



# SPECIAL OPERATIONS FORCES ACQUISITION, TECHNOLOGY, & LOGISTICS **EXPANDING THE COMPETITIVE SPACE**

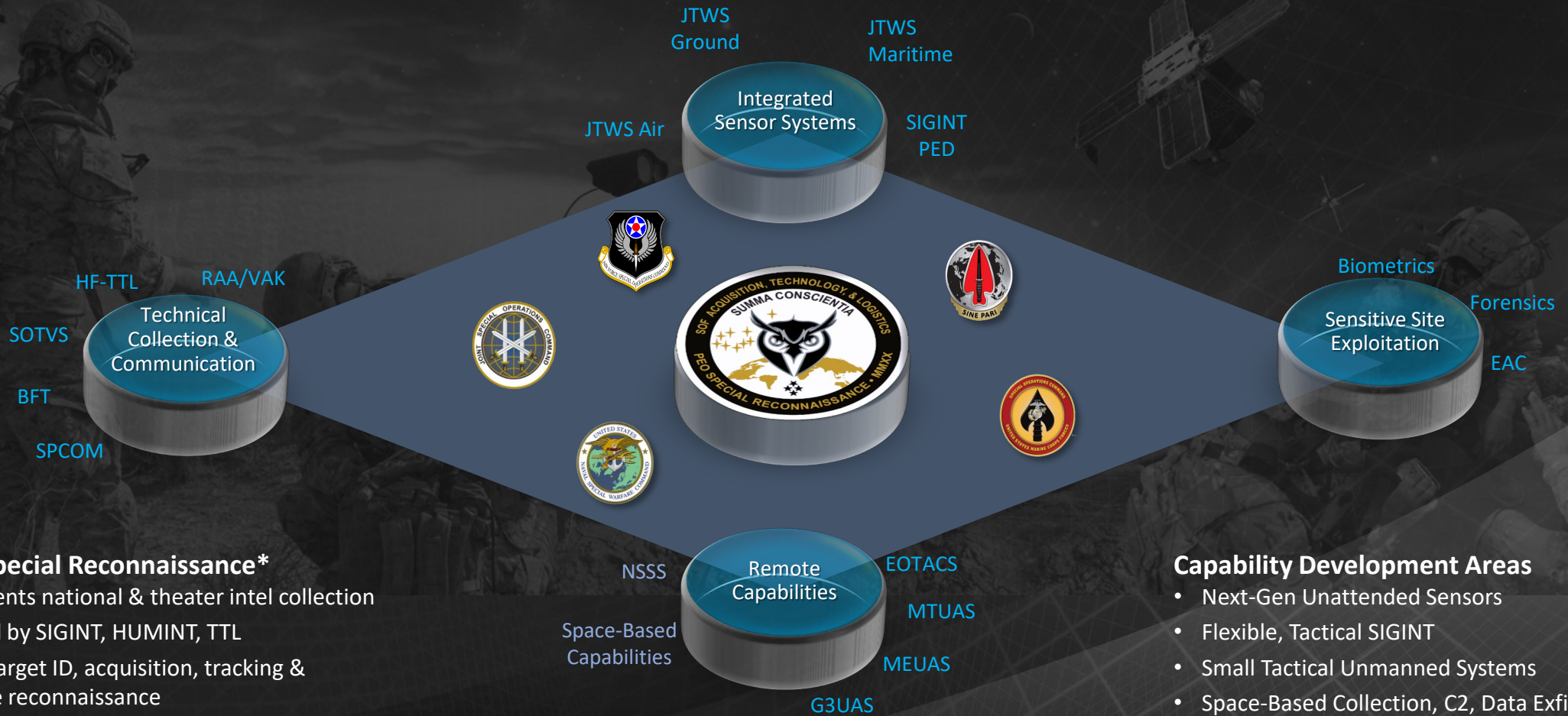
## PM - SENSITIVE SITE EXPLOITATION (SSE)





# PEO-SPECIAL RECONNAISSANCE MISSION

Lead the rapid and focused acquisition of state-of-the-art sensors and associated C2, emplacement, recovery, and specialized communication systems across all domains to enable total situational awareness for the SOF Warfighter



### Pillars of Special Reconnaissance\*

- Complements national & theater intel collection
- Supported by SIGINT, HUMINT, TTL
- Used for target ID, acquisition, tracking & post-strike reconnaissance
- Uses unmanned collection capabilities to provide persistent, high-fidelity intelligence

\* Per Joint Pub 3-05

### Capability Development Areas

- Next-Gen Unattended Sensors
- Flexible, Tactical SIGINT
- Small Tactical Unmanned Systems
- Space-Based Collection, C2, Data Exfiltration
- Standoff Biometrics & Forensics
- Collaborative Special Reconnaissance



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SOCKOR



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# PM SENSITIVE SITE EXPLOITATION (SSE)

The SSE Program provides capability to exploit personnel and collected exploitable material on a sensitive site/objective. SSE equipment collects unique biometric signatures to include latent fingerprints and DNA and forensically links events to specific persons through forensic chemistry analysis, document and media exploitation, and cell phone exploitation



## Sensitive site Exploitation Enabling SR Portfolio

- Collect/verify information of strategic/operational significance
- Complements national & theater intel collection
- Used for target ID, acquisition, tracking & pre/post-strike recon
- Provide information to develop a CDR's situational awareness

## Capability Development Areas

- Forensic Evidence Detection
- Dustless Latent Fingerprint Collection
- Biological/Chemical Identification and Detection
- Identify Explosive/Chemical Materiel Sources
- Cellular, Document and Media Exploitation Tools
- Facial and Iris Tactical Media Triage and Processing



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## Forensics

## Forensic Exploitation

**Capability Description**

Forensic exploitation is a scalable, modular, and adaptable multi-disciplined forensic science capability that supports the F3EAD cycle (Find, Fix, Finish, Exploit, Analyze and Disseminate) through the recovery, identification, and analysis of captured enemy material; and inform tactical or strategic objectives in support of identity operations

**Operational Relevance**

- Detect, identify, link and locate individuals/locations/items of strategic or operational significance
- Provides advanced digital and multimedia forensic hardware and software to support SOF elements in remote locations
- Provides analytical and clinical chemistry to include trace evidence analysis



## Biometrics

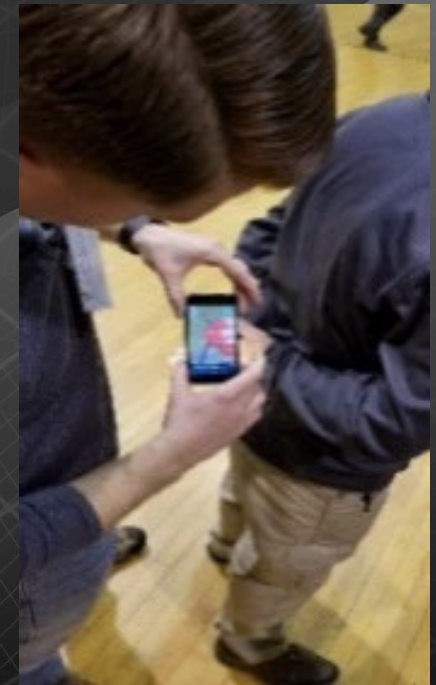
## Biometrics

### Capability Description

Biometrics enables the collection and transmission of unique and measurable biometric signatures from personnel to include live/latent fingerprints, iris patterns, DNA, and facial features. Biometric signatures are used to verify against or enroll into the DoD authoritative databases and can support hold or release decisions

### Operational Relevance

- Detect, identify and locate individuals
- Monitor and track individuals from initial contact through a desired end state
- Establishes direct link through SOF web-based exploitation architecture to organize, correlate and conduct identity operations



EACs

# Exploitation Analysis Center

## Capability Description

Exploitation Analysis Capability (EAC) is a modular and scalable SOF unique forensic laboratory environment for more in-depth exploitation of captured exploitable material

## Operational Relevance

- Scalable from as small as a “fly away” pelican case to a large laboratory that includes hard stand shelters
- Links leaders, collectors, analysts, planners, and execution elements within a collaborative environment



# INITIATIVES AND COLLABORATIVE OPPORTUNITIES

## Technology Insertion

### Near-term (1-2 Years)

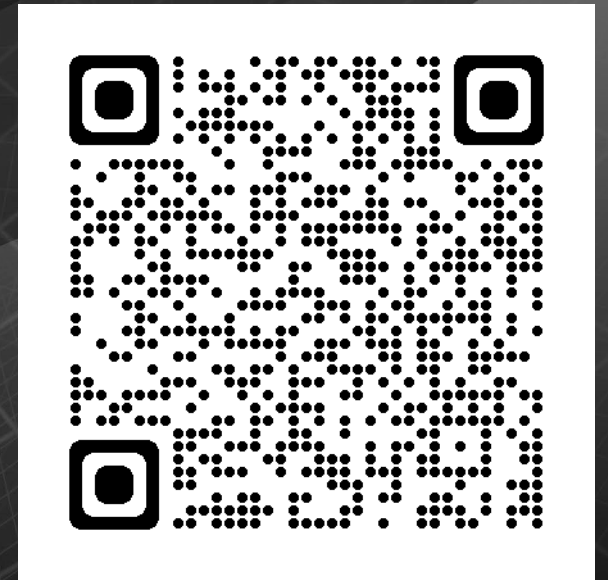
- Latest Biometric Technologies
- Evaluate Touchless Technologies and sub-components
- Advanced Data Collection/Cellular, Document and Media Exploitation Tools

### Mid-term (3-5 Years)

- Enhanced Mobile Device Integration for Stand-off Biometrics Collection
- Expedient Encryption Defeat for DOMEX
- Facial and Iris Tactical Media Triage and Processing
- Biological/Chemical Identification and Detection

### Long-term (6 years and beyond)

- Autonomous drone capture of Biometric signatures
- Identify Explosive/Chemical Materiel Sources



# DOING BUSINESS

## eSOF

- Submit to [socom.mil/SOF-ATL/Pages/eSPF-main.aspx](https://socom.mil/SOF-ATL/Pages/eSPF-main.aspx)

## SOFWERX

- [www.SOFWERX.org](http://www.SOFWERX.org)
- [www.socom.mil/SOF-ATL/Pages/Doing-Business-With-USSOCOM.aspx](https://www.socom.mil/SOF-ATL/Pages/Doing-Business-With-USSOCOM.aspx)

## PM-SSE Industry Days

- RFI available at SAM.gov
  - Department/Ind.Agency: 097-DEPT OF DEFENSE (DOD)
  - Subtier: 97ZS-U.S. SPECIAL OPERATIONS COMMAND (USSOCOM)
- Submit to [engagesof.com/submit](https://engagesof.com/submit)

## Vulcan

- [vulcan-sof.com](https://vulcan-sof.com)
- SOCOM S&T quarterly TE events
- Trident Spectre annual event, submit in October

## SBIR

- [dodsbirsttr.mil](https://dodsbirsttr.mil)
- SBIR 21.3 S&T Micro-Raman Technology

## S&T BAA

- Submit to [socom.mil/SOF-ATL/Pages/baa.aspx](https://socom.mil/SOF-ATL/Pages/baa.aspx)

