Office of the Chief Information Officer

BRITISH COLUMBIA

# Security Day – June 8, 2017
## "Internet of Things – Is your lightbulb spying on you?"

| Time | |
|---|---|
| 8:00 – 9:00 | **REGISTRATION** |
| 9:00 – 9:05 | **Logistics and Introductions**<br>*Caner Budakoglu, Director, Information Management, Ministry of Transportation and Infrastructure*<br>*Bashar Dari, Director, Advisory Services, Information Security Branch, OCIO* |
| 9:05 – 9:15 | **Welcome from Government Chief Information Security Officer**<br>*Gary Perkins, Government Chief Information Security Officer, Information Security Branch, OCIO* |
| 9:15 – 10:00 | **"Internet of Things – IoT and Society, where are we?"**<br>What is the Internet of Things and how is it affecting our Society.  What does this mean for you?<br>*Sylvain Denoncourt, IoT architecture Consultant, Cisco Systems Canada* |
| 10:00 – 10:30 | **"IoT Activities at the Ministry of Transportation"**<br>*The first part of the presentation will cover current experiences and challenges (including scalability, stability,  security and privacy). The second part of the presentation will discuss current discovery activities and future directions for IoT systems (involving camera and sensor data) at the Ministry.*<br>*Caner Budakoglu, Director, Information Management, Ministry of Transportation and Infrastructure*<br>*Peter Giese, Project Manager, Ministry of Transportation and Infrastructure* |
| 10:30 – 10:45 | **COFFEE BREAK** |
| 10:45 – 11:20 | **"It's 7am … do you know what's on YOUR network!?"**<br>*IoT and potential security threats are in the news constantly. In this 30 minute discussion, TELUS and its partner ForeScout will engage with the audience on debunking IoT security myths/perceptions, lessons learned with our customers and partners, IoT landscape today, what the future may hold and resulting best practices.*<br>*Josh Stevens Senior Security Practice Lead, BC Public Sector, Telus Communications*<br>*Toni Buhrke, Director, Systems Engineering at ForeScout Technologies* |
| 11:30 – 12:00 | **"Effectively Targeting Advanced Threats (IoT)"**<br>*From Ransomware to data breaches, advanced threats continue to dominate our discussions about IT security.  This presentation will provide insight into current and emerging managed security services that work in concert with your Incident Response strategy for optimal protection against cyberthreats.*<br>*Terry Sangha, Sales Engineer and SME, Trustwave* |
| 12:00 – 1:00 | **LUNCH** |
| 1:00 – 1:30 | **"The Insecurity of Things!"**<br>*A walk down the trail of IoT hacking and stories from Guy and his adventures.  There is currently no standard in IoT Security and, quite often no support of devices past their warranty leaving us vulnerable in the threat landscape of the Internet.*<br>*Guy Rosario, Manager, IT Advisory/Cyber Security, KPMG* |
| 1:30 – 2:00 | **"IoT Cybersecurity in a Connected World"**<br>*A deeper investigation of an IoT use case where we more thoroughly examine the security implications of Internet of Things. "Security by Design" is the only way to "Do It Right".*<br>*Sylvain Denoncourt, IoT architecture Consultant, Cisco Systems Canada* |
| 2:00 – 2:30 | **"How our children are exposed to good and evil while on The Internet"**<br>*While the Internet is like a flood gate to many things such as information, communication and entertainment, it can also be a direct  passageway to danger; including the issue of self/peer exploitation.*<br>*Corporal Rory Webb, "E" Div Major Crime Section, Integrated Child Exploitation Unit (ICE)*<br>*Royal Canadian Mounted Police (RCMP)* |
| 2:30 – 2:45 | **COFFEE BREAK** |
| 2:45 – 3:45 | **"From Sensors to Decisions - When Seconds Count.**<br>**Earthquake Early Warning at Ocean Networks Canada"**<br>*Ocean Networks Canada (ONC), an initiative of the University of Victoria, thrives on the cutting edge in the establishment, operations, and innovations driving one of the world's most advanced ocean observatories. Earthquake early warning is an example of this vision in action where we are developing a network of offshore and land-based sensors to deliver real-time information about incoming ground shaking from earthquake events before they make impact*<br>*Teron Moore, Business Analyst, Innovation Centre, Ocean Networks Canada*<br>*Ivan Rincon, Project Manager, Ocean Networks Canada*<br>*Dwight Owens, Ocean Networks Canada* |
| 3:45 – 4:15 | **"Exploring possibilities with the Internet of Things"**<br>*As IoT becomes more commonplace, MTICS has been exploring how to use existing infrastructure to address business issues and challenges, creating an 'IoT sandbox' for staff to explore and learn, to better understand hardware and software interfaces, the relation to business requirements, how to approach project management from an IoT perspective, and some lessons learned from a low-risk feasibility study."*<br>*Philip Twyford, Executive Director and Chief Financial Officer, MTIC* |
| 4:15 – 4:30 | **Wrap-up**<br>*Bashar Dari, Director, Advisory Services, Information Security Branch, OCIO* |
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