



CYBER SECURITY AND PRIVACY WORKSHOP - UNDERSTANDING NEEDS AND BEST PRACTICES

**WEDNESDAY, JUNE 20
11:30 am – 3:00 pm
Oakes South**

Abstract:

Cyber and physical risks continue to grow in our connected world of Intelligent Transportation Systems (ITS) and smart mobility, with new vulnerabilities arising in networks, applications, data and physical assets. The resulting increase in threat surface provides more opportunities for bad actors to penetrate and exploit systems through other interconnected systems. At the same time, concerns about privacy are increasing, as more and more data is collected, connected and used in ways we never imagined. Cyber security and privacy tools, frameworks, and best practices play an important role not only in enabling the ITS and smart mobility solutions of today, but also in the designing of solutions for tomorrow.

This workshop will bring together ITS Transportation managers, policy makers, public sector IT personnel as well as experts in cyber security and privacy in an interactive session with the goal of understanding current gaps and needs in security and privacy from the stakeholder perspective.

The workshop will start with an overview of relevant and representative cyber security and privacy frameworks to help the audience understand current best practices and understand what it takes to design in security and privacy from the beginning. This overview will serve as a starting point to then facilitate an open discussion in small group breakout sessions where key topics will be addressed with participants helping identify current gaps and needs in cyber security and privacy found in their ITS applications. The workshop will conclude with a brief presentation of key findings and takeaways. Post workshop, attendees will receive more details on the findings and additional information of cyber security and privacy frameworks and best practices.



AGENDA

11:30 am – Noon	<p>Keynote: Dr. Ann Cavoukian, Distinguished Expert-in-Residence, leading the Privacy by Design Centre of Excellence, Ryerson University – Sponsored by StreetLight Data, Inc.</p> <p>Presentation: <i>“Beware of all things smart and connected: Privacy and Security must be embedded, by design”</i></p>
Noon – 12.30 PM	<p>Closing Luncheon Closing remarks: Mr. Chris Philp, Chair & CEO ITS Canada</p>
12:30 pm – 12:40 pm	<p>Sponsored Keynote: Mr. Ken Kaiser, Director of Operational Technology Cybersecurity at Parsons Corporation - Sponsored by Parsons Corporation</p> <p>Presentation: <i>“Difference between IT and Operational Technology (OT) cyber security”</i></p>
12:40 pm – 1.20 pm	<p>Overview of Cyber Security and Privacy Best Practices and Frameworks Applicable to ITS</p>
12:40 pm – 1:00 pm	<p>a) Cyber Security Best Practices and Frameworks Overview a. Framework walkthrough by <i>Paul Bottinelli, ESCRYPT</i></p> <p>b) Privacy Best Practices and Frameworks Overview a. Framework walkthrough by <i>Kara Selke, StreetLight Data, Inc.</i></p>
1:00 pm – 1.20 pm	
1:20 pm – 1:30 pm Break	Organization of breakout sessions
1:30 pm – 2:45 pm	Breakout sessions by topic
2:45 pm – 3:00 pm	Summary of breakout sessions presented by moderator of each table
3:00 pm	Conclusion of workshop

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