



UNIVERSITY OF
TORONTO

Identity, Privacy & Security Institute

The IPSI Lecture Series Presents:



Privacy Impacts of Cyber Security Vulnerabilities in Smart Grid Deployments

Mark Fabro

President and Chief Security Officer for Lofty Perch

The Smart Grid will greatly expand the amount of data that will be monitored, collected, aggregated, and analyzed. This expanded information, particularly from customer sites raises added privacy concerns, particularly because the Smart Grid is an 'always on' passive network of devices. Therefore the innovative technologies of the Smart Grid pose new legal issues for privacy within the home and other properties.

Drawing on questions and concerns about privacy and the Smart Grid, we will analyze how impact assessments and data analysis can be utilized to inform not only better Smart Grid design, but also inform the work that goes into their administration, security and maintenance. Ultimately this talk will consider and critique a variety of solutions that will improve the privacy impact of the Smart Grid.

Monday, November 9, 2015

11:00 AM – 12:30 PM

Rosebrugh Building, RM 211

164 College Street Toronto, ON, M5S 3G9



Mark Fabro is the President and Chief Security Scientist for Lofty Perch Inc., a market leading security technology company focused on SCADA and control system cyber security. As a recognized expert in cyber-attack forecasting and non-traditional threat vectors, his core expertise is in developing defensive and forensic computing strategies for SCADA and industrial control systems.

As well as being the founder and chairperson of the Canadian Industrial Cyber Security Council, Mr. Fabro sits on the UTC Smart Networks Security Committee, helped found the Repository for Industrial Security Incidents (RISI), and is a member of both ICSJWG and the NERC Smart Grid Task Force. He has led projects for a broad spectrum of international utilities and has extensive public sector experience, including testifying to U.S. Congress on cyber threats to the North American Bulk Power System and supporting the Canadian Embassy trade initiatives across the 5 eye community.

