



ERIN - Emergency Resource Inventory Network

Delivered by: AMITA Corporation

Sponsor: Public Safety Canada

Partnership: National Research Council - Institute for Information Technology (NCR-IIT), DRDC Val Cartier, Environment Canada, Carleton University Human Oriented Technology Laboratory (HOTLab), New Brunswick Department of Public Safety, City of Richmond, Canadian Association of Fire Chiefs, EMS Chiefs of Canada

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OBJECTIVES:

Experience illustrates the lack of easily accessible and comprehensive lists of emergency assets results in delays and inefficiencies during crisis and currently, there is no national automated system in Canada for municipal/provincial/federal emergency response stakeholders to list, access, type and/or coordinate emergency CBRNE/all-hazard response resources.

ERIN will provide access to a comprehensive inventory of emergency resources, such as: emergency response teams, facilities, resources, training facilities and contractors.

ERIN will improve a sustainable response by assisting responders / planners / decision-makers in locating and accessing emergency resources during surges. Near real-time access is available to all published resources, assisting in assessing vulnerabilities / planning / coordination / synchronization of response target capabilities list(s), loans of resources, Standard Operating Procedures (SOPs), and resource assignment and recovery.

ERIN will exploit the outputs of the CRTI Canadian CBP Initiative.

OUTPUTS:

This project involves the production and field testing of a bilingual, open-architecture database application that may accessed via the Internet with role based security. ERIN may be used by the community as a comprehensive inventory of emergency resources to assist in response to all hazards.

An agency may share with other agencies the emergency resource items they have available to loan by publishing them in ERIN.

ERIN also provides community planners with access to target capability activity performance metrics and allows assessment based on these targets.

IMPACT:

ERIN allows multi-agency coordinators to avoid the duplication of capability assessment and written record keeping associated with emergency resource inventory management.

ERIN enables the capture and retrieval of capability data needed by the multi-agency coordination system (MACS) and EOCs operating at the community, provincial, federal, and international level.

ERIN assists planners in identifying gaps / vulnerabilities for risk assessment at the community level.