Special Operations Forces Industry Conference

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Sensitive Site Exploitation (SSE)

Special Reconnaissance Surveillance and Exploitation
SOF Matches

Total Submissions: 174279
Total Minus Error Files: 163848
Matches: 65863
Match Rate: 40%

As of 29 March 2011

Note: Matches may be counted in more than one category.

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SOF Exploitation Architecture

**Strategic / International Level**
- FBI
- DHS
- INTERPOL
- SECRET SERVICE
- NMEC
- SANDIA LAB

**Operational Level**
- BIMA
- BEWL
- USSOCOM
- Identity Management Cell
- Exploitation Branch
- Threat Finance
- DIA Organizations
- Decentralized Matching, Storage and Analytical Activities

**Tactical Level**
- Forward Command
- Commo Station

* Accessible via organic communications and mobile device interface via Web App to NIPR, SIPR and BICES networks.

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Shifting Of The Operational Paradigm

- Unconventional Warfare
- Support to Homeland Defense and Inter Agency
  - U.S. Border Patrol
  - ICE
  - Local Law Enforcement
- Nation Building “By, With, and Through”
  - Sovereign Nation Engagements
  - Scanning Missions
  - Piracy Missions
- Support to Personnel Recovery Missions
- Force Protection
  - Directive 350-27 and USSOCOM Policy MEMO 10-14
  - Directive 525-40
  - Identity Protection
- Humanitarian Missions
  - Earthquake Relief
  - Refugee Camps
  - Medical Assistance Missions

What is the USG and DOD definition of Identity Operations?

What is the USG and DOD Vision for Identity Operations?

What DOD and USG guidance is available to drive and authorize full spectrum Identity Operations?

How will DOD and the USG sustain and fund full spectrum or classified Identity Operations?
Identity Management Cell
PED Enables “End to End” Synchronization

- Man-in-the-loop providing near real time inter-agency exploitation sensor synchronization
- Man-in-the-loop ensuring synchronization of LEVEL III intelligence support to SOF
- Coordinate to ensure tactical and strategic Persons of Interest (POI) are nominated to NCTC and BEWL for global dissemination across inter-agency and international partners
- Coordinate with inter-agencies to strategically track, tag and synchronize terrorist threats globally
- Produces NRT tactical and strategically relevant Biometrics Enabled Intelligence (BEI) to support SOF
- Conduct initial discovery “So What” on Biometric submissions
SOF Identity Management Vision

Exploitation, Protection and Integrated PED enables Identity Intelligence

Phase I
SOF EXPLOITATION
FN - VETTING
BLUE FORCE
IDENTITY PROTECT

Phase II
Identity Resolution
Identity Operations Synch
NRT Inter Agency Sensor Synch
DOD Watch Listing
Intel Oversight
Foreign Disclosure
Architecture Management
SSE Sensor PED
Personnel Recovery PED
Identity Resolution
Identity Correlation
FN Vetting PED
IA Data/Sensor Correlation
BM/ Forensics Data Fusion

Phase III
Identity Intelligence Analysis (I2A)
All Source (I2A) Production
BEI Production
DOD Watch Listing
Identity Protection Management
Personal Recovery Management

Phase III Responsibilities
All Source (I2A) Production
BEI Production
DOD Watch Listing
Identity Protection Management
Personal Recovery Management

Phase II Responsibilities
Identity Discovery
Identity Operations Synch
NRT Inter Agency Sensor Synch
DOD Watch Listing
Intel Oversight
Foreign Disclosure
Architecture Management
SSE Sensor PED
Personnel Recovery PED
Identity Resolution
Identity Correlation
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IA Data/Sensor Correlation
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Supporting Functional Requirements
Architecture Development
SSE Requirements
Identity Management Policy
Inter Agency Coordination
Identity Operations Synch
Develop Identity Capabilities

Output is Evaluated Sensor Data

Man-in-the-Loop Interface to Authoritative Databases

Processing
Exploitation
Dissemination

Virtual Identity Protection

Biometrics Data
Forensics Data
DOMEX Data

BF/PR
Identity Protect

All Source Cloud-SIDMS
SIGINT, MASINT, HUMINT, IMINT

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Joint Exploitation Training Center  
Fort Bragg NC Range 37  

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**COLLECTION, PID & TARGETING**  
**ANALYSIS & ATTRIBUTION**  
**INTEROPERABILITY & FUSION**  
**COLLABORATION & DISSEMINATION**

Tailored to Meet *Global* SOF Operational and Intelligence Requirements

Institutionalize, Train and *Evolve* the Complete SOF Exploitation Enterprise  
Attended by all USASOC, JSOC, MARSOC, NSWG
SOF Site Exploitation (SSE)

Kit Components

**Enrollment (EN) Kit**
- Crossmatch Guardian-R Fingerprint Scanner
- Crossmatch SEEK Fingerprint & Iris Imager

**Identification (ID) Kits**
- Crossmatch SEEK Fingerprint & Iris Imager
- 3G SIMIS SIM Reader
- XRY/XACT Cell Phone Extraction
- CELLEX Data and Information Extraction
- Bode DNA Swab
- Lynn Peavey Latent Print Kit
- BattleLite Forensic Lights
- Metal Tec 1400 Metal Detector
- Digital Intelligence FRED-L High-Level Computer Analysis

**DNA and Latent Print Collection**
- ADF G-2 Low-Level Computer Data Exploitation
- Field Forensics EL-1003 Explosives and Trace Element Detection

**Biometrics**

**Forensics Support Equipment**
## Biometrics Kit Allocations

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* BOI Reduced in Latest CPD
# Tactical Site Exploitation Kit Allocations

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Biometrics & Forensics
Development Opportunities

- **Biometric Capabilities**
  - Non-Optical Imaging Sensors for fingerprint capture and matching
  - Rapid DNA Matching
  - Stand-off/Remote Facial Recognition And Matching
  - Stand-off/Remote Iris capture
  - Dustless Latent print collection
  - Deception Detection

- **Forensic Capabilities**
  - Hidden Chamber and Hidden Material Detection
  - NRT Document/Cellular Phone Translation / Gisting
  - Removal of GSR Positives from explosives detection
  - Improved Presumptive Tactical Explosives / Nitrates / Narcotics Kits
  - Cellular PIN Code Bypass or Cracking Technology
  - Improved Cellular Exploitation Middleware
  - Improved Format Exports for Presumptive Chemical Analysis, i.e. AHURA / HAZMAT ID