



# Mobile Detect Inc.

**Showcase for Innovative Security Technology**  
**November 27, 2006**  
**The Crowne Plaza Hotel, Ottawa**

**Dr. Robert McFadden, CEO**

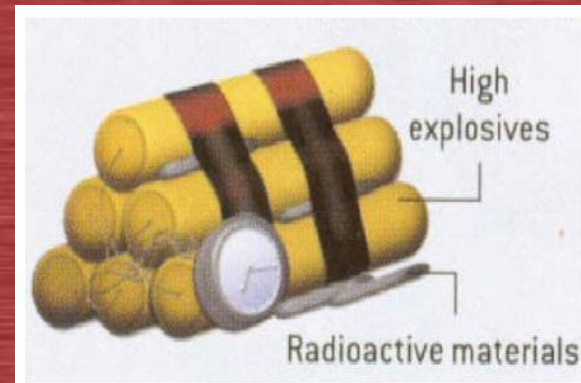
27 November 2006  
Ottawa, Canada

# Addressing Security Gap

- Prevent Radiological Terror Attack
  - Critical Infrastructure and Economy
  - Community, First Responders and Government
- Close Radiological Security Gaps
  - identified by Government of Canada
  - Consolidated Risk Assessment Document (CRAD)
- Provide tools:
  - manage radiological incidents
  - mitigate their consequences

# Radiological Terror Agents

- Next Step escalation in Terrorism
  - lower and less expensive technology than nuclear
  - dramatic increase in impact of any attack
- Agents are Small, Robust, Readily Available
- High Impact
  - Widespread fears of radiation
  - Psychosocial, Economic impacts
  - Fatalities and disease
- Radiological Agents may be:
  - Dispersed (i.e. “dirty bomb”)
  - Hidden (i.e. “silent bomb”)



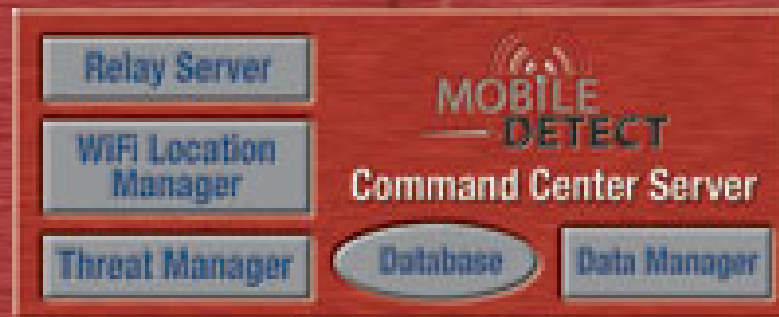
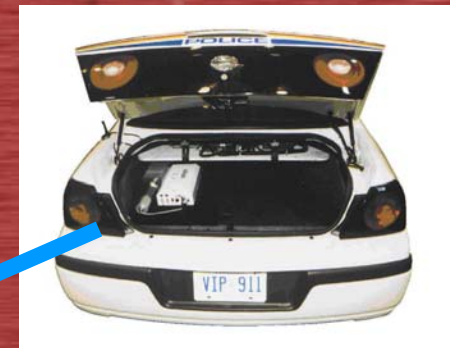
# MDI Radiological Security System

- Network of Static and Mobile Radiation Sensors
- Ground-Truth radiation measurements in Real-Time



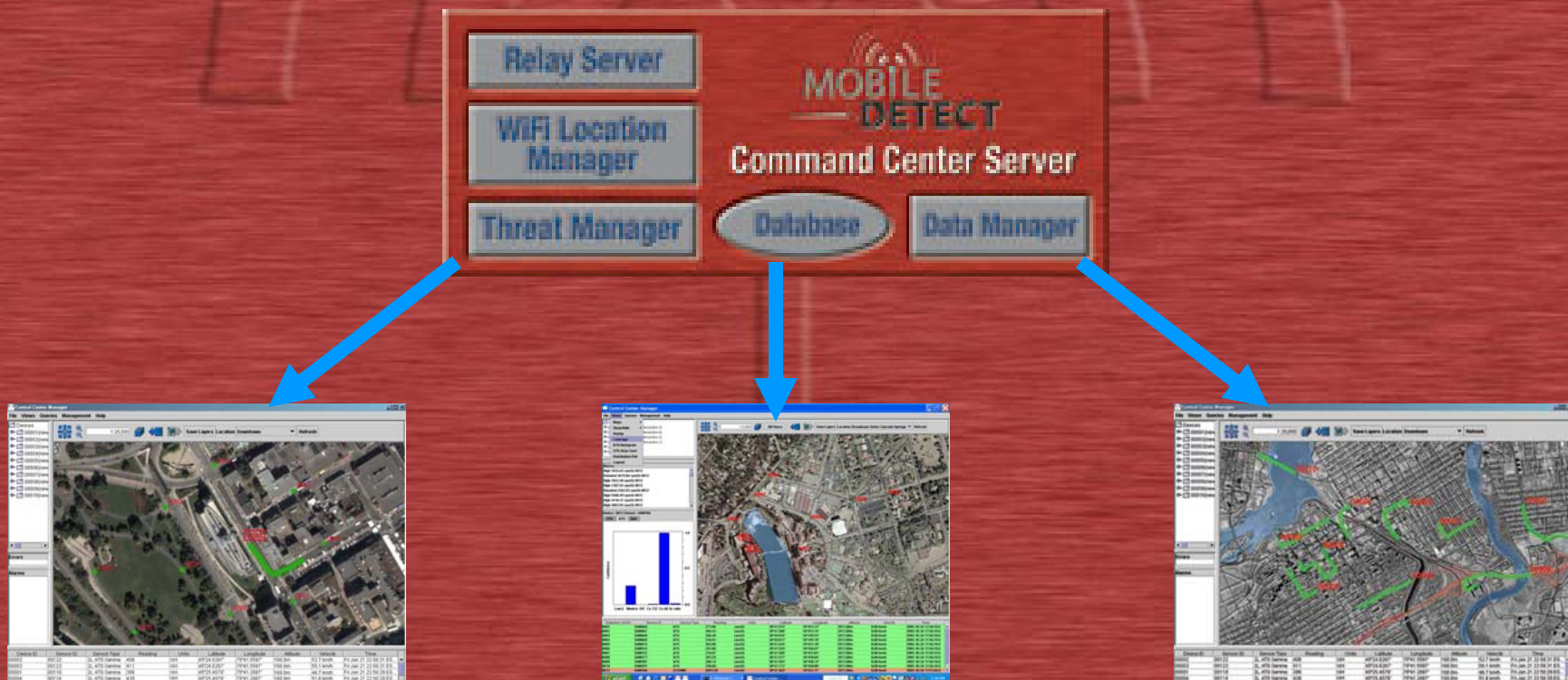
# MDI Radiological Security System

- Threat Analysis and Data Storage



# MDI Radiological Security System

- Information Visualization and Situational Awareness
- Important component of the Common Operating Picture



# End to End Security System

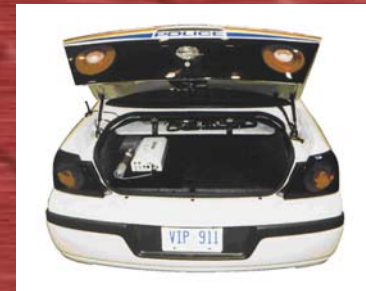
- Integrated System
- Innovative Departure

# Interoperable and Integratable

- Open Architecture throughout system
- Demonstrated interoperation with existing video, telecommunications, security, and other systems
- Demonstrated integration with existing critical infrastructure operations

# Installations

- Royal Canadian Mounted Police
- Ottawa International Airport
- City of Colorado Springs



# Assessments

- CRTI
  - Canada DND
  - Health Canada
    - Radiation Protection Bureau



*“Mobile Detect has mature technologies”*

- CWID (US Joint Chiefs event)
  - Canada DND
  - U.S. Northern Command
  - U.S. Coast Guard
  - U.S. Navy



*“Highly functional and ready to be deployed in its current form”*

# Market Opportunities



**Urban Areas**

**Transportation**

**Critical Infrastructure**

**VIP and Event Security**

**Military Force and Base Protection**

**Incident Response**



## Policy and Regulation

- Radiological Security System is **Mature**
- Public expectation is **High**
- Government Policies and Regulations to address Radiological Terror are **Needed**



[www.MobileDetect.com](http://www.MobileDetect.com)

