

Police Technology Forum

7 – 8 March 2024 | Hotel Realm, Canberra

SPEAKERS INCLUDE:



Matthew Vanderbyl, *Assistant Commissioner, Queensland Police Force*



Assistant Commissioner Hilda Sirec APM, *Assistant Commissioner, Southern Command, AFP*



Rhys Wildman, *Acting Assistant Commissioner, Queensland Police Force*



CMDR Rohan Smith, *Commander Enterprise and Policing Systems, AFP*



John Atkin, *Acting Commander Digital Transformation, NT Police, Fire & Emergency Services*



Paul Daly, *Superintendent Police Air Wing, WA Police Force*



Scott Mellis, *Cybercrime Operations, AFP*



Dr Jodie Ward, *Adjunct Associate Professor, Centre for Forensic Science, UTS & Program Lead, National DNA Program for Unidentified & Missing Persons, AFP*



Nathan Wheeler, *Senior Investigator, Queensland Police Force*



Laura Wheeler, *Principal Communications and Engagement Officer Youth Crime Taskforce, Queensland Police Service*



Nicholas Moss, *Manager Data Services, Queensland Police Force*



Matthew McCarthy, *Chief Inspector State Intelligence Command, NSW Police Force*



Peter Whowell, *Executive General Manager Corporate, ACT Policing*



Stewart Sibree, *National Manager Systems Design and Delivery, ACIC*



Chris Graves, *GIS Analyst, South Australia Police*



Lyria Bennett Moses, *Professor, UNSW Faculty of Law and Justice, Director, UNSW Allens Hub for Technology Law, and Innovation*



Janis Dalins, *Leading Senior Constable, and Co-Director of AiLECS*



Dr Campbell Wilson, *Associate Professor and Co-Director of AiLECS*



Professor Clive Williams MG, *Strategic and Defence Studies Centre, ANU*



Toby Dagg, *General Manager Regulatory Operations Group, eSafety Commissioner*

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9:00 **OPENING** | Opening remarks from the Chair

REGULATION & STRATEGY

9:05 **KEYNOTE ADDRESS** | **Harnessing Technology for a Safer Society**

Assistant Commissioner Hilda Sirec, *Southern Command, AFP*

9:35 **2023-2030 Australian Cyber Security Strategy**

DATA ANALYTICS & ARTIFICIAL INTELLIGENCE

10:05 **Migrating from Legacy Systems to Modern Applications**

- API integration to improve agility and generate modern User Experience (UX) and User Interface (UI)
- Addressing the complexities involved in moving modules while maintaining data integrity and accessibility
- Reflecting on the AFP's technology strategy – Capitalisation vs Operationalisation

CMDR Rohan Smith, *Enterprise and Policing Systems Branch, AFP*

10:35 Networking and refreshment break

11:00 **Empowering the Queensland Police Service through Advanced Data Analytics**

- Predictive modelling, anomaly detection and pattern recognition
- Showcasing examples where AI & ML are already optimising data and decision making.
- Identifying emerging technologies, trends, and opportunities

Nicholas Moss, *Manager Data Services, Research & Analytics, Policy & Performance Division, Queensland Police Service*

11:30 **CASE STUDY** | **AI for Law Enforcement & Community Safety Lab (AiLECS) – Monash University & Australian Federal Police**

- Insight into the AI techniques developed to automate the detection of child exploitation material
- My Pictures Matter campaign – understanding the how, what, and why?
- Ensuring effective, ethical, and transparent AI

Dr Campbell Wilson, *Co-Director, Monash University/Australian Federal Police AiLECS Lab*

Dr Janis Dalins, *Co-Director, Monash University/Australian Federal Police AiLECS Lab*

12:00 **Identifying Implications of AI for Australian Policing**

- AI can process large volumes of data quickly to identify crime patterns and trends that humans might miss
- AI can free up officers from mundane processing tasks so that they can be used elsewhere
- AI can work 24/7 without having to be paid overtime or granted stress leave

Professor Clive Williams MG, *Strategic and Defence Studies Centre, The Australian National University*

12:30 Lunch and networking break

13:30 **Speech-To-Text (STT) Technology in the ACIC**

- Automated transcript of examination proceedings.
- The agency can run multiple examinations concurrently and produce a separate transcript of 'who said what' for each individual examination

Stewart Sibree, *Nation Manager for Systems Design & Delivery, ACIC*

14:00 **Concept to Delivery and Beyond: An Integrated Digital Reporting Platform for ACT Policing**

- Building technology that meets the users, cyber security, privacy and major stakeholder needs.
- Partnerships are key to the successful delivery of technology
- The positive impact of dedicated change management assessment and planning

Peter Whowell, *Executive General Manager Corporate, ACT Policing*

CHALLENGES, OPPORTUNITIES & SOCIAL MEDIA

14:30 **PANEL DISCUSSION** | **Challenges & Opportunities in Adopting New Technology**

- Budget constraints, resource allocation and trust with new technology
- Exploring the intricacies of data privacy and compliance with regulations
- Ensuring seamless communication and collaboration between different technologies
- Upskilling staff on new technologies, staff retention and recruitment

Matthew McCarthy, *Chief Inspector Spatial & Analytical Capability, NSW Police Force*

Rhys Wildman, *Acting Assistant Commissioner, Queensland Police Service*

Toby Dagg, *General Manager Regulatory Operations Group, eSafety Commissioner*

15:00 Networking and refreshment break

15:25 **Exploiting social media to Identify Technological & Social Engineered Attack Vectors**

- Illustrating how routine interactions on social platforms inadvertently expose sensitive information
- Paint a vivid picture of potential social engineering attacks that exploit individuals or organisations.
- Offer straightforward yet effective advice to minimise your vulnerability

Matthew McCarthy, *Chief Inspector Spatial & Analytical Capability, NSW Police Force*

EMBRACING CHANGE IN TECH EVOLUTION

15:55 **Leading Transformational Change Through Uncertainty**

- Understanding the operating environment
- The power of situational leadership
- Focussing on adoption, not implementation

John Atkin, *Acting Commander Digital Transformation, NT Police, Fire & Emergency Services*

16:25 **PANEL DISCUSSION** | **Cultural Evolution: Navigating Change Within the Police Force**

- How are Police forces encouraging professional development and keeping up with digital demand?
- Identifying barriers that may hinder cultural transformation including, resistance to change, traditions, and historical precedents
- Demonstrating the positive impact of embracing modern technology and the evolution of the Police

CMDR Rohan Smith, *Enterprise and Policing Systems Branch, AFP*

John Atkin, *Acting Commander Digital Transformation, NT Police, Fire & Emergency Services*

16:55 Closing remarks from the Chair

17:00 Networking Function 🍹



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9:00 **OPENING** | Opening remarks from the Chair

SPECIALIST & OPERATIONAL INNOVATIONS

9:05 **CASE STUDY** | Revolutionary Emergency Response Technology

- Instantly open the caller's phone camera while maintaining the call
- The location of the caller is immediately conveyed along with their direction of travel and speed
- Instant statements and interviews

9:35 **CASE STUDY** | State-of-the-art Operational Equipment – Queensland Police

- Taser 10 - Improving officer safety while reducing the risk of lethal force during confrontations.
- Body-worn cameras and their impact on future policing
- Data management, storage, and retrieval
- Public perception and community engagement

Matthew Vanderbyl APM, *Assistant Commissioner, Organisational Capability Command, Queensland Police Service*

10:05 **DNA Analysis Advancements in the Field of Forensics**

- Forensic Investigative Genetic Genealogy (FIGG)
- Identifying missing persons and cold cases
- Addressing legal, ethical, and privacy concerns related to the use of DNA analysis in forensic investigations.
- What does the future look like for emerging technologies in DNA analysis?

Dr Jodie Ward, *Adjunct Associate Professor – Centre for Forensic Science, UTS & Program Lead – National DNA Program for Unidentified & Missing Persons, AFP*

10:35 Networking and refreshment break

11:00 **Exploring the Multifaceted Benefits of Police Drones**

- Drone-assisted search and rescue operations
- Surveillance and monitoring with Police drones – crowd monitoring, event security and crime scene analysis
- Send in the drone – Prioritising Police safety
- Road safety enforcement
- Monitor natural disasters

Paul Daly, *Superintendent, WA Police Force*

11:30 **Utilising Technology for Enhanced Safety & Security at Major Events**

12:00 **SAPOL's Spatial Technology Journey and Future Prospects**

- Delving into the reasons for spatial technology implementation at SAPOL and how this has grown across the business
- Discovering its multi-faceted use from search and rescue, all the way through to, resource management and future planning
- Highlighting the invaluable collaboration with key partners to achieve the highest rewards from this advanced tech
- What the future holds for SAPOL and spatial technology

Chris Graves, *Senior GIS Analyst, South Australia Police*

12:30 Lunch and networking break

OVERSIGHT & COMMUNITY ENGAGEMENT

13:30 **PANEL DISCUSSION** | Community Impact – Addressing Concerns with Privacy, Discrimination & Public Trust

- Body worn cameras and the fine line between public safety and privacy
- How can we ensure the data being fed into AI systems reflects the population fairly to avoid discrimination?
- The importance of educating the community to address common misconceptions with AI and technology
- How can we ensure ethical use and regulation of AI without compromising on its advantages to law enforcement?
- How can law enforcement encourage and maintain public trust with the introduction of new technology?
- Balancing operational secrecy and transparency in the collection and use of data by law enforcement agencies

Laura Wheeler, *Principal Communication and Engagement Officer Youth Crime Taskforce, Queensland Police Service*

Lyria Bennett Moses, *Professor, UNSW Faculty of Law and Justice, Director, UNSW Allens Hub for Technology Law and Innovation*

Peter Whowell, *Executive General Manager Corporate, ACT Policing*

Moderator: TBC

14:00 **Amazon Web Services**

14:30 Networking and refreshment break

14:55 **Oversight of Police Intelligence: A Complex Web, but is it Enough?**

- Delving into the research that analyses jurisdiction, function, powers, and expertise of oversight mechanisms with reference to capacity to oversee the legality of emerging police intelligence practices such as facial recognition, social media analytics, and predictive policing.
- Comparative analysis on three jurisdictions: Canada, Australia, and New Zealand.
- Specific proposals for reform

Lyria Bennett Moses, *Professor, UNSW Faculty of Law and Justice, Director, UNSW Allens Hub for Technology Law and Innovation*

THE FUTURE OF TECHNOLOGY IN LAW ENFORCEMENT

15:25 **PANEL DISCUSSION** | The Power of Multi-Agency Collaboration in Law Enforcement

- Cross-border communication to optimise resource allocation in organised crime and cyber activities
- The future of Police technology in Australia
- Forming strong partnerships to fight transnational crime
- Highlighting how a collaborative approach can enhance community engagement, build trust, and foster a sense of security among the public
- Sharing resources to provide situational awareness and suspect identification across police, government, national intelligence, and other agencies

Scott Mellis APM, *Federal Agent Cybercrime Operations, AFP*

Nathan Wheeler, *Senior Investigator, Queensland Police Service*

Moderator: TBC

15:55 Closing remarks from the Chair

16:00 End of Conference

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Police Force/Government/ NFP/ Academia	\$1,795	\$179.50	\$1,974.50	\$200	\$1,995	\$199.50	\$2,194.50
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