

CRTI funds Mobile Detect for “Explosive and Radiological Transit Security”

On September 29, 2010 the Centre for Security Science (CSS) and CRTI (CBRNE Research and Technology Initiative) concluded a contract with Mobile Detect Inc.

This contract is to execute the **CRTI-07-0217TA - Explosive and Radiological Transit Security** project. This Project will develop and pilot a Radiological and/or Explosive Agent (R/EA) Security System in an operating, un-gated Public Transit station. The Project will deliver a validated R/EA Security System for pre-incident, real-time, covert detection of precursors for IEDs, REDs and RDDs.

The R/EA Security System will be linked with conventional transit security and response/enforcement. The Project integrates advanced explosives detection and Mobile Detect Inc.'s gamma radiological detection into Cubic's Ticket Vending Machines and other fare equipment currently operating at the pilot site. Suspect images (triggered by detection events) with location and threat agent information will be distributed in real-time to responders, enforcement and decision makers.

Mobile Detect Inc.'s team includes world-leaders in radiation and explosive detection, transit technologies, security integration, radiation knowledge, enforcement and response, and transit. These Partners are: Cubic Security Systems Inc., Health Canada (Radiation Protection Bureau), Edmonton Transit System, Canadian Police Research Centre, Ottawa International Airport, Transport Canada and Royal Military College

The Partners will deliver a validated system design for deployment and CONOPS/SOPs suitable for un-gated public transit systems worldwide.

This project represents the third major investment in Mobile Detect projects by the Government of Canada, Defence Research and Development Canada (DR&DC), CSS and CRTI.

The other investments are:

CRTI 0105TA - Mobile Real-Time Radiological Surveillance Network

CRTI 03-0018TD - Airport Radiological Surveillance System

Mobile Detect Inc. provides unique Canadian technology delivering cost-effective counterterrorism solutions to protect airports, critical infrastructure, and communities from radiation.

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