OPERATION INTERSECT

INTERSECT
Canada’s Capital Region

- 1.2 million people;
- Seat of Canadian Parliament;
- 300+ embassies, diplomatic offices and residences;
- 400+ events/demos annually.
Lessons Learned
INTERSECT

- Multi-jurisdictional, all-hazards emergency preparedness program within the National Capital Region (NCR).

- Program launched in 2008, designed to ENHANCE Emergency Management and Preparedness initiatives in the NCR.

- Co-Chaired by the Ottawa Police Service (OPS), the Royal Canadian Mounted Police (RCMP), and the City of Gatineau

- Managed by one FTE.
Strategic Direction

- **VISION:** To be the recognized leader in collaborative all-hazard emergency preparedness.

- **MISSION:** To foster an inclusive program that enhances situational awareness, collaborative leadership, and community resilience in all hazard preparedness within the National Capital Region.
Membership

- Membership includes private and public representatives from critical infrastructure sectors at various levels in the provinces of Ontario and Quebec.

- Over 28 Agencies
Intersect Objectives

What are we here to accomplish?

- Enhance partnerships.
- Improve information sharing.
- Enhance Critical Infrastructure Protection.
- Collaborative approach to planning and mitigation.
Public-Private-Partnerships (P3)

- More than 85% of critical infrastructure is privately owned and operated.

- Interconnected nature of critical infrastructure **not** fully understood.

- Understanding interdependencies and consequences requires **unprecedented**, information sharing, cooperation and collaboration.
Situational Awareness

- Notifications are sent to alert partners to any evolving incident, threat, or hazard based on the following criteria.
  
a. Affects multiple stakeholders;
b. Has a major impact on operations;
c. Has National or International implications;
d. Involves Government of Canada, Ministers, or Senior Officials;
e. Involves Foreign Embassy or Diplomats

- Notifications include sensitive but UNCLASSIFIED information
Technology

The Challenge

- Main communication tool: EMAIL
- Reliant on relationships
- No common tool to build situational awareness and a Common Operational Picture

The Solution

- Canadian Safety and Security Program.
- Engage industry, academia and government in collaborative research projects.
- $800,000 over 3 years.
ISAN Project

INTERSECT Situational Awareness Network

- Project Proposal initiated in early 2013.

- Partnership with Canadian Security Science Program (CSSP) - with assistance of ESRI Canada and INTERSECT partners.

- Enhance all-hazard situational awareness in the National Capital Region (NCR) by establishing a common situational awareness picture of relevant information shared by INTERSECT partners.
ISAN Pillars

• Sharing of UNCLASSIFIED but SENSITIVE situational awareness information.

• “confirmed” and “trusted” source of information – reliable and permissions based.

• Enhanced Mobile and GIS capabilities within a secure (High Resilience) technology platform.

• Leverage existing technologies and partnerships.

• Technology development and implementation phases continue to evolve.....never rest
Intersect Situational Awareness Network

1. Collect & Input Situational Awareness Information
2. Process, Collaborate & Share
3. Send Alerts & Notifications

iSAN Dashboard

Secure Web Environment

Fire, Police, Emergency, Public partners

Mobile Alerts
Desired Outcomes

✓ Improved **ACCESS** to information.

✓ Improved access to **Subject Matter Experts**

✓ Improved **DECISION-MAKING** & risk identification

✓ Improved **UNDERSTANDING** of mandates and capability

✓ Improved working relationships and **TRUST**

✓ Improved major event **PLANNING**
ISAN Next Steps

• Evaluation and continuous improvement of the program

• Evaluation and continuous improvement of the technology

• Examine future methods/sources of data sharing.

• Enrich the INTERSECT membership by expanding the scope of P3 partnerships
ISAN at a glance
CONCLUSION

- INTERSECT and ISAN are part of several initiatives in the NCR designed to enhance interoperability, safety and security.

- Collaborative Leadership, Situational Awareness, and Community Resilience are the pillars of the program.

- Program fosters “meaningful participation”.
Kevin Mason
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