

PRESENTING THE 12TH ANNUAL

POLICE TECHNOLOGY FORUM

12 -13 March 2025 | Hyatt Canberra

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Day 1 | Wednesday 12th March 2025

All times are in Australian Eastern Standard Times (AEST)

08:55 OPENING | Opening remarks from the Chair
Darren Smith, *Chief Inspector, Queensland Police*

ADAPTING TO DIGITAL TRANSFORMATION IN POLICING

09:00 How the UK Police Digital Strategy is Enabling Officers & Staff to Protect the Public

- Overview of the UK National Policing Digital, Data and Technology Strategy
- Key successes including Cyber, Productivity, Officer Developers
- Key enablers and next steps

David Bailey, *Partnerships and Events Manager, Police Digital Service (UK)*

09:30 Technology Changes: The Human Side of Digital Transformation in Policing

- Exploring the practical realities behind rapid technological advancements in policing, from AI to mobile devices.
- How these changes impact user adoption, training, and operational pressures - and the importance of balancing innovation with long term effectiveness and wellbeing.

John Atkin, *Acting Assistant Commissioner & Chief Operating Officer, NT Police Force*

10:00 Frontline Policing

- A deep dive into the evolving role of frontline officers in the age of digital transformation.
- Focus on how technology is enabling officers to respond more effectively to crimes and emergencies while managing increased operational pressure.

Darren Smith, *Chief Inspector, Queensland Police*

10:30 Morning Tea & Networking Break

11:00 The Role of Wearable Technology in Law Enforcement to Optimize Selection and Training

- Using wearable technology to identify workplace stress and physical conditioning needs.
- Wearable technology as a means to optimise complex training and specialist selection
- Future and challenges for wearable use in law enforcement over the next decade

Dr Rob Orr, *Director, Tactical Research Unit / Professor in Physiotherapy, Bond University*

AI & DATA ANALYTICS FOR TRANSFORMING LAW ENFORCEMENT

11:30 The Role of DevOps for Bringing Together Experts Globally to Develop Solutions that Help Combat Child Sexual Exploitation

- Overview of Australian Federal Police-led INTERPOL collaborations to use Large Language Models to automate the creation of Child Sexual Abuse Materials (CSAM) descriptions for court and Victim ID
- The role of automated tools for detecting AI generated imagery to help counter online CSAM and wider applications of that technology
- Why bringing engineers and investigators together in one room can dramatically accelerate existing methodologies and deliver novel solutions to old intractable problems

Michael Auty, *Principal Data Scientist, BAE Systems Digital Intelligence*

12:00 **PANEL | Data Analytics and AI**

- Explore how police use data analytics and AI for crime prevention, predictive policing, and real-time resource allocation.
- Innovations in AI and data analytics driving safer communities and smarter policing strategies.
- Use of data for crime prevention, predictive policing, and optimised resource management.
- Addressing privacy concerns, bias, and the development of accountable frameworks for responsible AI use.

Panellists:

John Atkin, *Acting Assistant Commissioner & Chief Operating Officer*, **NT Police Force**

Lenka Bednarikova, *Data & AI Practice Owner*, **Telstra Purple**

Moderator:

Darren Smith, *Chief Inspector*, **Queensland Police**

12:40 **Lunch & Networking Break**

THE FUTURE OF FORENSICS

13:40 **Digital Forensics Training – An Analysis of Impact**

- The Role of Digital Forensics Training in Cybercrime
- Key Components of Digital Forensics Training
- Challenges in Digital Forensics Training – Vendor Versus VET Vs University

Michael Callan, *Chief Executive Officer*, **Australian Fraud and Anti-Corruption Academy**

14:10 **Innovative Environmental DNA Technologies for Forensic Applications**

- Innovations in forensic technology, using DNA derived from environmental samples
- How these tools can be applied to criminal investigations, improving accuracy, and reducing time to resolution.
- Broader applications of technology in the fields such wildlife trafficking and environmental crime.

Prof. Dianne Gleeson, *Director*, **National eDNA Reference Centre, University of Canberra**

14:40 **Afternoon Tea & Networking Break**

EVOLVING JUSTICE AND POLICING THROUGH TECHNOLOGY

15:10 **FIRESIDE CHAT | Communication Platforms for Policing Agencies**

- How encrypted telecommunications platforms are transforming the police response and criminal investigations
- Opportunities to leverage enterprise communication products for policing agencies

Matt Leahy, *Detective A/Inspector, Engagement Lead, Mobility Portfolio, IS&T*, **South Australia Police**

15:30 **Digital Evidence in the Courtroom: Leveraging Technology & Social Media in Modern Legal Proceedings**

- The role of social media in policing, including intelligence gathering, public communication, and its admissibility in court.
- Best practices for gathering, preserving, and presenting digital evidence, ensuring chain of custody and data security.
- The implications of digital evidence in trials, including admissibility challenges and privacy concerns.
- How advancements in AI, cybersecurity, and data analytics are influencing legal and judicial processes.

16:00 **END OF DAY ONE & CLOSING REMARKS | Networking Drinks**

Darren Smith, *Chief Inspector*, **Queensland Police**

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Day 2 | Thursday 13th March 2025

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08:55 OPENING | Opening remarks from the Chair

Kylie Watson, *Head of Security – APJ MEA (Asia Pacific, Japan, Middle East and Africa), DXC Technology*

LEVERAGING TECH: POLICING, CRISIS RESPONSE, & DIGITAL CRIME PREVENTION

09:00 The Role of Technology in Online Child Sexual Exploitation (OCSE): Friend and Foe

- The impact of technology on OCSE offending and the ways in which technology can aid law enforcement in combatting this offending

Commander Helen Schneider, *Commander Human Exploitation, AFP*

09:35 PANEL | Interoperability; Enhancing Communication and Information Sharing Between Emergency Service Agencies in Times of Crisis

- Mass casualty events, terrorism, and natural disasters are increasing, highlighting the need for advanced information sharing among emergency service organisations during crises and in support of everyday public safety.
- Utilising modern technology, interoperability enhances real-time information sharing between first responders, emergency services, and public safety organisations to better understand the scope and scale of an incident as it unfolds.
- Improving multi-agency communication, collaboration, and resource sharing is critical to support better outcomes during emergencies.

Panellists:

Shane Fitzsimmons, *Former Commissioner, NSW Rural Fire Service*

David Leggett, *CEO, SDSI*

Iain McGregor, *CIO, NSW Ambulance*

Carlene York, *Former Commissioner, NSW State Emergency Service*

Moderator:

Jas Singh, *DXC Strategic Advisory Public Safety, CEO, ConnectX Consulting*

10:15 Border Force and Technology Advancements

- Exploring how technology is enhancing the effectiveness of border security operations.
- Implementing predictive analytics to identify potential risks and threats.

Inspector Baden West, *National Tactical Operations, Australian Border Force*

10:45 Morning Tea & Networking Break

11:15 The Role of Uncrewed Autonomous Systems in Law Enforcement

- How law enforcement agencies are integrating autonomous systems into operations.
- Benefits, challenges, and ethical considerations in deployment.
- Case studies on real-world applications in crisis response, surveillance, and crime prevention.

Hayden Archibald, *Manager Future Defence Business, Toll Aviation/ Toll Uncrewed Systems*

11:55 **Combatting Digital Deception: Policing in the Age of Deepfakes**

- Examining the evolution of deepfakes in organised crime and their impact on public safety and trust.
- Case studies and challenges faced by law enforcement agencies from various perspectives.
- Opportunities, tools, and collaboration in education, training, and crime prevention to effectively counter AI-related crimes and deepfake threats.

Dr Leo Lin, *Senior Lecturer, School of Policing Studies, Charles Sturt University*

12:25 **Lunch & Networking Break**

13:25 **PANEL | The Responsible Adoption of AI in Policing: An AFP Case Study**

- Transparency and communication are essential to enhance public trust in the AFP's use of AI.
- There is a strong desire for AI education and uplift within the AFP.
- Taking a human-led approach to AI use to enhance accountability and oversight.
- AI is part of the AFP's toolkit, to be used in conjunction with human intelligence.
- Workforce diversification and public-private partnerships are essential to bring AI knowledge and expertise from the outside in.

Panellists:

Chad Whelan, *Professor of Criminology, Deakin University*

Hiro Noda, *Coordinator Artificial Intelligence & Emerging Technology, AFP*

Moderator:

Anne-Louise Brown, *Special Advisor, Akin Agency*

COMMUNITY ENGAGEMENT

14:05 **PANEL | Bridging the Gap: Technology, Trust, and Community Policing**

- The importance of community engagement and fostering trust between law enforcement and the public.
- How technology and data-driven strategies can enable more transparent, effective communication and crime prevention.
- Real-world examples of technology enhancing public safety and strengthening police-community relationships.
- Balancing innovation with ethical considerations, including data privacy and equitable access to policing technology.

Panellists:

Dr Georgios Karystianis, *Research Fellow at the Justice Health Research Program, UNSW*

Katherine Berney, *Executive Director, National Women's Safety Alliance (NWSA)*

Moderator:

Kylie Watson, *Head of Security – APJ MEA (Asia Pacific, Japan, Middle East and Africa), DXC Technology*

14:45 **END OF DAY TWO & CLOSING REMARKS | Afternoon Tea**

Kylie Watson, *Head of Security – APJ MEA (Asia Pacific, Japan, Middle East and Africa), DXC Technology*