gift card fraud, organisations and individuals have become accustomed to receiving a nefarious email or text.</p> <p>But with the rise of generative AI, attackers are exploiting vulnerabilities in generative AI models like ChatGPT to create incredibly sophisticated email attacks.</p> <p>Learn what security leaders are doing to stop these malicious attacks on their organisations, as well as best practices for defending against the AI-created email attacks of the future</p> <p>Tim Bentley, <i>Regional Director, APAC</i>, Abnormal Security</p> | <p>Partner Session: Australian Citizens' Data Can't Be Secured By Running a Network Penetration Test!</p> <ul style="list-style-type: none"> • Legacy cybersecurity controls aren't keeping up to secure data • "Data security" means just that ... "Data security" • Take a different cybersecurity path – Embed Data Security into your organisations <p>George Kokinakos, <i>Account Director</i>, Thales CPL</p> |
| <p>11:40am Government Keynote: Intelligence-led Security Operations - Why Cyber Threat Intelligence should inform everything you do.</p> <ul style="list-style-type: none"> • Why Cyber Threat Intelligence is your most important asset. • Practical application of threat intelligence in operational and strategic decision making. • How kick start your Cyber Threat Intelligence program. <p>Craig Bourne, <i>Cyber Security Investigations Manager</i>, NSW Health</p> | <p>Government Keynote: Uplifting Cyber Maturity for NSW Local Governments</p> <ul style="list-style-type: none"> • The challenges for local government – what difficulties are faced in uplifting cyber security • Protecting services and infrastructure from potential threats • Emerging technologies to aid NSW local government in preventing a breach <p>Gaya Gounder, <i>Chief Information Officer</i>, Camden Council</p> |

12:00pm Partner Session: Harnessing Asset Data to Transform Your Cyber Security Program

Cyber Security Programs are challenged by the sprawl of devices, device types, and the quantity of solutions continues to skyrocket and environments only grow more siloed and complex.

But there's good news: Asset data can now be harnessed to transform your cyber security program.

Today's "asset intelligence" moves from a spreadsheet approach to an API-driven, rich and always up-to-date view into all assets via integrations of existing solutions, data correlation at scale, and querying capabilities to find and respond to gaps.

Join this session to learn how asset intelligence improves security hygiene, allocate resources, accelerate incident responses and remediates gaps.

Paul Thomas, *Senior Sales Engineer, Axonius*

Partner Session: Essential Eight - Pitfalls and Pragmatism

The Essential Eight is a fantastic framework. But it contains many potential pitfalls including a false sense of security, unexpected time sinks and some key missing control areas. In this talk, we'll discuss a few of these pitfalls and suggest a more practical prioritisation for organisations struggling or unsure of whether to continue investment in the controls or where to go next after meeting them.

Jason Trampevski, *Field CTO, Sekuro*

12:20pm Panel Discussion: Uplifting Resilience and Incident Response Plans in an Uncertain Threat Environment

- How utility companies are reviewing plans to improve incident response
- What a breach could mean for NSW citizens
- As threats become more sophisticated, what technologies are utility companies employing to ensure greater protections
- How NSW utilities are working together to uplift resilience

Jenny Francis, *Executive Manager - Digital, Hunter Water*

Sarah McCullough, *Chief Information Officer, Essential Energy*

Michael Warnock, *National Sales Manager | Public Sector & Utilities, Fortinet*

Panel Discussion: Cyber Security Planning and Collaboration to Ensure Business Continuity

- Planning for potential threats - protecting systems to ensure BAU
- Improving information and intelligence sharing for better cyber security planning
- What does business continuity look like when facing a breach?
- How can agencies improve cyber planning and collaboration

Leanne Siveyer, *Chief Information Officer, Sutherland Shire Council*

Ingrid McAlpin, *Chief Digital and Information Officer, Wollongong City Council*

Jacqui Nelson, *Chief Executive Officer, DekkoSecure*

12:50pm Lunch and Networking Break

1:50pm Concurrent Roundtables:

Roundtable 1: Turning Security Budget Constraints into Cyber Resilience

In this roundtable we will continue the theme from the keynote to discuss actionable strategies in achieving cyber resilience within budget constraints and unpack the top approaches to address your key cybersecurity priorities, this session will cover:

- Driving effective board communication to present the values of your cybersecurity strategy
- Modernising security operations with a limited budget
- Continuously managing cyber risk without burning out your security and SOC teams
- Reducing compliance complexity

Facilitated by **Andrew Philp**, *Director, Platform Strategy ANZ* & **Srujan Talakokkula**, *Director - Northern Region, Trend Micro*

Roundtable 2: The future of artificial Intelligence in security

We will discuss some real-world examples of AI being used in security, the impact it has had on the industry:

- Existing models and methods of machine learning already used to enhance security analysis
- The application of generative AI and large language models to enhance the analyst interface to security tools
- Use of AI by threat actors to further both technical and human compromise, highlighting some of the ethical concerns surrounding the use of AI in security

Facilitated by Ash Smith, Technology Strategist, CTO Office, CrowdStrike

Roundtable 3: A New Era of Email Security in NSW State and Local Government

Email security continues to be a paramount concern at both the state and local levels of NSW Government. During this discussion, clients will shed light on the unique challenges they faced in terms of email security. The discussion will explore the evolving threat landscape and impact of Generative AI, compliance requirements, and the critical importance of secure communication channels.

Join this session for:

- Email Security Threat Landscape: Here from industry experts on the impact of tools like ChatGPT in terms of BEC, vendor compromise and other email threats
- Customer Insights: Learn about the challenges faced and the tangible benefits they have realised in terms of improved email security
- Best Practises and Future Trends: Participants will exchange ideas on proactive measures to stay ahead of emerging threats

Facilitated by Abnormal Security

Roundtable 4: Why asset registers fail and how to solve it

Accurate and credible asset data illudes IT, Security and GRC teams presenting substantial obstacles for delivering even basic tasks and outcomes. While the requirement should be simple, the reality is collecting and correlating this data is a complex challenge. In this interactive conversation among peers, security professionals will discuss:

- What challenges you're facing with accurate asset data and the impact on organisations
- What you're doing to remediate inaccurate asset data
- Why traditional approaches to asset registers fail
- Why asset data is important for organisations
- Offer an approach to gain complete and credible asset visibility and intelligence

Facilitated by Vern Fernhout, Regional Director, Axonius

Roundtable 5: Going Beyond the Essential 8 to Protect Australian Citizens' Data

- Is the Essential 8 sufficient enough to protect citizens' data?
- Should more emphasis be on Securing Data especially since Data is the target of cyber criminals?
- Is there a Policy/Compliance" vs "Implementation/Execution" conundrum?

Facilitated by Erick Reyes, A/NZ Regional Director, Thales CPL

Roundtable 6: Beyond the E8 and onto the Z8

In this roundtable, we'll follow on from the keynote delivered earlier around the pitfalls of the Essential Eight and where organisations can plug the gaps with a pragmatic approach to Zero Trust. We'll also discuss where Zero Trust principles and concepts can be applied across 8 key pillars of an organisation (the Z8) and share amongst the group how others are achieving this.

Facilitated by Jason Trampevski, Field CTO, Sekuro

Roundtable 7: Bolster vulnerability management and create a cyber aware culture

Modern networks are no longer limited to servers and desktop computers, remote workers, cloud and mobile devices. Risk exposure is changing at a faster rate than most can cope. So how can agencies bolster their vulnerability management by creating a cyber aware culture? Join Damien Luke, Head of Cyber Security at AC3 to discuss:

- Vulnerability management key learnings - what are we seeing in the market?
- How can people reduce the effectiveness of vulnerability management plans?
- How a cyber aware culture can improve vulnerability management

Facilitated by **Damien Luke**, *Head of Cyber Security, AC3*

Roundtable 8: Revolutionising Data Security: Achieving total cloud security

Facilitated by **Jacqui Nelson**, *Chief Executive Officer, DekkoSecure*

Roundtable 9: Cybersecurity is everyone's responsibility: How to communicate this message effectively across the organisation.

Depending on the report you read, 82% to 95% of cyber incidents are directly related to human error. The evolution of Security Awareness Training is now moving towards Engagement and Security Culture, also referred to as human risk management and human layer protection. Historically the IT Department has been responsible for cybersecurity. The attack vector has increased exponentially over the last ten years with technological developments, increased internet speed, accessibility, the growth of mobile devices and, more recently, the move to remote working have meant that cybersecurity is literally on the move as we take our devices everywhere. As a result, the responsibility when it comes to cybersecurity has spread from IT to literally everyone in an organisation. This comes with challenges and frustrations with employee engagement and security awareness training programs. Are people not completing the training? Not reporting phishing emails? Still not understanding that cybersecurity is everyone's responsibility.

During this roundtable discussion, come and share your challenges, learn from others and understand the levers that can be pulled or the steps that can be taken to combat them.

Facilitated by **Jacqueline Jayne**, *Security Awareness Advocate, KnowBe4*

Roundtable 10: Transforming NSW Government : Pioneering IT Modernisation, Security, and Compliance Excellence

Join us for an insightful discussion tailored for NSW Government executives. Explore strategies to empower government agencies in accelerating IT modernisation, enhancing productivity, and engaging citizens effectively. We'll delve into ensuring rigorous compliance and governance measures to safeguard sensitive data, addressing critical concerns facing government organisations today.

Facilitated by **Matt Fedele-Sirotich**, *Chief Technical Officer, CSO Group* & **Luke Healey**, *Regional Manager - NSW Public Sector, Netskope*

Roundtable 11: Data Privacy - Know Your Data. Protect What Matters Most!

Key to the success of managing and protecting your data, is knowing what data you have, and where it resides and protecting risks.

- Data privacy maturity - where to start building a plan, roadmap, and strategy.
- Discover and identify security risks in your data, and how to manage those risks.
- Leverage AI-driven data analytics to understand the context and purpose of data collected - and acting upon it with insight and control.
- Adapting to ever evolving regulatory changes and requirements

Facilitated by **Rohan Ahluwalia**, *Chief Technology Officer, iCognition*

Roundtable 12: Securing Australia and our National Interest

- The safe little corner of the world we know and love is facing changes like never before.
- The security posture of our region is shifting rapidly with regional and domestic national security pressures heightened to levels not seen since WWII.
- With the relentless onslaught of sophisticated international cybercrime, Australia's Defence and National Security agencies know that we are underprepared for a significant cyber event.
- To be a cyber-secure nation by 2030, we must be better prepared to face threats to our National Security Assets, critical infrastructure, and our vulnerable supply chains.

Facilitated by **Glenn Maiden**, *Director of Threat Intelligence Operations*, FortiGuard Labs ANZ

Roundtable 13: Securing and unlocking the power of your content in the age of AI

- Understand the new threats and opportunities presented by AI
- Adjust your security strategy to account for the new AI landscape
- Leverage AI to empower your security posture across a number of relevant use cases

Facilitated by **Gavin Diamond**, *Regional VP, ANZ*, Box

3:00pm Government Keynote: Preparing to Respond to Threats - Knowing How to Manage an Incident

- Vital planning steps to aid in managing an incident
- Ensuring each person knows their job - response preparation with cyber staff
- What your organisation can do to improve preparedness

Sam Mackay, *Chief Information Security Officer*, NSW Department of Customer Service

3:20pm Partner Session: Empowering Proactive Protection: Exposure Management in Real Time

The attack surface is growing 110% YoY creating fresh opportunities for malicious actors to access your most precious data.

Are you prepared to proactively guard your organization from unknown assets, unidentified risks, and misunderstood vulnerabilities?

Ash will share strategies and real-life use cases where organisations are more empowered to eliminate asset blind spots, enhance IT hygiene, and prioritise risks by leveraging adversary context and AI.

Ash Smith, *Technology Strategist, CTO Office*, CrowdStrike

3:40pm Panel Discussion: Why the Human Element Remains a Weak Link - The Importance of Raising Awareness and Educating the NSW Public Sector Workforce

- Why cyber security is a universal concern
- How to discuss cyber with non-cyber staff and convey its importance to keep them vigilant
- The best methods of educating a workforce on cyber threats and protections
- How can improving awareness uplift cyber security in the NSW government as-a-whole?

Angela Donohoe, *Chief Information Officer*, NSW Department of Enterprise, Investment and Trade

Craig Bourne, *Cyber Security Investigations Manager*, NSW Health

Simon Xistouris, *CEO*, AC3

Facilitated by **Puneeta Chellaramani**, *Cyber Director*, KPMG

4:10pm Closing Remarks**4:15pm Networking Drinks**

Thank You to Our Partners

Event Chair



Stream Chair



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Exhibitors



Coffee Cart



Networking Lunch





**The presentations were great,
transparent with fantastic
presenters.**

Emergency Services Telecommunications Authority



**It was a fantastic opportunity
to connect, network with
peers, receive updates on
achievements & plans and to
engage.**

Department of Enterprise, Investment and Trade



**Some of the speakers were really
entertaining and had key ideas that
were interesting.**

Department of Customer Service



**It was great to hear the
experiences and knowledge
of people from diverse
backgrounds.**

South Eastern Sydney Local Health District



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