

**Canadian** Cyber  
Threat Exchange  
*Informing Canadian Business*



Échange **canadien**  
de menaces cybernétiques  
*Informer les entreprises canadiennes*

# Association of Canadian Port Authorities 59<sup>th</sup> Annual Conference

**“Protecting Canada’s marine assets  
in a cyber-scary world”**

Robert W. Gordon  
Executive Director

September 20, 2017

# The threat is real – it keeps security professionals awake at night

- Increase in sophistication and patience of attackers
- Consequences of cyber attack – from theft, to denial, to destruction
- Degree of collaboration between attackers never seen before
- Weaponization of Internet of Things (IoT) devices
- Geopolitical environment impacting cyber environment
- Keeping pace with rate of change of adversaries a challenge
- Attacks occurring across all sectors – no one is immune

# Cyber Threat Information Sharing is Required



- Leverage the knowledge of others to make the cost of attacking more expensive
- Enrich existing information making it more actionable
- Information sharing is cost effective
- Helps protect your clients and supply chain

# Your are not alone!

The Government is here to assist



Canadian Cyber Incident Response Centre

Learn from others



Vancouver Fraser Port Authority

Collaboration and threat sharing



Canadian Cyber Threat Exchange

Not-for-profit, multi-sector  
Large, medium & small  
businesses

# CCTX

## a model of sharing & collaboration

CCTX  
Collaboration  
Centre

- Talking with other professionals to solve your cyber problems
- Sharing information on single issues & latest threats
- Exchanging best practices, techniques & insights

CCTX  
Data  
Exchange

- Actionable cyber threat intelligence
- All data is anonymized
- Global lens with a Canadian perspective
- View threats across sectors
- Analysis produces reports for tactical and strategic decision making