

***CANADIAN FORCES  
DEFENCE GEOSPATIAL INTELLIGENCE***



***Predict the Environment  
Interpret the Battle Space  
Shape Operations***

# NDIA Biometrics Conference

## The link between

The Battlefield



The Borders



# &



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**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



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# 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



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# 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



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## 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”.



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# 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



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## Phase II

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



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# BOSS Mk III

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



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## Other Biometrics Initiatives

- Digitize Detainees Fingerprint Cards
- Upload Legacy Data To ABIS



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# Future

- Develop Enduring Biometrics Portable Capability
- Develop/Field IM/IT Infrastructure
- Improve Biometrics Enabled Intelligence (BEI)
- Improve Identity Superiority Capability



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How do we bridge the gap?



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# Military Cooperation

- United States
- United Kingdom
- Australia
- NATO
- Other Military or Coalition Partners



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# 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



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## 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



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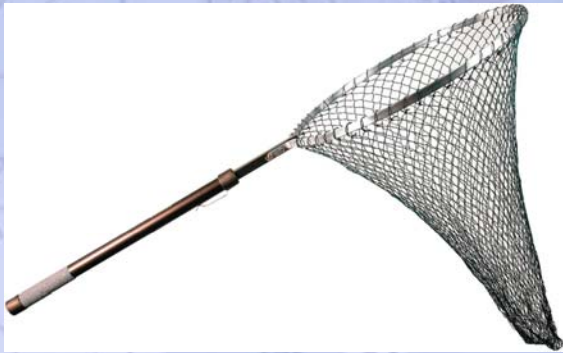


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How do we move forward??



International Cooperation



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# Questions??

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