



OPERATION 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

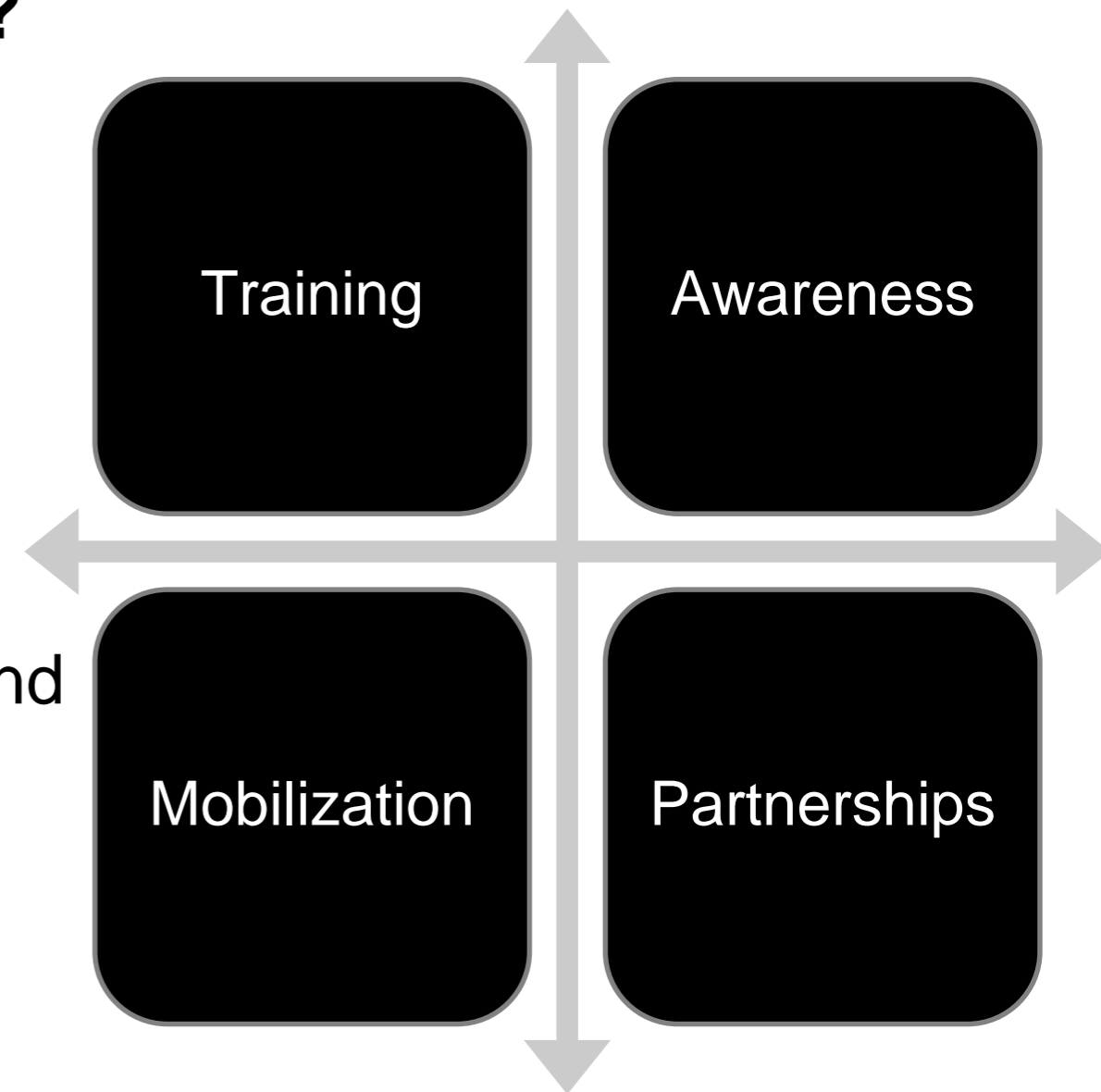
- Membership includes private and public representatives from **critical infrastructure sectors** at various levels in the provinces of Ontario and Quebec.
- **Over 28 Agencies**





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



Fire, Police, Emergency, Public partners



Secure Web Environment



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

BROWSE PAGE SHARE EDIT

Intersect Situational Awareness Network (ISAN) Incidents Events RFIs EDIT LINKS Search this site

Intersect Situational Awareness Network (ISAN)

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Contents Analysis Tools Share

+ Add data

- ISAN Incidents
 - ems.incident.civil.demonstrations
 - ems.incident.roadway.roadwayClos

Incident List

+ Create new Incident

Incident #	Title	Incident/Event Category	Modified	Lead Agency
ISAN-2017-31	Strike OPSEU	Demonstrations	October 16	Ottawa Police Service
ISAN-2017-30	Strike OPSEU	Demonstrations	October 16	Ottawa Police Service

Events Calendar

+ Create new Event

Title	Location	Start Date ETZ	End Time ETZ
Strike	801 Aviation Parkway Ottawa	10/16/2017 6:00 AM	10/16/2017 9:00 PM
LE Operation Simulation	719 Heron Rd	10/18/2017 7:00 AM	10/19/2017 5:00 PM
NRC Lockdown Exercise	555 Booth Street	10/18/2017 11:15 AM	10/18/2017 12:00 PM
Demo Iraqi Embassy Support	215 McLeod Street Ottawa	10/20/2017 2:00 PM	10/20/2017 4:00 PM
Demo March People of Anishnabe Nation: Ottawa River Watershed	Victoria Island to Parliament Hill	10/26/2017 12:00 PM	10/26/2017 4:30 PM

1 - 5

ISAN RFI Tracker

+ Create new RFI

Member/Agency Contact List

Key Documents

Full Screen Map



ISAN Events Calendar

BROWSE **EVENTS** CALENDAR SHARE

Intersect Situational Awareness Network (ISAN) Incidents **Events** RFI's [EDIT LINKS](#) Search this site

ISAN Calendar

2017 November 2017

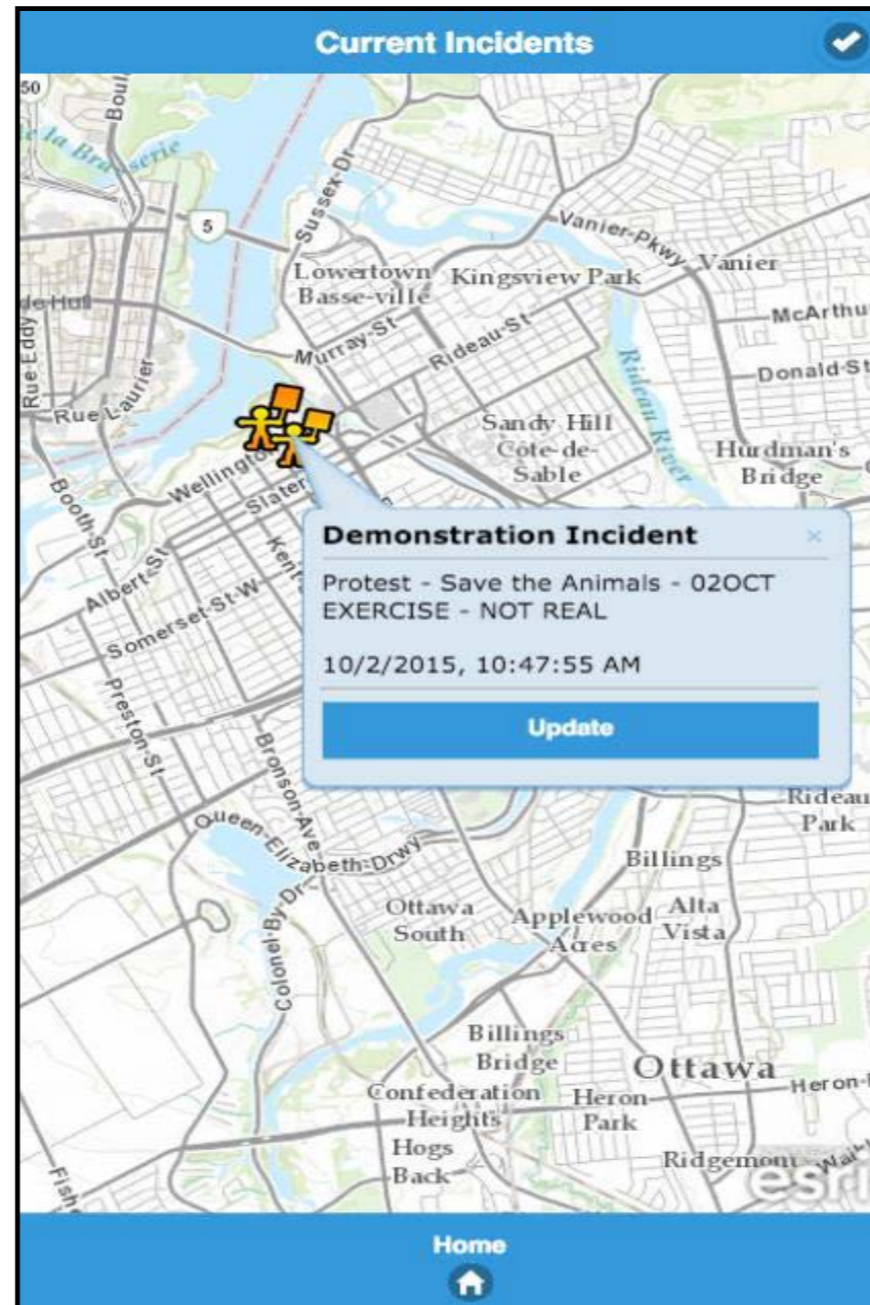
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29 VIP Visit President of Colombia	30 VIP Visit Prime Minister of Ukraine (Ottawa)	31	1	2 5:00 pm - 11:00 pm Military Appreciation Night	3	4 2:00 pm - 6:00 pm Demo UpPH 2017-284 Togo
5 4:00 pm - 11:00 pm Demo March Million Mask March	6 12:30 pm - 2:30 pm Demo Cameroon High Commission	7	8	9	10	11 7:00 am National Remembrance Day 10:00 am Remembrance Day Ceremony 6:00 pm VIP Visit United States Marine Corps
12 12:00 am - 1:00 am VIP Visit United States Marine Corps Ball	13 Smog Warning issued for Gatineau (Gatineau and Quebec)	14 8:30 am Community Meeting re Salvation Army	15	16 Demo Mohamed Harkat and the legality of the Security Certificates (Supreme Court)	17 + Add	18 7:00 am - 2:00 pm Help Santa Toy Parade
19	20	21 11:00 am Buloch Students Organization 12:00 pm Sporting Event 3:30 pm Demo Algonquin Students Association	22	23 7:00 pm - 12:00 am Sporting Events CFL Awards	24 12:00 am Sporting Events CFL Awards 10:00 am Sporting Event CFL Luncheon 2:00 pm Demo Colombian Embassy + 1 more item	25 12:00 am - 2:00 am Sporting Events CFL Awards
26 9:00 am - 11:50 pm Grey Cup Game and Festival	27	28	29	30	1	2

Calendars in View: ISAN Calendar

Home Documents Recent Site Contents [EDIT LINKS](#)



ISAN Mobile





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**”.





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