Advancing Ethically through Digital Disruption: Innovation and Public Trust

CACP Information and Technology Summit



Progresser éthiquement par le biais de la perturbation numérique : Innovation et confiance du public

Sommet de l'ACCP sur l'information et la technologie

25-28 février 2024 Vancouver (Colombie-Britannique)

February 25-28, 2024 Vancouver BC

## Advancing Ethically through Digital Disruption: Innovation and Public Trust

This summit will explore innovative approaches in technology that continue to transform policing practices. It is vital to address the ethical implications and create a future that upholds justice, fairness, and inclusivity.

Through discussion and collaboration, the conference seeks to foster a dialogue on responsible, ethical, and equitable technology adoption to advance service delivery.

Presentations will focus on intelligent policing, the ethical use of new and evolving technologies such as AI and VR, risk management and cyber security, automation for efficient service delivery, and balancing innovation and impact.

The summit will;

- **Explore Emerging Technologies:** Provide participants with an opportunity to learn about the latest advancements in technology, including emerging trends and innovation.
- **Enhance Operational Efficiency:** Help participants understand how technology can improve operational efficiency, streamline processes, and optimize resource allocation within their respective agencies.
- **Address Cybersecurity Challenges:** Focus on the importance of cybersecurity in law enforcement operations, highlighting strategies, tools, and best practices to protect sensitive data and combat digital threats.
- **Foster Collaboration and Information Sharing:** Encourage networking and knowledge exchange among agencies, fostering collaboration to enhance information sharing, interoperability, and joint operations through technology platforms.
- **Promote Ethical and Responsible Use of Technology:** Discuss the ethical considerations and potential challenges associated with adopting new technologies, emphasizing the importance of responsible and accountable use to maintain public trust and privacy.
- Acquire Tool Kits and Valuable Takeaways: Provide participants with comprehensive tool kits and valuable insights to empower them on their journey towards success, equipping them with practical resources and actionable knowledge.

Тіме	SUNDAY, FEBRUARY 25, 2024
17:00-19:00	<b>Onsite Registration</b> (Pacific Ballroom Foyer)

Тіме	Monday, February 26, 2024
07:00	Onsite Registration (Pacific Ballroom Foyer)
07:00-18:30	Exhibit Show (BC Ballroom)
07:00-08:30	Breakfast (BC Ballroom)
08:30-17:00	Plenary Sessions (Pacific Ballroom)
08:30-08:45	Welcome and Opening Remarks
	<ul> <li>Chief Constable Adam Palmer, C.O.M., Vancouver Police Department</li> <li>Chief Superintendent Doug Ross, M.O.M., RCMP; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee</li> </ul>
08:45-09:30	Enabling Evolution – The Digital Serge
SESSION 1	Presenter
	Paul Boudreau, Chief Information Officer (CIO), RCMP
	<b>Description</b> The "Digital Serge," approach to transformation will focus on the RCMP's ability and agility to adopt advanced digital technologies. A renewed focus on digitalization enabled through IM/IT Modernization efforts will serve as a catalyst in revolutionizing the way the RCMP operates with its partners and interacts with Canadian citizens.
	<i>Moderator</i> Chief Superintendent Doug Ross, M.O.M., RCMP; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee
09:30-10:15 SESSION 2	Technology Predictions in Law Enforcement from the UK
10:15-10:45	Network Break (BC Ballroom)
10:45-11:30 SESSION 3	Embracing the Future: The Inevitability of Digital Notes Across Canadian Police Services
	Presenters     Inspector Kurt Martin, Edmonton Police Service

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	<ul> <li>Benny Zheng, Director, York Regional Police Service</li> <li><i>Description</i>         This session will delve into the intricacies of adopting digital notes within law enforcement, addressing key considerations such as integration with Records Management Systems (RMS) and Digital Evidence Management Systems (DEMS). Experiences in working with vendors and tailing digital notes for frontline and specialty unit administration, and operational functions. Explore the advantages and challenges of embracing digital notes, including their acceptance as evidence in court testimony and the elimination of disclosure issues. The panelists will share insights into their experiences, discussing real-world scenarios that highlight the impact of digital notes on operational efficiency and evidence management. Furthermore, gain a glimpse into the future as the panel explores the potential transition of digital notes into the realm of Artificial Intelligence (AI) and its implications for law enforcement practices.     </li> </ul>
	Superintendent Kelvin Chantiam, York Regional Police
11:30-12:00 SESSION 4	<ul> <li>Deep Analysis of AI after the Chat GPT Inflection Point</li> <li>Presenters         <ul> <li>Daniel Charlebois Ph.D., Defence Scientist, Defence and Security Operations and Analytics, Centre for Security &amp; Science, DRDC</li> <li>Zachary P Devereaux, Defence Scientist, Command Control and Intelligence, DRDC</li> </ul> </li> </ul>
	<b>Description</b> After the November 2022 release of ChatGPT to public usage, the quickest adoption of a software platform in history, popular imagination has been alerted to the potential of generative AI to shape society and the future of work and technology. Given that this is only the latest AI wave of adoption and hype, what are the strengths and weaknesses of LLMs and GANs and their potential use for military simulations, including deception, and what is the nature of digital harms perpetuated through these technologies from a security perspective? <b>Moderator</b> Staff Sergeant John Apostolidis, Toronto Police Service
12:00-13:00	Lunch (BC Ballroom)
13:00-13:45 SESSION 5	Leveraging Emerging Technologies to Support Wellness in Police Services <i>Presenters</i>
	Dr. Kyle Handley, York Regional Police

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	Greg Stanisci, Manager, Business Intelligence and Data Analytics, York Regional
	Police
	<b>Description</b>
	The increase in the accessibility and quality of technology over the past several years has presented new opportunities to integrate these assets into an organization's
	wellness strategy. In this session, Dr. Handley will discuss how emerging technologies
	such as business intelligence, mobile applications, virtual reality, and biometrics are
	being leveraged by York Regional Police and other police services around the world to
	support member wellness and provide police members with new opportunities to
	build resilience and improve recovery.
	Moderator
	Superintendent Kelvin Chantiam, York Regional Police
13:45-14:30	Strategic Digital Transformation of the RCMP's Canadian Police College: Lessons for
<b>SESSION 6</b>	digital leaders in the law enforcement community
	Presenter
	<ul> <li>Scott McDougall, Director Digital Strategy, Canadian Police College</li> </ul>
	Description
	The Canadian Police College is undergoing a digital transformation of its advanced
	police training and leadership development, as well as its business processes. Hear about the approach to planning this transformation, the current status, and
	transferrable lessons learned for digital leaders.
	Moderator
	Dale Johnston, Director of Information and Technology, Saskatoon Police Service
14:30-15:00	Network Break (BC Ballroom)
14.30-13.00	
15:00-15:30	Canadian Radio-television and Telecommunications Commission (CRTC) Emergency
SESSION 7	Services Working Group (ESWG) Next-generation 9-1-1 Updates
	Duccountour
	<ul> <li>Presenter</li> <li>Chris Kellet, Past Chair, CRTC Emergency Services [E9-1-1] Working Group</li> </ul>
	(ESWG)
	Description
	An update from Chris Kellett, Past Chair of the CRTC Emergency Services [E9-1-1] Working Group (ESWG). The CRTC provides regulatory oversight for the 9-1-1 network and benefits
	from the services of the Emergency Services Working Group (ESWG) to research and provide
	recommendations on the implementation of their 9-1-1 related decisions. ESWG is composed
	of Telecommunication Service Providers, Public Safety Answering Points (PSAPs), and 9-1-1

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	Industry specialists. The Working Group addresses issues that relate to the provisioning of 9- 1-1 services. This includes the technical and operational implementation of 9-1-1 services as
	assigned by the CRTC or as requested by stakeholders.
	Moderator
	Dale Johnston, Director of Information and Technology, Saskatoon Police Service
15:30-15:35	Breakout Instructions
10.00 10.00	Dale Johnston, Director of Information and Technology, Saskatoon Police Service
15:35-16:50	<b>BREAKOUT SESSION A</b> (Pacific Ballroom) Firearm Bail Compliance Dashboard Project – Ontario Provincial Rollout
SESSION 8 BREAKOUTS	
	Presenters
	<ul> <li>Chloe Patsakos, Ontario Provincial Police</li> <li>Jon Dumond, Ontario Provincial Police</li> </ul>
	<b>Description</b> The Ontario Provincial Police (OPP), in collaboration with Toronto Police Services and
	Durham Regional Police Services, will unveil their groundbreaking Bail Compliance
	Dashboard for frontline officers. This innovative tool, initially launched in partnership,
	is now set to expand into a province-wide system, fostering enhanced bail compliance across Ontario through collaboration with partner ministries and law enforcement
	agencies.
	Moderator
	Staff Sergeant John Apostolidis, Toronto Police Service
	BREAKOUT SESSION B (Waddington) – Law Enforcement Session Only
	Interconnected Insights: Exploring Information/Data Sharing Models in British
	Columbia
	Presenters
	<ul> <li>Marjorie Cousineau, Manager, Policy, Security, and Review Services PRIMEBC</li> <li>Ronna Straka Operational Policy Analyst PRIMEBC</li> </ul>
	<ul> <li>Jason Cheung, Manager, Data and Development Services, Vancouver Police Department</li> </ul>
	Description
	Delve into the fundamental frameworks of real-time information sharing and data sets
	for analytics, essential pillars in the realm of law enforcement. This session will showcase two compelling examples of information sharing practices among multiple
	agencies in British Columbia. Gain a comprehensive understanding of the diverse
	approaches employed to meet a shared necessity, offering valuable insights into the

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	intricacies of collaborative data sharing. This discussion unveils the foundational aspects of information exchanges, highlighting two models that enhance cooperation and efficiency across law enforcement agencies in British Columbia. Don't miss this opportunity to explore the various pathways towards a common goal of seamless information sharing.
	Moderator
	Raymond Lai, Vancouver Police Department
	BREAKOUT SESSION C (Vancouver Island)
	Updates from the Information Technology Sub Committee (ITSC) of the NPIS AB
16:50-18:30	Exhibitors Networking Reception (BC Ballroom)

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07:00-15:45	Exhibit Show (BC Ballroom)
07:00-08:00	Breakfast (BC Ballroom)
08:00-17:10	Plenary Sessions (Pacific Ballroom)
08:00-08:15	Opening Remarks
	• Akram Askoul, M.O.M., Niagara Police Service; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee
08:15-09:00	Future Frontiers - How AI will Transform Society
SESSION 9	<ul> <li>Presenter</li> <li>Bill Syros, Senior Partner, BDO Lixar &amp; Exponential Labs</li> </ul>
	<b>Description</b> Join us for an engaging session featuring Bill Syrros, Senior Partner – BDO Canada, a distinguished technology consulting firm. As a futurist immersed in emerging technologies, Bill will explore the profound implications of the AI revolution for society, politics, and the future of work. Leveraging his extensive expertise in emerging technologies he will showcase how these technologies address global challenges while emphasizing the need to consider security and privacy risks. This session promises a captivating journey into the future, offering valuable insights into the ethical use of

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	technology. Don't miss the opportunity to deepen your understanding of the evolving
	landscape where innovation, ethics, and public trust intersect.
	Moderator
	Akram Askoul, M.O.M., Niagara Police Service; Co-Chair, Canadian Association of
	Chiefs of Police, Information and Communications Technology Committee
00.00.00.45	Revolutionizing Law Enforcement with AI: Unleashing the Power of ChatGPT/Mid-
09:00-09:45	journey - Opportunities, Challenges, and Safeguards
SESSION 10	
	Presenters
	<ul> <li>Deputy Commissioner Shawna Coxon, Strategy, Governance and Performance, Irish National Police Virtual Presentation</li> </ul>
	Alison Brooks, WW Public Safety Research Vice President, IDC
	Description
	As we stand on the brink of an AI revolution, dive into this thrilling panel discussion to explore the untapped potential of generative AI in modern policing.
	Curious about the low-hanging fruits ripe for the picking? Eager to learn how agencies are harnessing GenAI to supercharge efficiency? Ready to take your agency's workflow innovation to the next level?
	From force multiplication to crafting code, AI's capabilities are breaking barriers. The future is here; don't just witness it – be a part of the transformation!
	Moderator
	Kate Silhol, Chief Information Officer, Nlets – The International Justice & Public Safety Network
09:45-10:15	Network Break (BC Ballroom)
09:45-10:15	
10:15-10:35	NG9-1-1 Privacy Impact Assessments (PIA)
SESSION 11	
	Presenters
	<ul> <li>Ian Williams, Director of Information Management, Toronto Police Service</li> <li>Jarrod Dore, Manager of Information Privacy and Security, Toronto Police</li> </ul>
	Service
	<ul> <li>Staff Sergeant Glenn Hadley, Special Projects, London Police Servi e</li> </ul>
	Description
	The PIA working group will discuss the PIA template and their efforts to raise
	awareness with vendors on PIA requirements and the information needed to successfully complete one.

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10:35-10:55 SESSION 12	Enhancing Emergency Preparedness: Insights from Tabletop Exercises
10:55-11:05	Breakout Instructions
	Martin McCulloch, Radio System Manager, Waterloo Regional Police Service
11:05-12:15 SESSION 13 BREAKOUTS	<b>BREAKOUT SESSION D</b> ( <i>Pacific Ballroom</i> ) Information Analysis for Community Safety Subcommittee - Sharing Innovative Approaches to Business Intelligence, Analytics, and Ethical Algorithmic Policing Technologies
	<ul> <li>Presenters</li> <li>Dr. Alana Saulnier, Assistant Professor, Queen's University; Deputy Director, Surveillance Studies Centre</li> <li>Greg Stanisci, Manager, Business Intelligence and Data Analytics, York Regional Police</li> </ul>
	<b>Description</b> Join us as the Information Analysis for Community Safety Subcommittee presents a diverse range of topics aimed at advancing analytical capabilities in law enforcement. Discover the latest in Analytical Maturity Assessment, featuring a self-assessment tool. Delve into a compilation of a comprehensive glossary of analytics terms tailored specifically for law enforcement professionals. the committee has successfully identified the expected outcomes of a data literacy course, and we invite you to explore the journey ahead as we develop effective methods to communicate, deliver, and assess the course. Don't miss our insights into the crucial question: "What are the first 10 things your agency should focus on when entering the realm of analytics?" This session promises practical advice and strategic considerations for agencies initiating their analytics journey. Be part of the conversation shaping the future of analytics in law enforcement! <b>Moderator</b> Staff Sergeant John Apostolidis, Toronto Police Service
	BREAKOUT SESSION E (Waddington)         Cyber Safety for our own Members         Presenters         • Acting Detective Sergeant Lisa Belanger, Toronto Police Service
	<ul> <li>Al Adamo, Corp Security Senior Director, York Regional Police Service</li> <li><i>Description</i></li> <li>We will address the issue of doxing law enforcement officers. Delve into the strategies employed by law enforcement agencies to educate their members about privacy</li> </ul>

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	threats and explore the support systems in place to assist officers in the event of personal information exposure. This session aims to foster a comprehensive understanding of the measures taken to protect officers from unwarranted exposure, emphasizing the importance of proactive education and responsive support within the law enforcement community. The aim is to provide a forum for sharing best practices, insights, and lessons learned in the ongoing effort to safeguard the personal information and well-being of those who serve and protect our communities. Join us for a vital conversation on equipping law enforcement with the knowledge and support needed to mitigate the impact of doxing incidents.
	BREAKOUT SESSION F (Vancouver Island) NG9-1-1: Progress and Leadership in Emergency Services
	<ul> <li>Presenters</li> <li>Eric Janus, Operations Manager, Communications Centre, Ottawa Police Service; Co-Chair, CACP ICT NG 9-1-1 Working Group</li> <li>Kerry Murray-Bates, Manager Communications, Toronto Police Service; Co- Chair, CACP ICT NG 9-1-1 Working Group</li> </ul>
	<ul> <li>Description</li> <li>As we navigate the landscape of Next Generation 9-1-1 (NG9-1-1), it's crucial to assess our readiness and leadership roles in this transformative journey. While NG9-1-1 promises positive changes, unpreparedness can lead to significant disruptions in the vital 9-1-1 services for our communities, especially considering its multi-year implementation timeline. Building on the ongoing efforts of the CACP ICT NG9-1-1 Working Group, this presentation provides an updated perspective on the progress made by police services and Public Safety Answering Points (PSAPs). Join us to explore the advancements, challenges, and emerging leadership strategies in the dynamic landscape of NG9-1-1, ensuring our communities receive the best emergency services possible.</li> <li>Moderator</li> <li>Dale Johnston, Director, Information and Technology, Saskatoon Police Service</li> </ul>
12.15 12.15	Lunch (BC Ballroom)
12:15-13:15	
13:15-13:55 SESSION 14	<ul> <li>When Your Dispatch Centre Divorces Your Police Service</li> <li>Presenter <ul> <li>Bill Schrier, Strategic Advisor, Seattle 911 Center</li> </ul> </li> </ul>

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	<b>Description</b> Most PSAPs and Dispatch Centres in North America are operated by law enforcement agencies. In the United States, Sheriffs of the 3,143 counties commonly operate the PSAP, but in many large municipalities the Police Service will operate the Centre, dispatching not just law enforcement, but also the fire service and ambulance services. In Seattle, the Mayor and City Council decided to remove the 9-1-1 Centre and law enforcement dispatch from the Seattle Police Department, effective 1 June 2021, creating a new City government department, Community Safety and Communications Center (CSCC). This decision created many issues which the management of the new department solved, not the least of which were morale issues and establishing a new relationship with Seattle Police. This session will explore the lessons learned from this "divorce".
	<i>Moderator</i> Martin McCulloch, Radio System Manager, Waterloo Regional Police Service
13:55-14:40 SESSION 15	Reimaging Service Delivery Thru Digital Transformation – A Journey of Obstacles and Opportunities
	Presenters
	<ul> <li>Jason Mombourquette, Director General, Digital Solutions and Systems Delivery, Information Management and Information Technology Program, RCMP</li> <li>Joe Oliver, Senior Director, Strategy &amp; Innovation, Canadian Firearms Program, RCMP</li> </ul>
	<b>Description</b> The Canadian Firearms Program (CFP) is confronted with an enormous challenge – reimagining service delivery and elevating the client experience in a program that is drowning in paper-based processes and supported by an aging IT solution that lacks the level of functionality and integration required to meet the program's public safety mandate. The presenters will take you along on their journey of digitizing service delivery and migrating an on-prem solution to a Protected-B cloud-based platform. Leading with agility and resiliency, they will describe how they navigated obstacles and pursued innovative opportunities. Through process re-engineering and the adoption of a co-existence strategy involving new digital capabilities, the Canadian Firearms Digital Services Solution Project is incrementally delivering a user-friendly online portal and case management system to allow secure and seamless processing of firearms licensing and registrations for the CFP's 2.3 million individual and 4,500 business clients in a way that is modern, simple and efficient.
	<i>Moderator</i> Chief Superintendent Doug Ross, M.O.M., RCMP; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee

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14:40-15:10	Network Break (BC Ballroom)
15:10-15:50	PSBN Progress in Canada?
SESSION 16	
15:50-15:55	Breakout Instructions
	Martin McCulloch, Radio System Manager, Waterloo Regional Police Service
15:55-17:10 SESSION 17 BREAKOUTS	<b>BREAKOUT SESSION G</b> (Pacific Ballroom) Automotive Security and the Future of Security for the Connected and Autonomous Vehicle
	<ul> <li>Dr. Mitra Mirhassani, Department of Electrical and Computer Engineering, University of Windsor</li> </ul>
	<ul> <li>AJ Khan, Director of APMA Institute of Automatic Cybersecurity; CEO, Vehiqilla</li> </ul>
	<b>Description</b> Automotive technology is changing at a rapid pace. A pace much faster than regulatory and governance polices can keep up with. The convenience and comfort features of todays' modern vehicle have introduced vulnerabilities that have promoted the increased levels of vehicle theft. Vehicle data extraction for investigations and protecting personal identifiable information (PII) data stored within a vehicle's computer are all cause for concern and evaluation. The future of the Connected and Autonomous Vehicle (CAV) and the concept of OT, rather that IT, will be discussed in context with the future V2x (connected vehicles) technology hoping to invoke discussion around the cyber security of our future vehicle and roads ecosystem. <b>Moderator</b> Martin McCulloch, Radio System Manager, Waterloo Regional Police Service
	BREAKOUT SESSION H (Waddington) Have you been Hacked? Are you prepared? – Law Enforcement Session Only
	<ul> <li>Presenters</li> <li>Michael Searle, Manager, IT Infrastructure, Metro Vancouver Transit Police</li> <li>Lois Gorman, IT Manager, Saint John Police Force</li> </ul>
	<b>Description</b> Join us for a firsthand account of the lived experience during a cyber event. Gain invaluable insights into the stark contrast between expectations and the reality of your response when it happens to you. This session will offer a unique opportunity to delve into the complexities and challenges faced by law enforcement leadership in the wake of a cyber incident.

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	Moderator
	Raymond Lai, Vancouver Police Department
	BREAKOUT SESSION I (Vancouver Island) TO BE CONFIRMED

Тіме	WEDNESDAY, FEBRUARY 28, 2024
07:00-08:15	Breakfast (Pacific Ballroom Foyer)
08:15-12:00	Plenary Sessions (Pacific Ballroom)
08:15-08:30	Opening Remarks
	<ul> <li>Chief Superintendent Doug Ross, M.O.M., RCMP; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee</li> </ul>
08:30-09:15	Bringing in New Technologies - Post Clearview
SESSION 18	Presenters
	Dave Cobey, National Technology Onboarding Program (NTOP), RCMP
	<ul> <li>Brent Dyer, Executive Director, Information Technology, Infrastructure &amp; Fleet Division, Calgary Police Service</li> </ul>
	Colin Stairs, Chief Information Officer, Toronto Police Service
	<b>Description</b> A panel discussion featuring three distinguished agencies, namely the RCMP, the Toronto Police Service, and the Calgary Police Service, on adopting new technologies post-Clearview. Explore their unique approaches, internal processes, and lessons learned to ensure ethical technology adoption. Gain insights into challenges and innovative strategies in deploying technology while upholding ethical standards, emphasizing a commitment to transparency in law enforcement technology.
	<i>Moderator</i> Superintendent Brendan Dodd, Windsor Police Service
09:15-09:45	Network Break (Pacific Ballroom Foyer)
09:45-10:45 SESSION 19	Insights from our Industry Panelists on Advancing Ethically through Digital Disruption: Innovation, and Public Trust
	Description

Тіме	WEDNESDAY, FEBRUARY 28, 2024
	Embark on a journey of exploration in this panel discussion where our esteemed platinum sponsors will share their extensive experiences in navigating transformative technologies amidst the era of digital disruption within the Public Safety sector. This session is designed to dive deep into the sponsors' strategies for ethical and responsible technology adoption, operational efficiency, collaboration, and the evolving landscape of digital disruption. Gain unparalleled insights into the innovative approaches our platinum sponsors employ, shaped by their global experiences and diverse customer bases. Facilitator Superintendent Brendan Dodd, Windsor Police Service
10:45-11:45	Town Hall
SESSION 20	
3E33ION 20	Facilitator
	Superintendent Brendan Dodd, Windsor Police Service
11:45-12:00	Closing Remarks
	<ul> <li>Akram Askoul, M.O.M., Niagara Police Service; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee</li> <li>Chief Superintendent Doug Ross, M.O.M., RCMP; Co-Chair, Canadian Association of Chiefs of Police, Information and Communications Technology Committee</li> </ul>