



THANK YOU



The National Defense Strategy: Why We're Here

Generate U.S. Advantage & Adversaries Dilemmas



Build a More Lethal Force



Military Advantage

Next Generation ISR

Find, Fix, Finish, Exploit, and Analyze...

Faster & improved accuracy

All domains—Air, Space, Maritime, Ground, & Cyber

Access to non-permissive environments

*PEO Fixed Wing
PEO Special Reconnaissance,
Surveillance, and Exploitation*

Next Generation Mobility

Increased survivability
Increased speed and range
Alternate Precision,
Navigation, & Timing



*PEO Fixed Wing
PEO Maritime
PEO Rotary Wing
PEO SOF Warrior
Science and Technology*

Precision Fires & Effects

Multi-launch platform
(Air, Maritime, Land—
vehicles and man portable)

Loitering munitions

Increased ranges

Precision strike

Low Collateral/Call off target

Counter Improvised Explosive Device
Counter Unmanned Aerial System

*PEO SOF Warrior
PEO Maritime
Science and Technology*

Data & Networks

Computing at the Edge
Connectivity anywhere with anyone
Embedded multimodal data discovery
Machine-assisted decision making
Automatically discover, know,
anticipate, collaborate

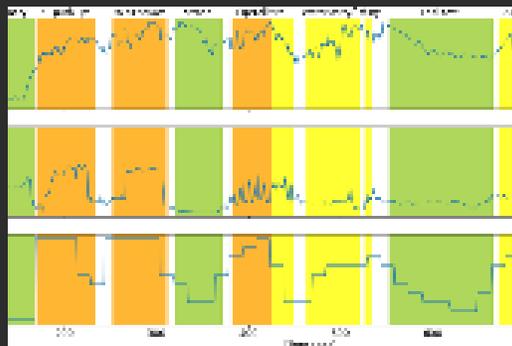
*PEO Command, Control,
Communications, & Computers
Science and Technology*

Biotechnology

Human systems integration
Enhanced performance, rest, and recovery
Wearable physiologic monitoring systems
Austere life-saving equipment
Improved cognition and decision making

*PEO SOF Warrior
Science and Technology*

Integrated TALOS Prototype



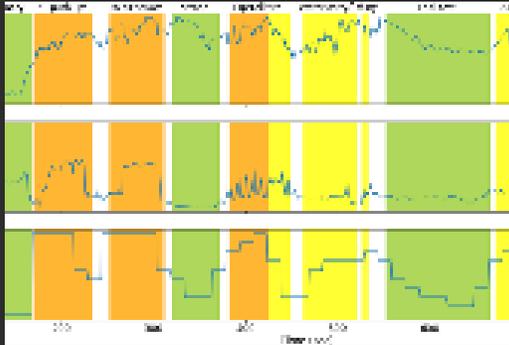
**OPERATIONAL
STRESS INDEX**



**BIOMEDICAL
MONITORING
SHIRT**



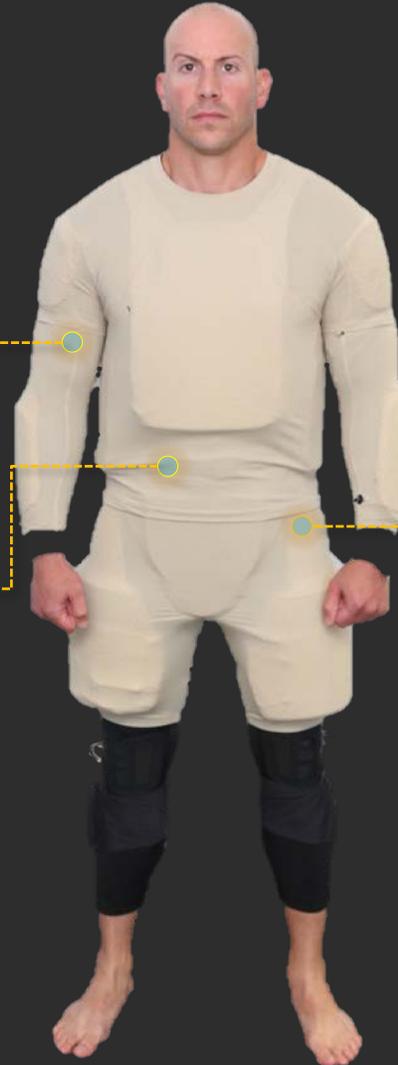
Integrated TALOS Prototype



**OPERATIONAL
STRESS INDEX**



**BIOMEDICAL
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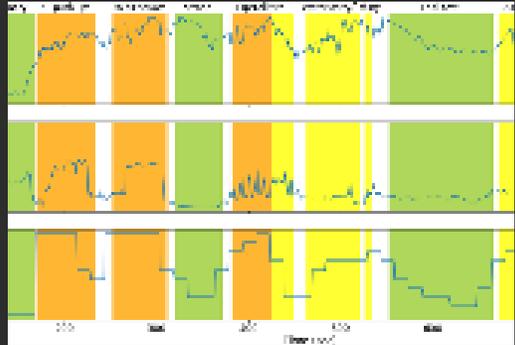


**LIGHTWEIGHT
POLYETHYLENE
ARMOR**



*Science and Technology
Joint Acquisition Task Force*

Integrated TALOS Prototype

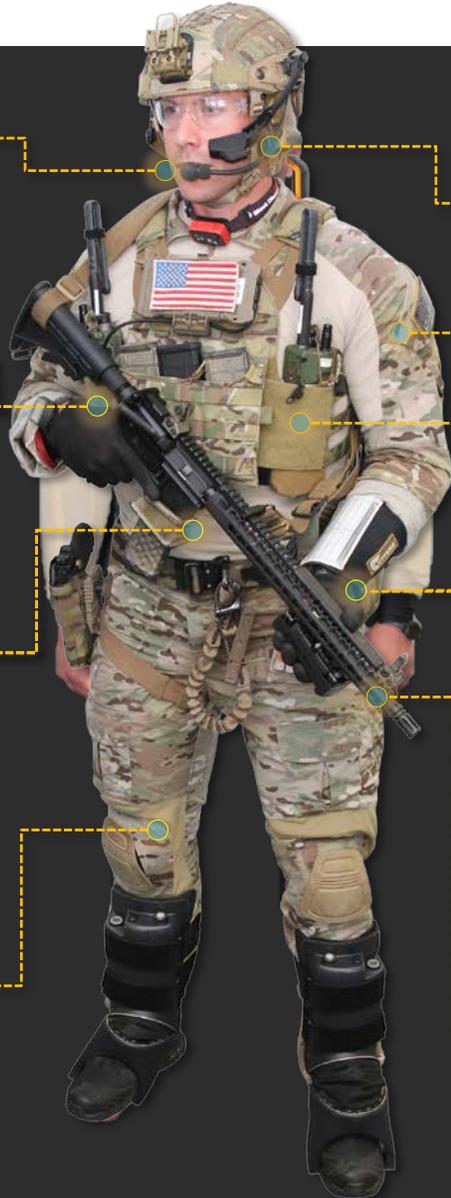


**METABOLIC COST
REDUCTION SYSTEM
(PNEUMATIC KNEES
AND ANKLES)**

**BIOMEDICAL
MONITORING
SHIRT**

**OPERATIONAL
STRESS INDEX**

3D AUDIO



**LOOKDOWN
DISPLAYS**

**SHOT DETECTION
GARMENT**

**BALLISTIC
BATTERY
PLATE**

**LIGHTWEIGHT
POLYETHYLENE
ARMOR**

**SMALL ARMS
STABILIZATION**



*Science and Technology
Joint Acquisition Task Force*

Physical Domain



Cognitive Domain... *at the Edge*

Hyper-Enabled Operator



Science and Technology
Joint Acquisition Task Force

Ready Equipment

- SOF Support Activity
- Global Logistics Support Services (GLSS)
- 35% Set Aside for Small Business
- Manufacturing
- Warehousing
- Rapid Prototyping
- Expeditionary Logistics
- Resilient and agile
- On time
- Access to remote and austere
- Right-sized

Director of Logistics
PEO SOF
Support Activity

Ready Force



Preservation of the Force & Family (POTFF)
Joint Special Operations University (JSOU)
Care Coalition
**Language, Regional Expertise and
Cultural (LREC) Training Services**
Knowledge Services
Research and Development
**Medical
Facilities**

Reform the Department



Greater Performance and Affordability

Agile Acquisitions



Middle Tier Acquisitions

Rapid Prototyping programs

Precision Strike System - Ground & Maritime

Mid-Range Gas Gun

Lightweight Machine Gun - Medium

Personal Defense Weapon System

Counter Small Unmanned Aerial Systems

Technical Surveillance Equipment Kit

Combat Diving – Navigation, Propulsion, & Communications

Rapid Fielding programs

Combat Diving –Environmental Protection

- April 2018—OSD issued MTA interim guidance
- August 2019—MTAs to be the default for majority of USSOCOM acquisition efforts
- 10 MTAs year to date
- USSOCOM programs are 25% of DoD MTAs

Our Relationship in the Information Era



REQUIREMENTS

We've asked you for **PLATFORMS** that carry computers, sensors and comms. We'll start asking for **C4ISR** that is carried on platforms – *the emphasis matters.*

DATA

You'll see an increased emphasis on data. What data is generated? Who owns it? How accessible is it? (Hint: A lot. I need to. Very...to me)

CYBER SECURITY

We'll be interested in not only how you are protecting our information but also the pedigree of your subs and suppliers.

WHAT'S NEXT

How do we start building AI/ML into our systems now?



Competitive & Collaborative

**180 TILO submissions
and 13 TILO briefings
2 Industry Days**



**Competed 69.2¢ of every \$1
Awarded 22% to Small Business
Awarded 8% to Small Disadvantaged
Awarded 7% to Women-owned
Awarded 8% to Service Disabled
Awarded 2% to HUBZone firms
Exceeding ALL Small Business goals**

SOFWERX

A partnered network and platform to help solve SOCOM challenges

195 agreements supporting SOF innovation

10 transitions to Programs of Record

34 current projects with more on the way

“Continuously delivering performance with affordability and speed...”
2018 National Defense Strategy

Transparent



[@SOAExec](http://www.socom.mil/SOF-ATL)



[Linkedin.com/in/ussocom-ae](https://www.linkedin.com/in/ussocom-ae)

SMALL BUSINESS HELP

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SUBMITTING PRODUCTS OR IDEAS

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813.826.9482

VULCAN

<https://www.Vulcan-SOF.com>

SOFWERX

<https://www.sofwerx.org>

EXPERIMENTATION IDEAS

<https://www.socom.mil/SOF-ATL/Pages/technical-experimentation.aspx>

Science & Technology Directorate Virtual Symposium

Register to Attend

USSSOCOM's Science and Technology (SAT) Directorate is offering virtual symposium presentations as a way to communicate SAT. The presentations will be available starting 16 April 2018 and will feature an introduction by USSSOCOM's Director, Science and Technology. Members of the SAT Directorate staff will present information about the Future Operating Environment and FY18 SOF Challenge.

Business Opportunity Team

- Small Business
- Large Business
- TILO
- Technical Experimentation
- SOFWERX

email: OSBP@socom.mil

Quick Links

- [Get to Know Us](#)
- [Events Calendar](#)

[SUBMIT YOUR IDEA](#)

[EXPERIMENT WITH US](#)

[VIRTUAL SYMPOSIUM](#)

LINKS

- SOFWERX Calendar
- FED BIZ OPS
- Office of Small Business
- USA Jobs
- Special Operations Forces Industry Conference (SOFIC)
- Business Opportunities Office
- SOFWERX Capability Areas of Interest
- Hard Problems
- Acquisition Forecast
- VULCAN

Tweets by @SOAExec

Mr. James H. Smith @SOAExec

The Battle of Mogadishu occurred 25 years ago, Oct 3-4 '93. USSOCOM remembered those that fought and died with an early-morning ceremony led by our own SGM Holman, a veteran of that battle. SOF AT&L participated in the military training that followed to commemorate their bravery.

Oct 10, 2018

Jim Smith - 1st

Official LinkedIn account for the Acquisition Executive at Special Operations Forces Acquisition, Technology & Logistics
Tampa, Florida

USSSOCOM
Stanford University

See contact info
See connections (500+)

As the Acquisition Executive (AE) of USSOCOM my mission is to provide rapid and focused acquisition, technology, and logistics support to Special Operations Forces. SOF AT&L is interested in doing business and building relationships with industry and partners that can help achieve our priorities. I am concentrating on four areas: 1. Recruiting, training and retaining an elite team. 2. Providing Special Operations equipment and services informed by Operators and focused on Command requirement...

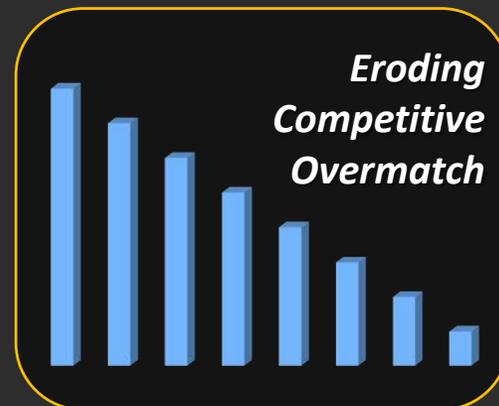
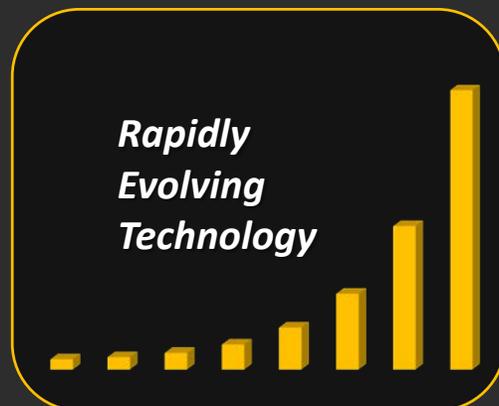
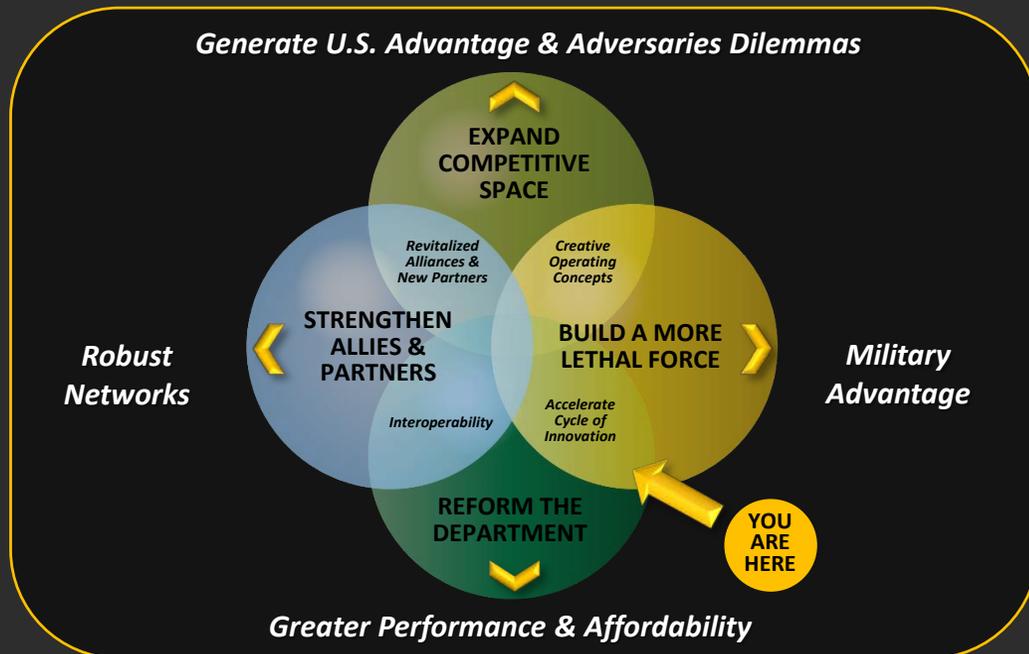
Tweets 20
Following 41
Followers 163

Follow

Smith

nt for the Acquisition Executive at Special Operations Forces
& Logistics, RTs, mentions & follows ≠ endorsement.

We're Authorized to Speed...Are You?



What Congress and DoD authorized

Middle Tier Acquisition (MTA)
 Other Transaction Agreements (OTA)
 Cooperative Research & Development Agreements (CRADA)
 Empowered/Decentralized Decision Authority

What can Industry do?

Contract response timelines?
 Pricing timelines?
 Levels of oversight?

Navigating the Week

» TUESDAY

Component Commander Panel
1200-1300 Ballrooms A-C

Program Executive Officers
1330-1700 Breakout Rooms

JATF Overview
1430-1630 Room 17

Disrupter Event: Next Gen ISR
(Government Only)
0800-1600 Room 39

» WEDNESDAY

Keynote Speakers
PDASD(AE): Ms. Cummings
0900-1000 Ballrooms A-C

ASD(SO/LIC): Mr. West
1200-1300 Ballrooms A-C

Program Executive Officers
1330-1630 Breakout Rooms

Science & Technology
Exploring the Future
1430-1630 Ballrooms D

Disrupter Event: HEO
(Government Only)
1100-1600 Room 39

» THURSDAY

Keynote Speaker
USSOCOM CDO: Mr. Spirk
1000-1100 Ballrooms A-C

SOF AT&L Awards Ceremony
1300-1400 Ballrooms B-C



THANK YOU

