Predict the Environment
Interpret the Battle Space
Shape Operations
NDIA Biometrics Conference

The link between

The Battlefield

&

The Borders

Foundation  Integration  Fusion
UNCLASSIFIED

Canadian Military Biometrics Effort

“On the Battlefield”

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Agenda

- Introductions & Focus Area
- Afghan & Naval Collection
- Other Activities
- Future Capability
- Bridging The Gap
Focus Area

- Military Organization
  - Military Mandate Only
  - Overseas Operational Security Requirements
  - Counter-Terrorism Mandate Only
  - Non-Canadian Data
  - Physical Security & Troop’s Safety
  - Increase Identity Superiority
Afghanistan Collection

- Policy and legal issues resolved
- Chief of Defence Staff Directive
- No Biometrics Storage Required
- No collection from Canadians Citizens
- Mandated Caveat required for ABIS upload
Canadian Caveat

“Canadian inputted biometric data is to be used in a manner consistent with the ISAF mandate and may be shared for purposes of furthering the ISAF mandate. Any nation that wishes to use or share Canadian inputted data for a different purpose must first obtain the permission of Canadian authorities”.
Level II Lab

- Forensic Exploitation
  - Documents Exploitation
  - Debris Collection & Analysis
  - Multi-Modal Biometrics Analysis
  - Report Drafting

- Allied Cooperation
  - Sharing Collected & Raw Data
  - Sharing Biometrics Enabled Intelligence (BEI) Reports
Phase II

- Refining Afghan Biometrics Collection
- Biometrics at Sea Capability
  - Boarding Operations Support System (BOSS)
  - Counter-Terrorism Only
  - **NO** Counter-Piracy
BOSS Mk III

- Computer (Toughbook)
- GPS Receiver
- Passport Reader
- Fingerprint Scanner
- Iris scanner (External)
- Wireless WiFi Camera
- Microwave Radio
- Antenna
Other Biometrics Initiatives

- Digitize Detainees Fingerprint Cards
- Upload Legacy Data To ABIS
Future

• Develop Enduring Biometrics Portable Capability

• Develop/Field IM/IT Infrastructure

• Improve Biometrics Enabled Intelligence (BEI)

• Improve Identity Superiority Capability
How do we bridge the gap?

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Military Cooperation

- United States
- United Kingdom
- Australia
- NATO
- Other Military or Coalition Partners
Other Government Departments (OGDs)

- Transport Canada (TC)
  - Canadian Air Transport Security Authority (CATSA)
- Canada Border Services Agencies (CBSA) (NEXUS)
- Royal Canadian Mounted Police (RCMP)
- Canadian Security & Intelligence Services (CSIS)
- Foreign Affairs & International Trade (FAIT)

Industry & Academia

- Coordination of Requirements and Priorities
- Research & Development Engagement
How?

- Attend Conferences & Exhibitions
- Simplify & Harmonize Legal & Policy Regulations
- Define & Implement Standards
- Expand BEI Training & Development
- Share & Implement Lessons Learned
- Implement Biometrics Data Sharing Agreements
How do we move forward??

International Cooperation

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Questions??

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