Special Operations Identity Dominance (SOID)

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THE CHANGING RELATIONSHIP BETWEEN INTELLIGENCE AND OPERATIONS

**FIND** | **FINISH**
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**Conventional Warfare**
- Minimal level of effort to find enemy
  - *ISR focus: determine enemy status, intent*
- Large, sustained effort to defeat
  - *ISR focus: improve kill mechanism effectiveness & efficiency*

**Irregular Warfare**
- Large level of effort to find enemy
  - *Where’s Waldo…?*
- Small, focused effort to defeat
  - *One round, one kill….*
CAPABILITY REQUIREMENTS

- **Detect, identify, and locate** individual and groups of terrorists, terrorist facilities, equipment, weapons, financial and information resources, without reciprocal detection.

- **Monitor and track** individual and groups of terrorists, terrorist facilities, equipment, weapons, financial and information resources, without reciprocal detection, from initial contact through a desired end state, including destruction, capture, or exploitation.

- **Monitor and exploit** terrorist communications and surveillance methods and equipment, without reciprocal detection.

- **Link coalition and interagency** leaders, collectors, analysts, planners, and execution elements within a collaborative environment.
GLOBAL SENSOR NETWORK

- Remote & manned ground sensors
- Aerial sensors
- Tagging & tracking
- Sensitive Site Exploitation/Special Operations Identity Dominance (biometrics)

DCGS-SOF Cooperative links with DoD/national centers

Global Sensor Network

Processing Exploitation Dissemination

Planning

Net Connectivity

C2
SOF IDENTITY DOMINANCE
OVERVIEW

**Task**
- Provide rapid (15 min.) ID on objective along with hold/release decision data
- Task required:
  - Fielding Collection kits
  - Providing “so-what” with match reports
  - Building architecture
  - Training Program

**Next Steps**
- Establish SOID program
  - New start program in FY 08
  - PM to select best of commercially available devices
  - 500+ kits expected to be fielded in FY08
- Expand SOID into SSE Program
  - CPD in staffing; adds SSE requirements

**IOC: 1 Sep 06**
- Fielded < 30 kits with trained Army/Navy SOF supporting OIF/OEF
- Successful; architecture met SOF requirements
- COTS purchases of kits via REF/UFR/CMNS

**Current Ops: (31 Jan 08)**
- ~500 collection kits fielded
- ~16K BM signatures collected
- BM Analysis & Coordination Cell formed 21 Sep 07
  - Conduct 120 day Proof of Concept with 3 dedicated analysts working 8/7 to discover/leverage the power of biometrics in support of GWOT
+16K files w/ +3,600 matches (22%) and +100 HVIs detained since 1 Sep 06.

Spikes in Nov due to vetting of foreign security force students.

Rotation of forces reflects lower activity for OCT 07.

BACC Proof of Concept; fully operational 7 days a week 0700-1700 as of 20 OCT.

Spikes in May and Aug due to vetting of Afghan Commandos prior to training.

▲ = Number of Match Reports
SOF BIOMETRIC CAPABILITY

National Level
Biometric Data

FBI IAFIS
National Biometric Data Archiving and Storage

Watch list

NGIC
Strategic/National Level Data Analysis

Biometric Results

Operational (Theater) Level

Designed to meet SOF requirement for a biometrics match report w/ detain/release data within 15 min.

National Biometric Data Archiving and Storage

DOD Biometric Data Archiving and Storage

BFC ABIS

Signature Files Submitted via portal

Biometric Results via portal

Biometric Data

Collector

SOID ID Kit

Tactical Level

SIPR

Radio

Reply

SOF BIOMETRIC CAPABILITY

SOID Enroll Kit

FOB

JIOC

CJSOTF

THEATER

JIOC
WAY AHEAD

- Institutionalize to support current operations
  - Biometric Analysis Coordination Cell to provide interface with deployed SOF, provide input to SOF targeting process and to work leads with DoD and partners
  - Expand the SOID Program to include other SSE Capabilities
    - “Combat forensics” of latent biometric signatures, documentation, electronic equipment & media

- Continue work w/ DoD Biometrics Community of Interest to improve the enterprise and associated business functions
  - Global ability to query the DoD Biometrics authoritative data source
  - Improve data sharing across DoD, interagency, law enforcement, international partners
    - Common standards and interfaces to allow automated query and matches
    - Compatible procedures to allow rapid analyst collaboration
  - Near-real-time intelligence data/analysis to operator
  - Develop standoff/remote multi-modal collection capabilities ISO tagging and tracking

- Integrate with other sensor modalities as part of Global Sensor Network architecture