

# SOF AT&L

Special Operations Forces  
Acquisition, Technology, & Logistics

Mr. James "Hondo" Geurts

*Acquisition Executive*





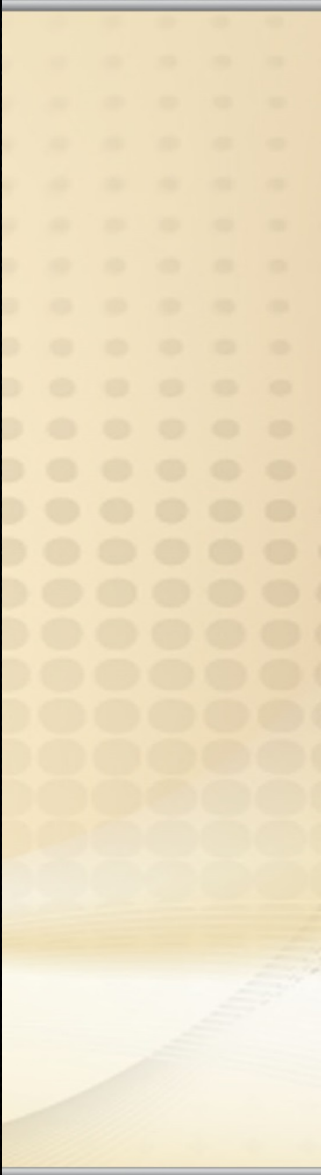
**THANK YOU**

# EXPONENTIAL ENVIRONMENT



Locations	Missions	Partners	C2 Demands	Marketplace
More countries, more diverse operating locations, challenging logistics and communications infrastructure	Dynamic, rapidly changing, encompassing the full range of direct, indirect, training, and preparing	Varying degrees of integrations and reach. Interacting in ops, cooperative development and foreign comparative test	Requires seamless, integrated, and effective C2 at the global scale with high confidence	Global and commercially driven. Heavy use of COTS/GOTs increases complexity

# We are Living in the Age of Surprise



**“If the rate of change on the outside exceeds the rate of change on the inside, the end is near.”**

*Jack Welch*

# SOF Priorities

## Ensure SOF Readiness

"The right people, skills, and capabilities...now and in the future"

## Help Our Nation Win

"Addressing today's challenges and keeping the Nation safe"

## Continue to Build Relationships

"Global understanding and awareness that creates options"

## Prepare for the Future

"SOF ready to win in an increasing complex world"

## Preserve Our Force and Families

"Short and long-term well-being of our SOF Warriors and their families"

**SOF  
Vision**

Provide Strategic Options  
Through a Global Network

# SOF AT&L



## MISSION

Provide rapid and focused acquisition, technology, and logistics to Special Operations Forces



## VISION

Be the recognized expert and trusted provider to equip and sustain Special Operations Forces



## PRINCIPLES

Deliver capability to user expeditiously; exploit proven techniques and methods; keep Warfighters involved throughout process; take risk and manage it!

# SOF AT&L ORGANIZATION





# PROVIDING CRITICAL CAPABILITIES TO THE SOF TEAM



**ACQUISITION**



**TECHNOLOGY**



**LOGISTICS**

# FY14 ACQUISITION

## SOF AT&L TEAM

~600 personnel

## INNOVATION

- Low cost/expendable satellites
- Medical technology & improved tactical combat casualty care
- Target engagement systems
  - Advanced armor/materials
- Low Visibility/LPI C4 systems
  - Manned/unmanned ISR
  - SOF-unique night vision
    - Tactical Assault Light Operator Suit

## ANNUAL SCOPE

500+ programs/projects  
 Oversaw \$7.9B  
 Awarded \$3.0B  
 11,480 contract actions (inc 4,454 actions for services for \$1.56B)

<b>85M</b>	Rounds of ammunition
<b>31,679</b>	Weapons, accessories, lasers, & visual augmentation systems
<b>37,804</b>	Operator survival/equipment items
<b>4,527</b>	Radios, SATCOM terminals, & ancillary equipment
<b>7,442</b>	Information Technology automation devices & systems
<b>2,974</b>	Operator & Medic kits
<b>1003*</b>	Field Service Reps placed on contract * (provided to support USSOCOM via SOF CLSS)
<b>1,991</b>	ISR kits
<b>627</b>	Vehicles
<b>1,882</b>	TACLAN FoS equipment deliveries
<b>13</b>	SCAMPI node, SOCOM Strategic Entry Point, & media ports
<b>83</b>	CASEVAC kits
<b>132</b>	Rotary Wing aircraft & systems
<b>91</b>	Tactical MISO systems
<b>31</b>	Fixed Wing aircraft
<b>13</b>	Mobile Technology and Repair Centers operational
<b>9</b>	Maritime Surface Crafts

# PACING PROGRAMS



■ ACAT II  
 ■ ACAT III

# PROGRAM EXECUTIVE OFFICE MARITIME (M)

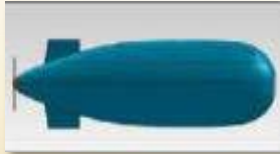
## UNDERSEA SYSTEMS



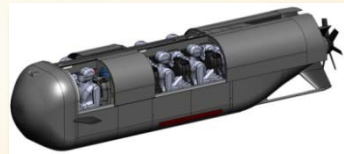
S301i



UOES 2



UOES 3



Shallow Water  
Combat Submersible



Dry Deck Shelter / Seal Delivery Vehicle

## SURFACE SYSTEMS



Combatant Craft Assault



Combatant Craft Heavy



Special Operations Craft - Riverine



Combatant Craft Medium Mark 1



Maritime  
Craft Air  
Delivery  
System



Security  
Force  
Assistance  
Large



Combatant  
Craft  
Forward  
Looking  
Infrared



Security  
Force  
Assistance  
Small

# PROGRAM EXECUTIVE OFFICE FIXED WING (FW)

## ISR



MQ-1 Predator

MQ-9 Reaper



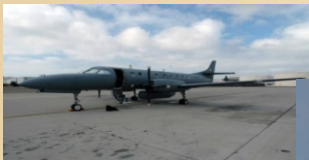
RQ-20A Puma

MEUAS 1.5 Scan Eagle



JAVAMAN MC-12

MC-12 Liberty



RC-26

U-28

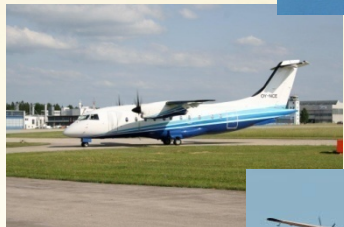


## MOBILITY



CV-22 Osprey

EC-130J Commando Solo



Dornier 328 C-146

M-28 C-154A



PC-12

MC-130P Shadow  
MC-130H Talon II



MC-130J Commando II

## STRIKE



AC-130U Spooky

AC-130H Spector



AC-130W Stinger II



AC-130J Ghost rider



SOPGM



**MUNITIONS AND EMERGING TECHNOLOGY TRAINING AND MISSION PLANNING**

# PEO ROTARY WING (RW)

## MOBILITY



A/MH-6 Light Attack/Assault



Medium Assault MH-60



Heavy Assault MH-47

## MISSION EQUIPMENT



Active Aircraft Survivability Equipment



Passive Aircraft Survivability Equipment



Avionics



Sensors

Silent Knight Radar

## TRAINING SYSTEMS



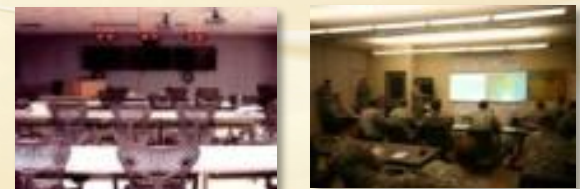
A/MH-6M Little Bird



MH-47G CMS



MH-60L/M CMS



Battle Staff Training Exercise Management Control

# PROGRAM EXECUTIVE OFFICE SOF WARRIOR (SW)

## MOBILITY "Individual to Heavy Ground Vehicles"



Light Tactical All Terrain Vehicles



Non-Standard Commercial Vehicles



GMV 1.1



Ground Mobility Vehicle (Medium)



MRAP-ATV (Heavy)

## SURVIVAL "Protection, Load Carriage & Medical"



Combat Uniform & Helmets



Integrated Comms



Body Armor / Load Carriage System



Individual & Combat Medic Kits



Casualty Evacuation

## LETHALITY "Munitions, Visual Augmentation, Lasers & Weapons"



Night Vision Goggles AN/PVS-31



MK 17 Combat Assault Rifles



Aviation Ammo



Multi-purpose Anti-armor Anti-personnel Weapon System



Demolition Kits



Handheld Laser Marker



Laser Acquisition Markers

Sniper Weapons & Accessories



# PROGRAM EXECUTIVE OFFICE COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS (C4)

## TACTICAL COMMS

**SOF Tactical Comms**



**Blue Force Tracking**



**Fly-Away Broadcast System**



**Joint Tactical C4 Transceiver System**



**Next Generation Loudspeaker System**



**Long Range Broadcast System**



**Mobile Communications Initiative**



## ENTERPRISE NETWORKS

**C4 and Intelligence Automation Systems / Special Operations Command Research, Analysis, and Threat Evaluation System**



**Media Production Center**



**Military Information Support Operations -Print**



**Civil Affairs Data Management Processing System**



**Military Information Support Operations -Enterprise**



## TRANSPORT

**SCAMPI (not an acronym)**



**SOF Deployable Nodes / Product Distribution System / Mobile SOF Strategic Entry Point**



**Tactical Local Area Network**



**Radio Integration System**





# PROGRAM EXECUTIVE OFFICE SPECIAL RECONNAISSANCE, SURVEILLANCE, and EXPLOITATION (SRSE)

## TECHNICAL COLLECTION SYSTEMS

Hostile Forces – Tagging, Tracking, & Locating



Special Operations Tactical Video System

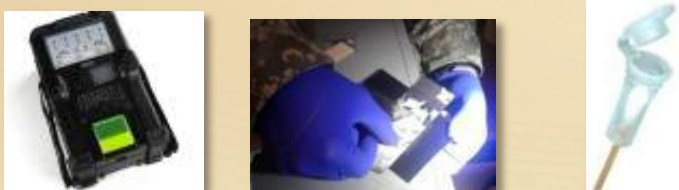


Joint Threat Warning System



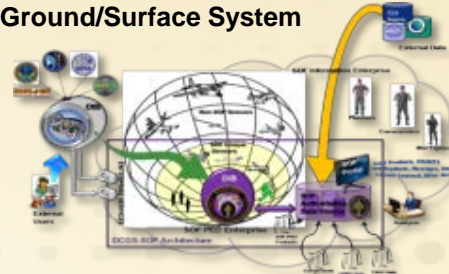
## IDENTITY OPERATIONS

Biometrics and Forensics



## INTEL SUPPORT SYSTEMS

Processing, Exploitation, & Dissemination: Distributed Common Ground/Surface System



FMV PED

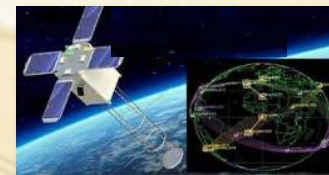


Integrated Survey Program



## FOCUSED RDT&E

Tagging, Tracking, and Locating



Specialized Communications

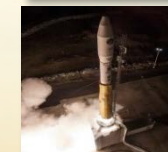


Special Reconnaissance

Tactical Exploitation of National Capabilities

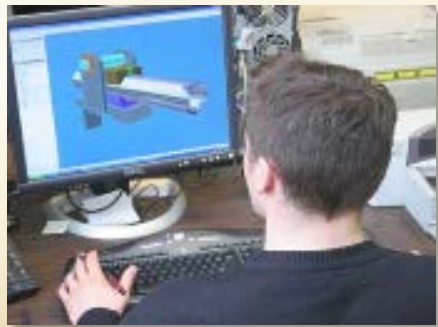


Quick Reaction Capabilities



# PROGRAM EXECUTIVE OFFICE SPECIAL OPERATIONS FORCES SUPPORT ACTIVITY (SOFSA)

## STREAMLINE DESIGN AND RAPID PROTOTYPING



## PRODUCTION AND INTEGRATION



## LIFE CYCLE SUSTAINMENT ACTIVITIES

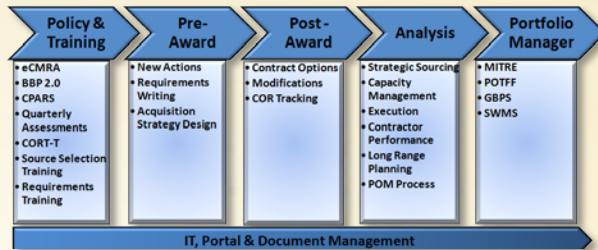


# PEO SERVICES

## VISIBILITY & OVERSIGHT OF SERVICES



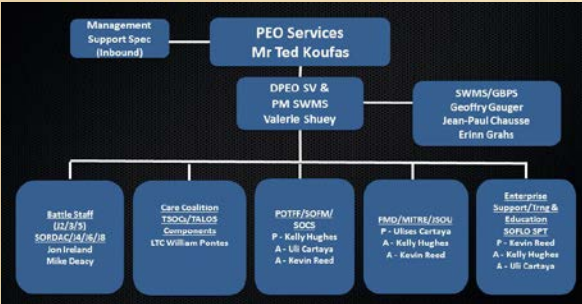
## SERVICES POLICY & PROCESS SUPPORT



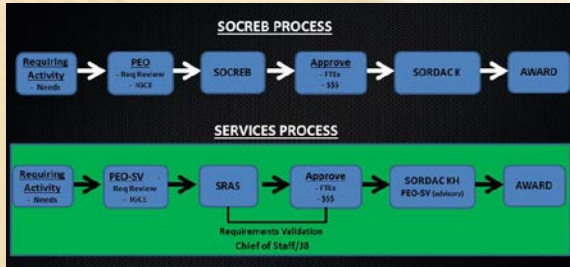
## SERVICES ACQUISITION ADVISOR



## PROGRAM MANAGEMENT OF SERVICES ACQUISITION



## REQUIREMENTS DOCUMENTATION SUPPORT



## CONTRACT ADMINISTRATION SUPPORT



# PROVIDING CRITICAL CAPABILITIES TO THE SOF TEAM



ACQUISITION

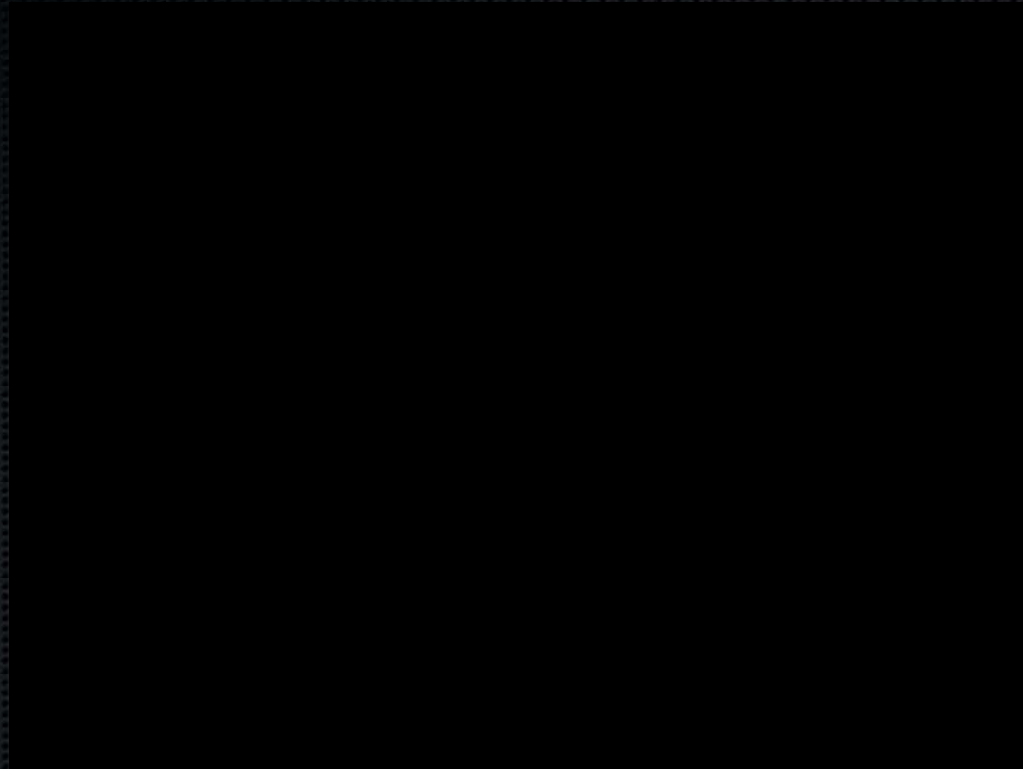


TECHNOLOGY

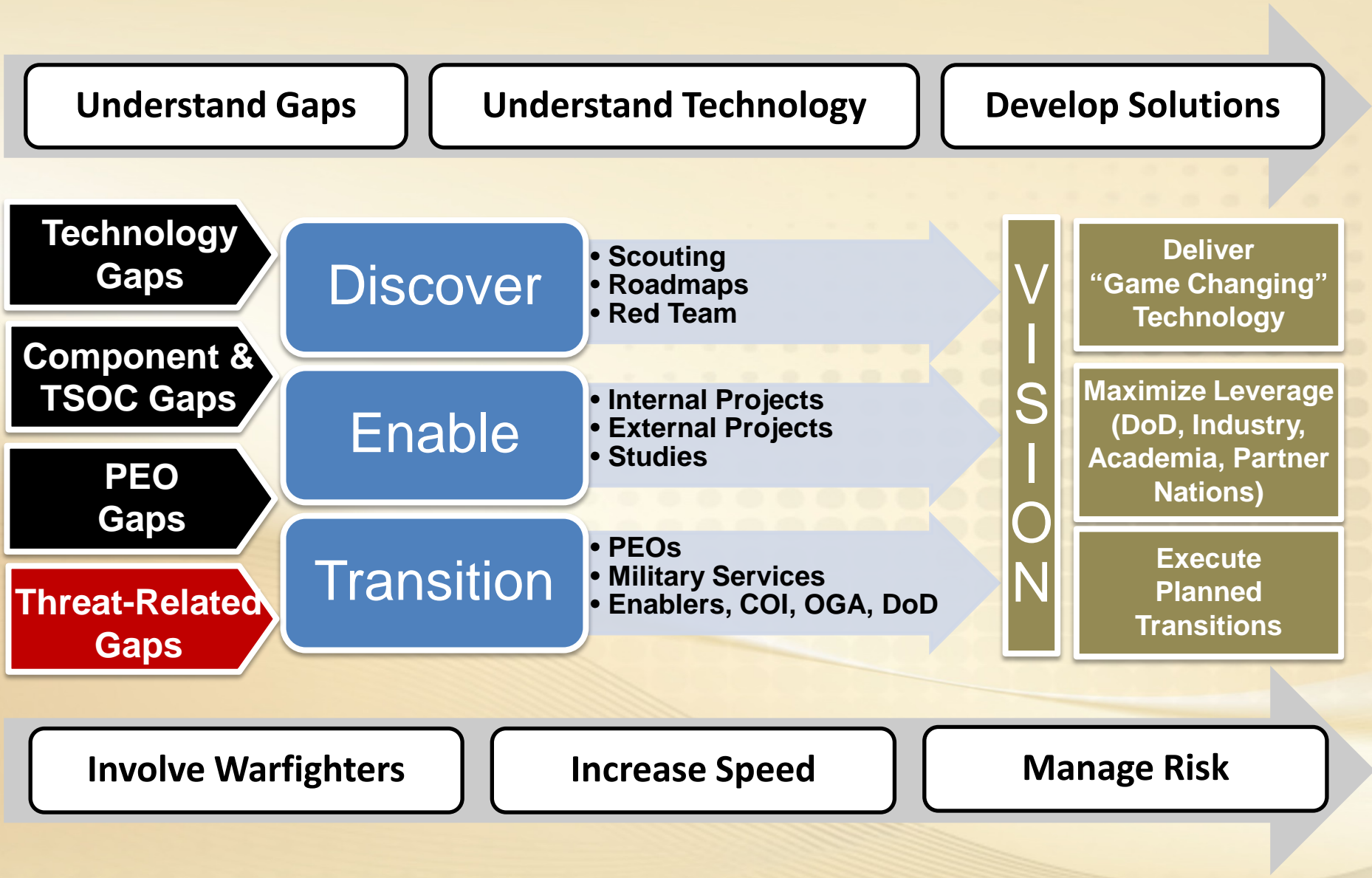


LOGISTICS

## Keeping up with Technology



# STRATEGY OVERVIEW



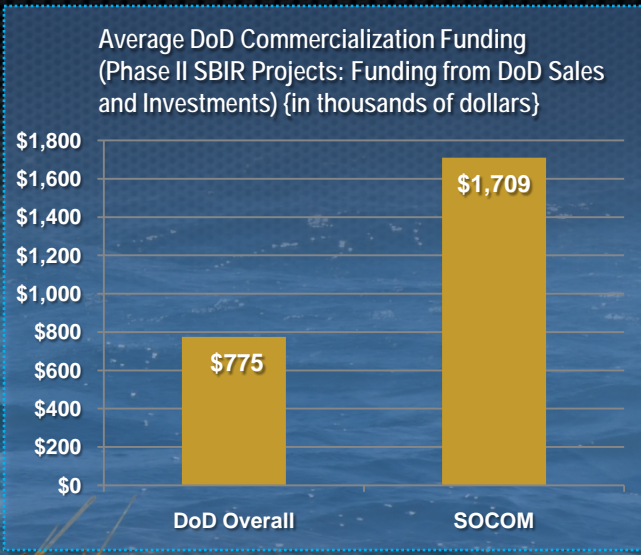
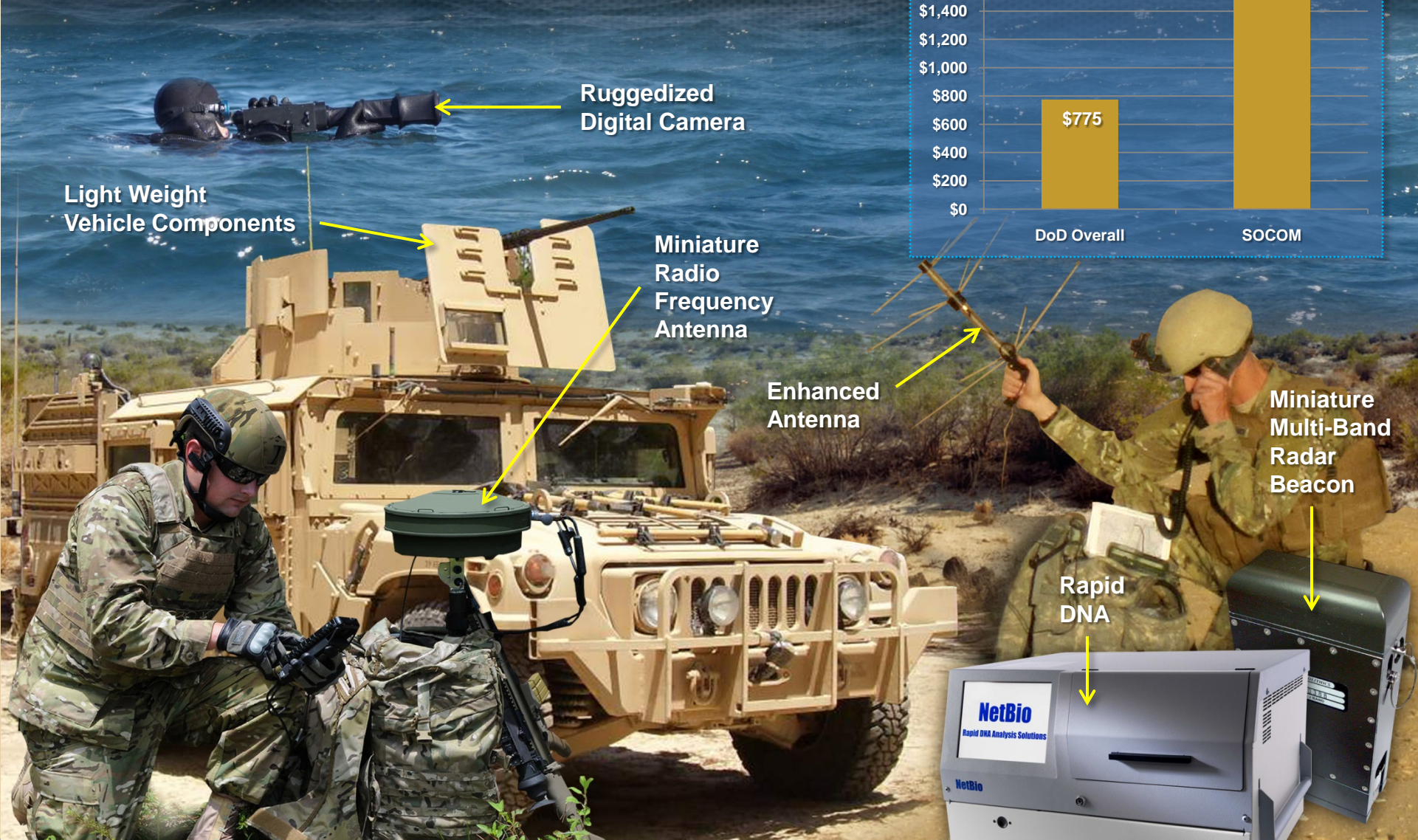
# SOF S&T NEEDS



- Comprehensive Signature Management (CSM)\*
- Human Performance\*
- First Pass Accuracy and Lethality
- Small Unit Dominance (SOFSUD)\*
- Intelligence, Surveillance, & Reconnaissance (ISR)
- Tagging, Tracking, & Locating (TTL)
- C4 Revolutionary Capabilities
- Electro-optics, IR, & Lasers
- Military Information Support Operations (MISO)
- Scalable Effects Weapons (SEW)
- Anti-Access/Area Denial (A2/AD)\*
- Battlespace Awareness\*
- Leap Ahead Energy & Power Systems
- Sensitive Site Exploitation (SSE)

*\* FY15-19 Science and Technology Integrated Priority List (STIPL)*

# SMALL BUSINESS INNOVATION RESEARCH



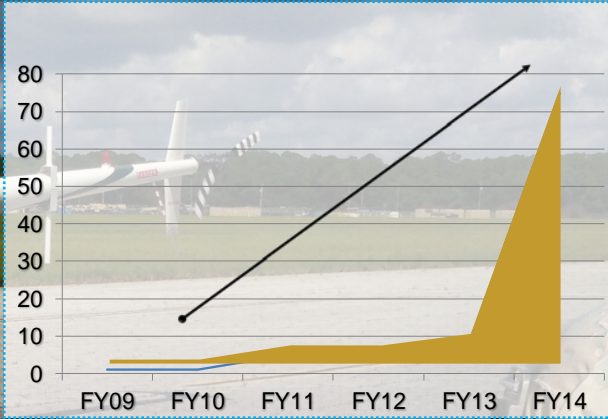


# COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS (CRADAs)



Air-Launched ISR Assets

Advanced Munitions



Provide Rapid Field Evaluation Units to SOF & Obtain Valuable Feedback

Identity Management

Positive ID Diagnostics

# PROVIDING CRITICAL CAPABILITIES TO THE SOF TEAM



**ACQUISITION**



**TECHNOLOGY**



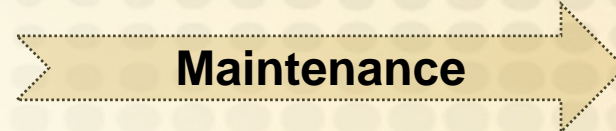
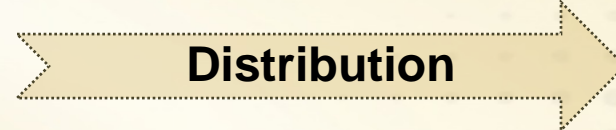
**LOGISTICS**

# SOF LOGISTICS OPERATIONAL ENVIRONMENT



Providing logistics support to low density SOF in emerging or enduring presence operations in remote, austere locations for joint distributed operations

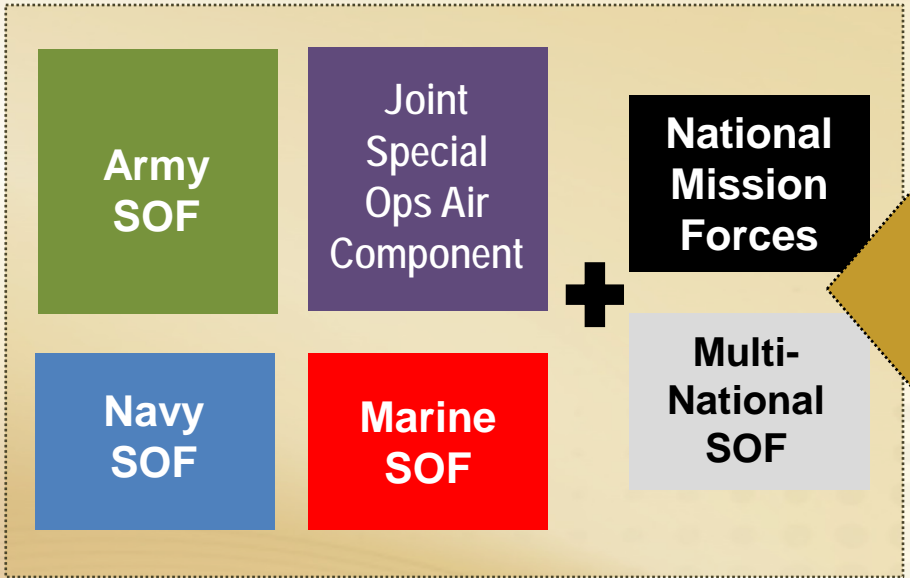
# FULL SPECTRUM LOGISTICS



# SUPPORT FOR JOINT SOF

5<sup>th</sup> SOF Truth: "Most Special Operations Require Non-SOF Support."

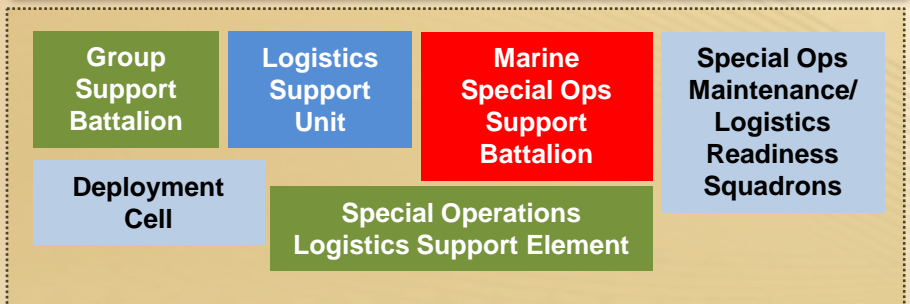
## NOTIONAL Special Ops JTF



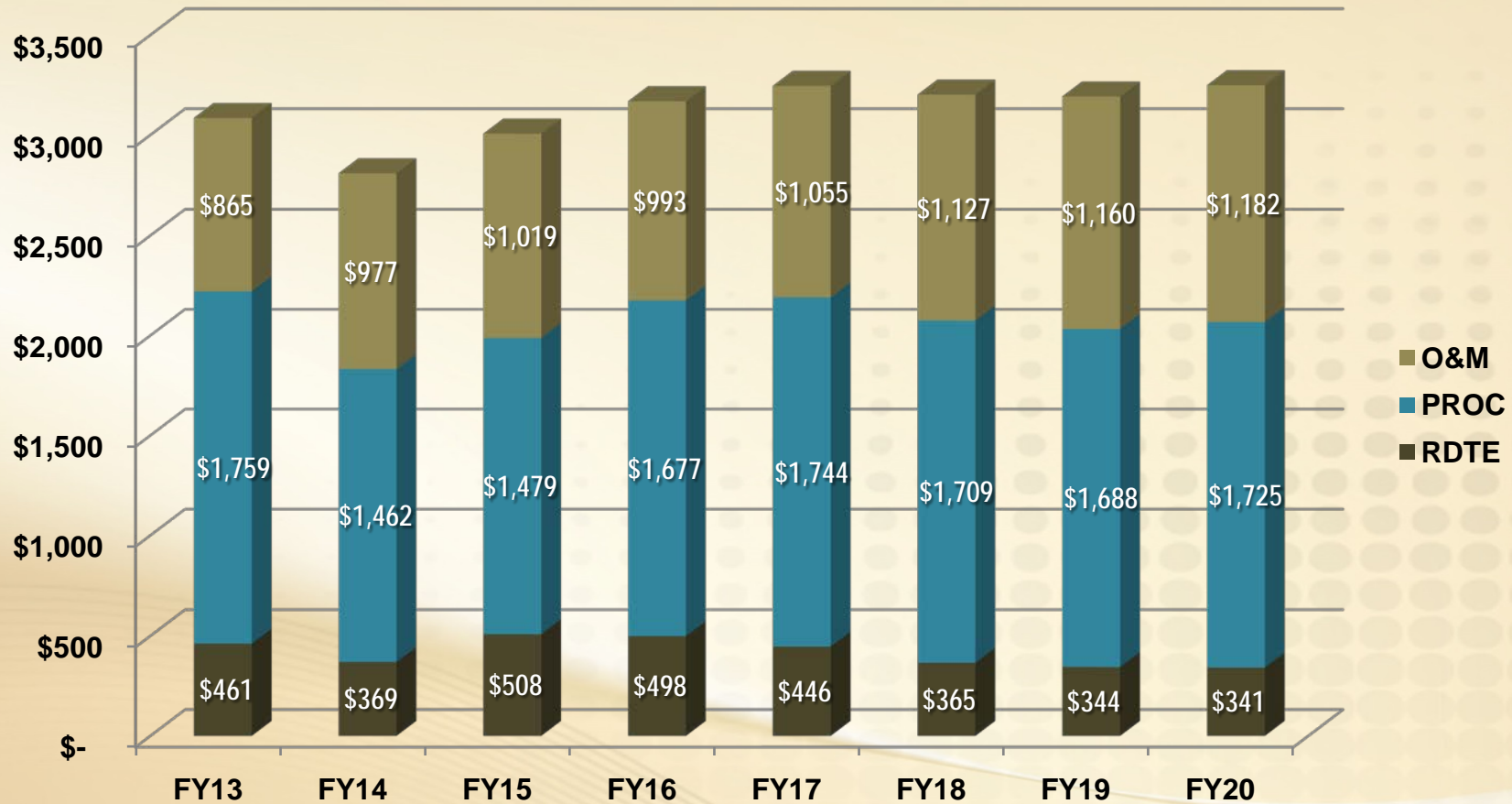
## NON-SOF SUPPORT

- Strategic Partners
  - Defense Logistics Agency
  - US Transportation Command
- Executive Agent / Lead Service
  - Operational Contracting Support
  - Base Operating Support
  - Military Construction
  - Intra-theater Lift
- Service Provided Combat Service Support
- Inter-agency (Title 22)
- Coalition
- Host Nation

## LIMITED ORGANIC SOF LOGISTICS CAPABILITY

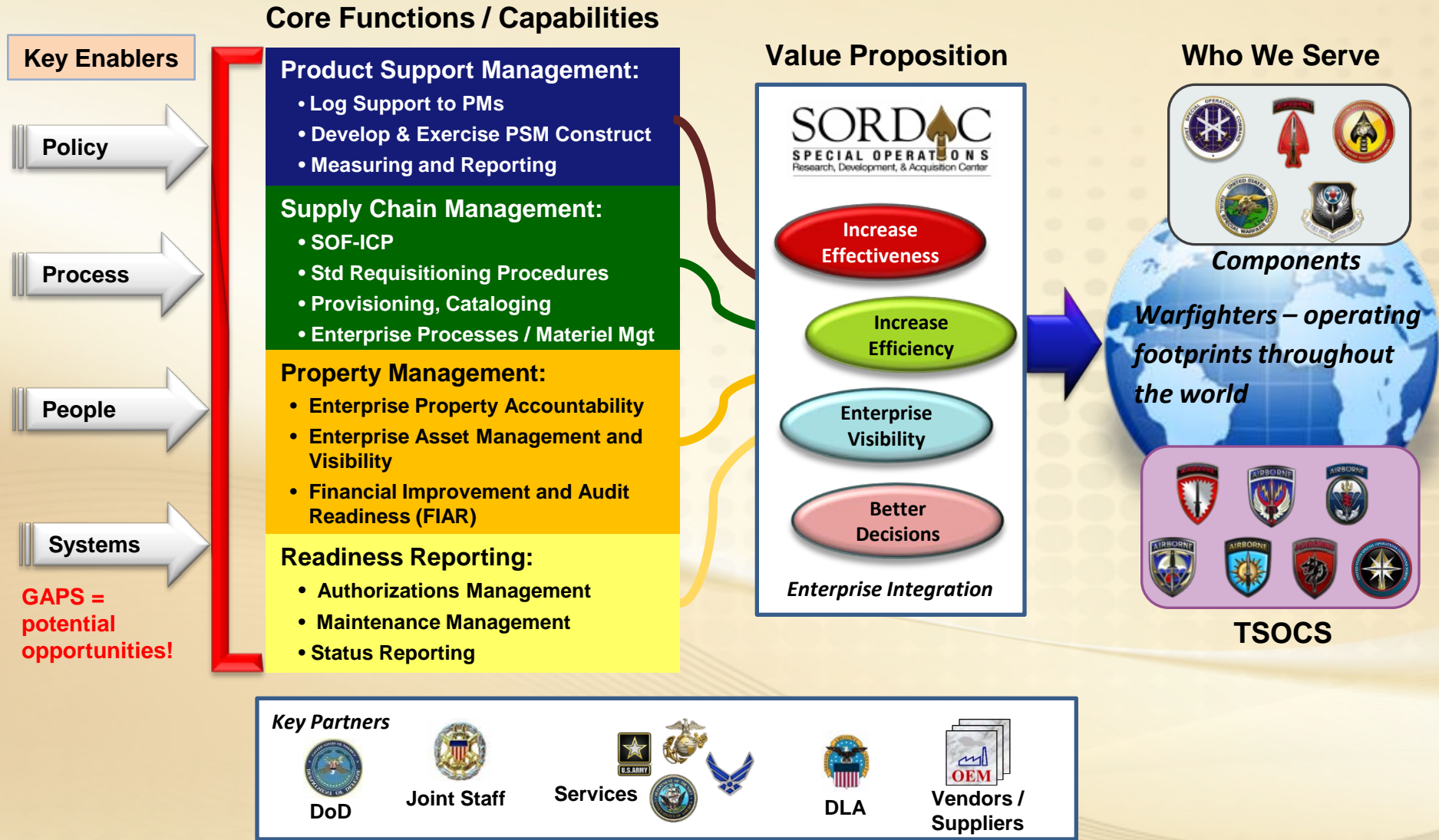


# SOF AT&L FUNDING (MFP-11)



**Does not include ~\$2.6B MFP-11 customer funds**  
**Does not include non MFP-11 in support of SOF**

# SOF SUSTAINMENT ENTERPRISE VISION



# ENABLERS



# SOF ACQUIRERS/LOGISTICIANS

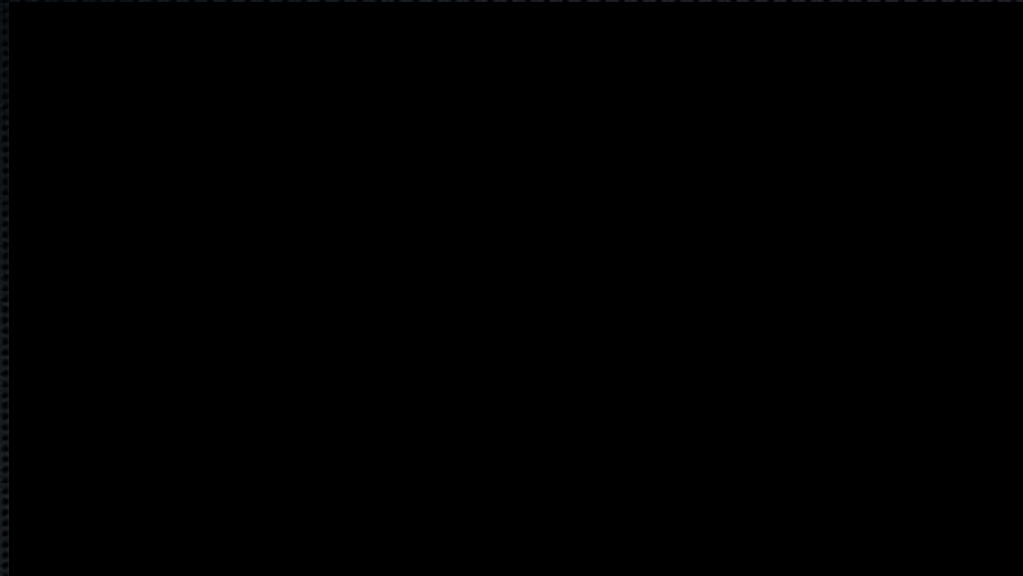


- Credible**
- Technical Expert**
- Joint by design**
- Innovator/Entrepreneur**
- Efficiently effective**
- Supported by mission focused team/tools**



***Sharing SOF characteristics and Mindset***

## Rewarding Unconventional Thinking



# AT&L WORKFORCE DEVELOPMENT AWARD

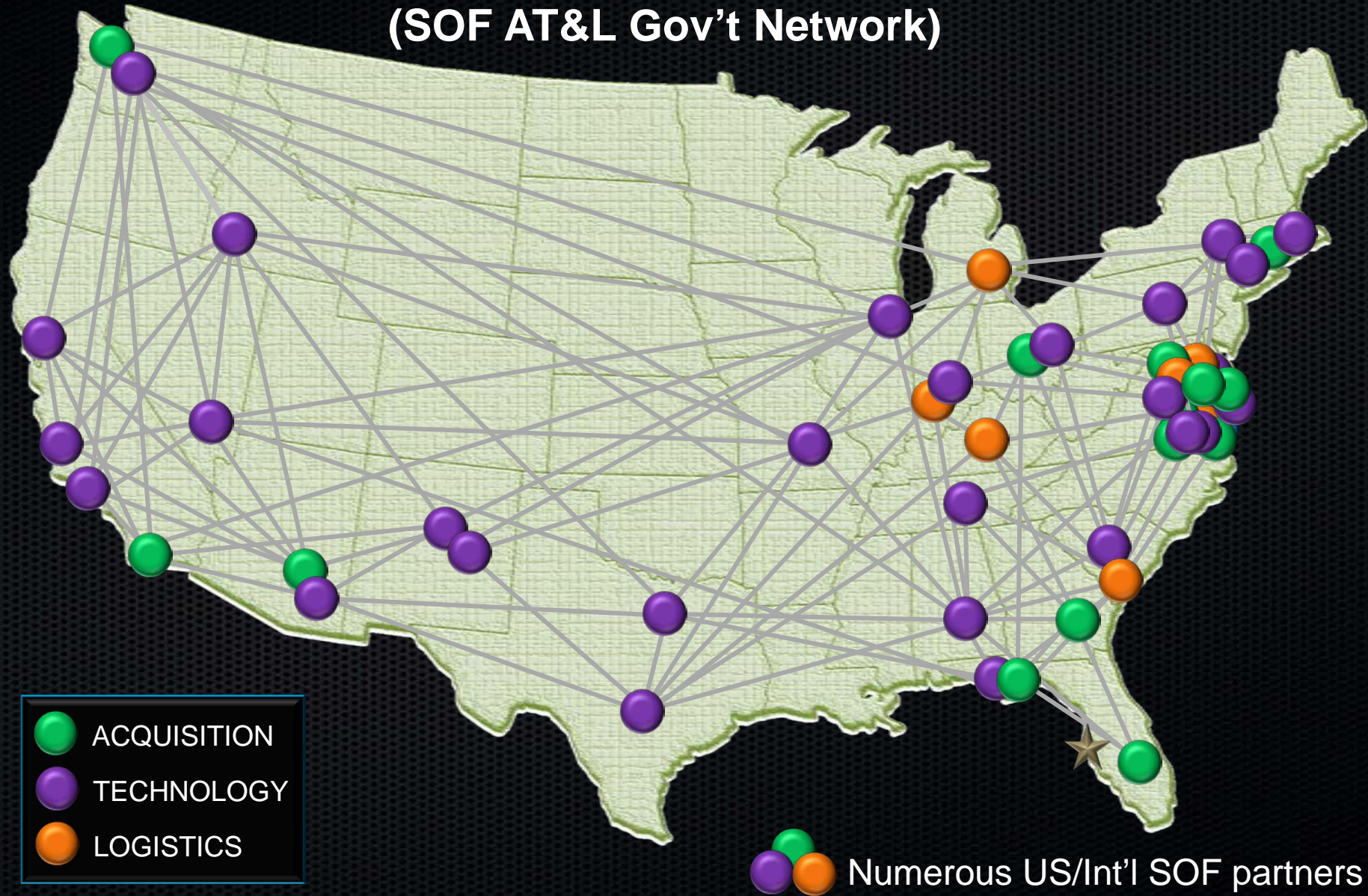


# INNOVATION THRIVES IN A MARKETPLACE

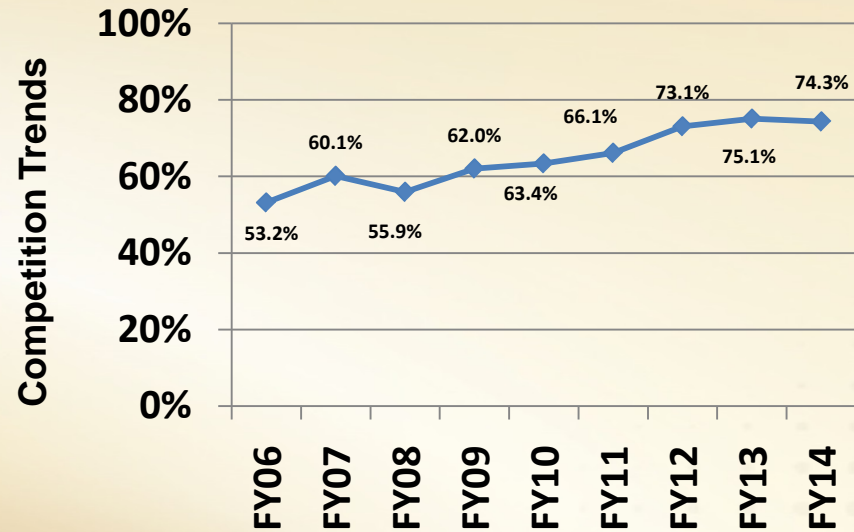


# THE POWER OF THE NETWORK

(SOF AT&L Gov't Network)



# THRIVING COMPETITIVE LANDSCAPE



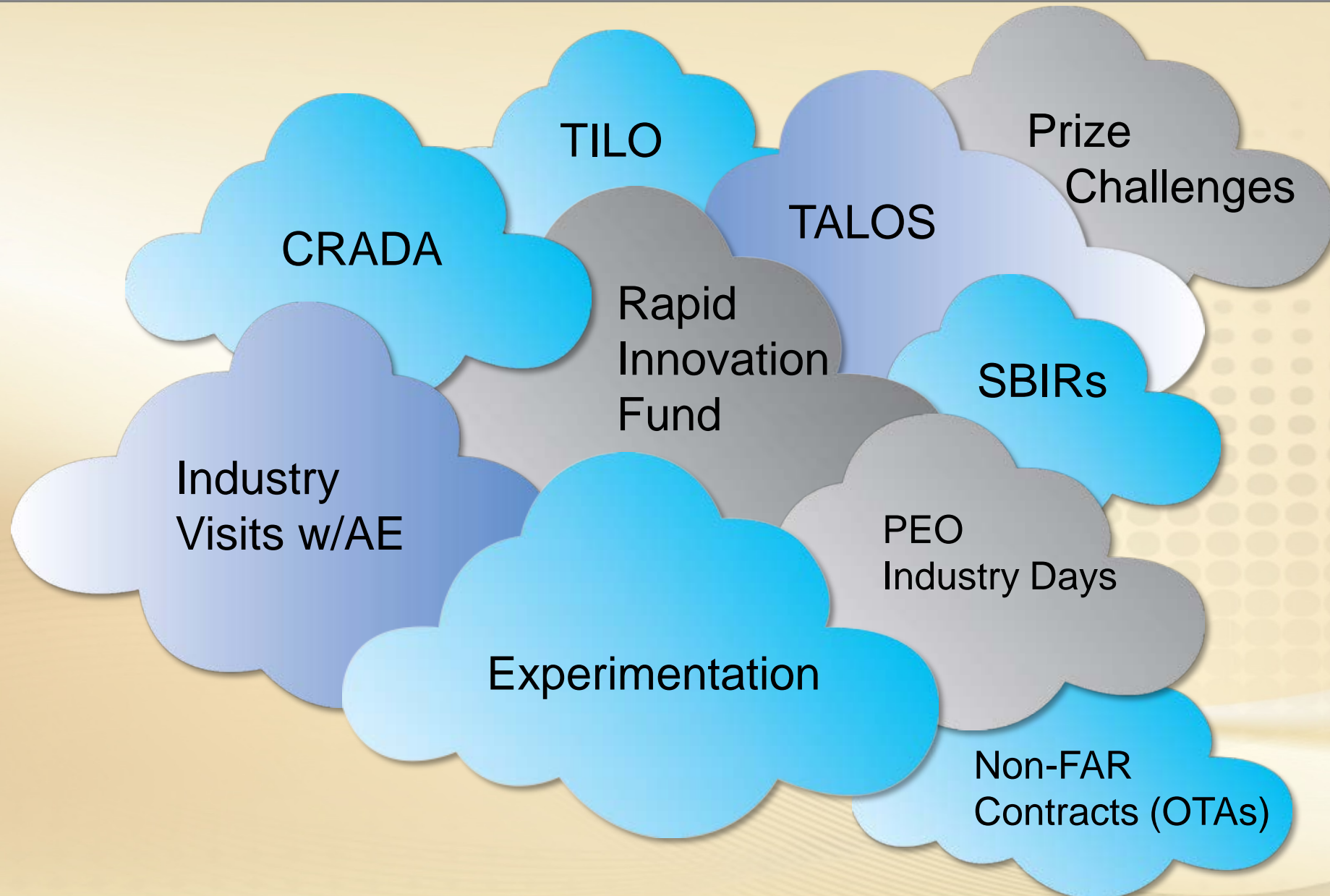
## FY14 Results

- **Small Business (SB): 28.8% (\$653M)**
- **SB (Disabled Vet): 10.3% (\$230M)**
- **SB (Disadvantaged): 7.5% (\$167M)**
- **Women Owned SB: 3.5% (\$80M)**

## Focus Areas

- Best Value
- Meaningful incentives
- Service acquisition strategies

# BREAKING DOWN BARRIERS



# NEW AT&L PARTNERS

## INTERNATIONAL ARMAMENTS COOPERATION AGREEMENTS



- 5 Bilateral Agreements
- 1 Multilateral in Final Negotiation
- 2 R&D Liaisons
- 5 Combating Terrorism Research & Development (CTRD) Agreements

## INTERNATIONAL AGREEMENTS / DIRECT COMMERCIAL SALES / FOREIGN MILITARY SALES



Mobile Comms  
& Networks



Laser Markers & Sights



SDV



Air Drop Solutions



Night Vision Goggles



## FOREIGN COMPARATIVE TESTING (FCT)

- Since 1996 – 78 Projects (\$100M)
- 69 Complete
- 9 Ongoing (2 Tech Assessments)
- 47 Transitioned / Fielded  
(\$506M Proc)

## COALITION WARFARE PROGRAM (CWP)

- Since 2010 – 5 Projects (\$13.5M)
- 2 Complete
- 3 Projects Ongoing
- 2 Transitioned / Fielded



# NEW OPERATING MODELS

**TALOS Rapid Prototyping Environment (RPE)**



**Field Trials**



**Rapid Transition Opportunities**



**Thickening the Network**



# NEW WAYS OF THINKING

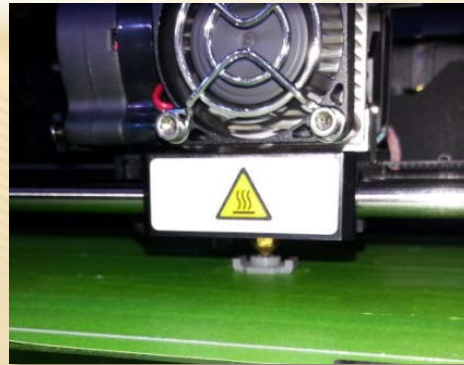
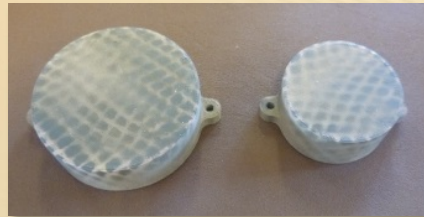
(e.g. 3D Printing)

**Strategy: Enable the Global SOF Network with distributed use of networked advanced design and manufacturing tools**



**Objective: Empowered units and individuals solving problems and implementing solutions at the point of need**

# ENABLING OPERATOR DRIVEN INNOVATION



# ADAPT OR DIE



# FOR FURTHER ENGAGEMENT

## SMALL BUSINESS HELP

**Christopher Harrington**

Director, Office of Small Business Programs

[Christopher.Harrington@socom.mil](mailto:Christopher.Harrington@socom.mil)

813.826.9475

## SUBMITTING PRODUCTS OR IDEAS

**Shelvin Watts**

Technology & Industry Liaison Officer

[TILO@socom.mil](mailto:TILO@socom.mil)

813.826.9482

## INFORMATION ON SOCOM NEEDS, PROGRAMS AND PROCESSES

<http://www.socom.mil/sordac>

## EXPERIMENTATION IDEAS

[http://www.socom.mil/sordac/  
Pages/ExpWithUS.aspx](http://www.socom.mil/sordac/Pages/ExpWithUS.aspx)

## COME VISIT THE AE

**James Geurts**

[James.geurts@socom.mil](mailto:James.geurts@socom.mil)

813.826.9402

# BACKUP

# DISTURBING TRENDS

