Real Time Identification

Overview

RTID is a National Police Services (NPS) Project under the stewardship of the RCMP designed to improve the efficiency of Canada's national fingerprint and criminal record repository. It will replace outdated paper processes and legacy systems with re-engineered workflows and automation. RTID will use modern technology to meet business demands and support interoperability with all clients. Fingerprint identification and criminal record services are provided by NPS Canadian Criminal Real Time Identification Services (CCRTIS) to the Canadian law enforcement, criminal justice and public security communities, as well as, international partners, such as the Federal Bureau of Investigation and Interpol.

RTID will:
- Supply a new Automated Fingerprint Identification System (AFIS) and associated infrastructure to support rapid fingerprint identification and allow the immediate update of the associated criminal record
- Enable seamless, paperless, electronic submission of fingerprints and criminal record data via the NPS Network (NPSNet) to CCRTIS.
- Provide clients with specifications for a standard for electronic submissions to ensure that they can format data to be compatible with the NPS National Institute of Standards and Technology (NIST) Server.
- The standard selected is the NPS National Institute of Standards and Technology Interface Control Document (NIST-ICD) Version 1.7.7.
- Support the electronic submission of disposition information from law enforcement agencies ensuring an accurate and up-to-date criminal record.
- Replace independent legacy systems with an integrated solution.
- Define and implement a workflow management solution to improve the efficiency of processing criminal record verifications.

Milestones

Major project milestones include:

Phase 1

✓ Fall 2005   Effective Project Approval granted by Treasury Board
✓ Fall 2005   Contract awarded to Cogent Systems, Inc. for AFIS purchase
✓ Spring 2006   NPS-NIST ICD Version 1.7.7C published
✓ Fall2006   NPS-NIST ICD Version 1.7.7D published
✓ Fall 2006   NPS-NIST Server Release 0.5 operational
Winter 2007   New AFIS in production

Quick Facts

- In 1968, National Police Services installed the first AFIS in the world

- Client groups include:
  - Law enforcement and justice communities
  - Federal, provincial, territorial and municipal partners
  - Civil clients
  - International law enforcement

- Approximately 230,000 civil clearance requests are received annually for:
  - Employment
  - Vulnerable sector volunteers and staff
  - Social services requirements
  - International adoptions
  - Waivers / Visas
  - Access to information requests

- For the existing 3.5 M criminal records, there are approximately:
  - 540,000 annual transactions and
  - 34 M supporting documents

Real Time Identification

Winter 2007   Civil Release
Spring 2007   Latent Release
Spring 2007   Ten Print Enrollment Release
* Clients benefit from full AFIS functionality

Phase 2

✓ Fall 2006   Pre-Qualification Request for Proposal released
✓ Winter 2007   Process and workflow re-engineering complete
✓ Spring 2007   Effective Project Approval granted by Treasury Board
✓ Summer 2007   Criminal Record Workflow component - Implementation RFP released
Fall 2008   Criminal Record Workflow implemented
Spring 2009   Project closed down
* RTID is fully functional and connected clients experience improved service levels

Objectives

Once fully implemented, the service time estimates for RTID are:

Service	RTID Target Processing Time
Criminal ten print searches	2 hours
Criminal record updates	24 hours
Civil ten print searches	72 hours
Latent crime scene searches	24 hours

The improved efficiency of RTID will contribute to the ability of our clients to do their job and enable CCRTIS to process an increased number of service requests including:

- Electronic fingerprint submissions
  - Ten print
  - Latent
- Acceptance of ID flats (ten plain impressions) for civil submissions
- Electronic palm print submissions
- Latent identifications
- Electronic criminal record submissions
  - Charge and disposition
  - Electronic disposition reporting

For more information about the RTID Project or the NPS-NIST-ICD Version 1.7.7, contact the RTID Project Director at rtid_itr@rcmp-grc.gc.ca (email).