



# Cost-Effective CBRN Security for Communities and Critical Facilities



Vehicle-mounted Detection Unit (RCMP)



Person-carried Detection Unit



RadWatch™ Server

## CBRN Surveillance Network

Mobile and Static Detection Units (DUs) can be deployed with a variety of CBRN Sensors. Together, they form a dynamic CBRN Surveillance Network. Vehicle-mounted DUs provide cost-effective surveillance of an entire Community. In a Critical Facility, Static DUs provide targeted surveillance of stationary assets and entry/exit points, while Person-carried DUs add resolution and redundancy. All DUs are ruggedized, and are ideally suited for covert surveillance operations and incident site management.

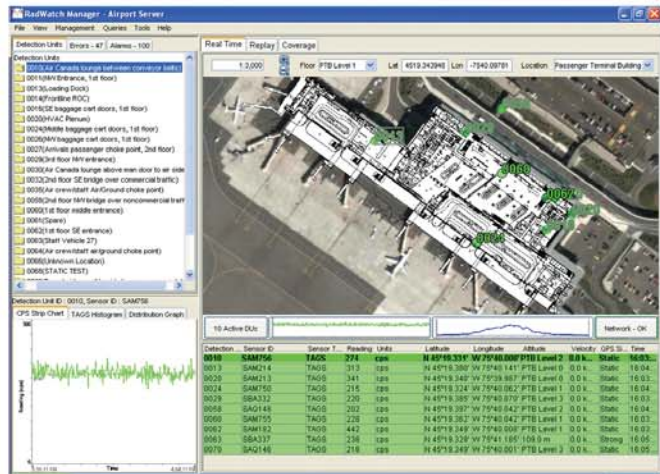


Static Detection Unit (Ottawa International Airport)

# Threat Visualization

RadWatch™ Products feature networks of static and/or mobile Detection Units with ATS Radiological Sensors to provide a Gamma Radiation Surveillance Network over a protected facility, area or community.

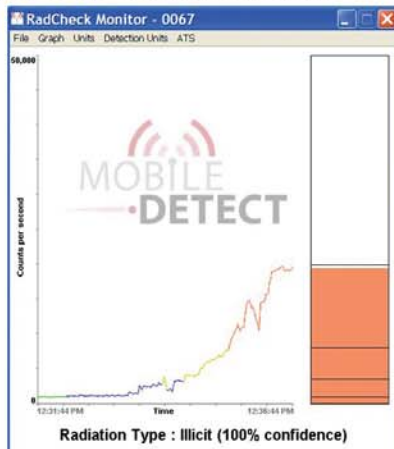
Systems include real-time determination of illicit versus medical sources of radioactivity, directed alarming and a radiological situational awareness Graphical User Interface.



Airport RadWatch™ Manager

RadCheck™ Products feature a single static or mobile Detection Unit with an ATS Radiological Sensor deployed to investigate an incident, suspicious item or area, or to protect people, an item or an area.

Systems include real-time determination of illicit versus medical sources of radioactivity, local alarming and a simple Graphical User Interface.



RadCheck™ Monitor

# Current Installations

## Ottawa International Airport, in association with:

- Department of National Defense (DND)
- Ottawa Airport Authority
- Ottawa Police Services
- McFadden Technologies Ltd.
- Health Canada - Radiation Protection Bureau
- Health Canada - National Dosimetry Service
- Transport Canada

Funded by DND through CBRN Research and Technology Initiative (CRTI) 03-0018TD (2003).

## National Capital Region (Ottawa, Ontario), in association with:

- Department of National Defense (DND)
- Royal Canadian Mounted Police
- McFadden Technologies Ltd.
- Health Canada - Radiation Protection Bureau
- Natural Resources Canada

Funded by DND through CBRN Research and Technology Initiative (CRTI) 0105TA (2004).

Patents pending in US, Canada and Internationally.



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