THANK YOU
The National Defense Strategy: Why We’re Here

Generate U.S. Advantage & Adversaries Dilemmas

- EXPAND COMPETITIVE SPACE
  - Creative Operating Concepts
  - Accelerate Cycle of Innovation

- BUILD A MORE LETHAL FORCE
  - Military Advantage
  - Robust Networks

- STRENGTHEN ALLIES & PARTNERS
  - Interoperability
  - Revitalized Alliances & New Partners

- REFORM THE DEPARTMENT

Greater Performance & Affordability

YOU ARE HERE

The National Defense Strategy: Why We’re Here
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
Next Generation Mobility

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

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

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

OPERATIONAL STRESS INDEX

BIOMEDICAL MONITORING SHIRT
Integrated TALOS Prototype

OPERATIONAL STRESS INDEX

BIOMEDICAL MONITORING SHIRT

LIGHTWEIGHT POLYETHYLENE ARMOR

Science and Technology Joint Acquisition Task Force
Integrated TALOS Prototype

- 3D AUDIO
- LOOKDOWN DISPLAYS
- BALLISTIC BATTERY PLATE
- LIGHTWEIGHT POLYETHYLENE ARMOR
- SMALL ARMS STABILIZATION
- BIOMETRIC MONITORING SHIRT
- OPERATIONAL STRESS INDEX
- SHOT DETECTION GARMENT
- METABOLIC COST REDUCTION SYSTEM (PNEUMATIC KNEES AND ANKLES)

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
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

Tech Focus Areas

Pitch Decks
White Papers

Announce

SOFWERX announcement
FedBiz Ops announcement

Initial Down Select

Notifications

Collider Event, 9-11 April
Disrupter Event, 20-23 May (now)

One-on-One Engagements

Final Down Select

Negotiations

Acquisition Pathway

Other Transactional Agreements
3 OTA awards in FY18
Anticipate 20+ OTA awards in FY19

500+ Submissions
75+ Pitches
Requests for prototype proposals in works

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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
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