
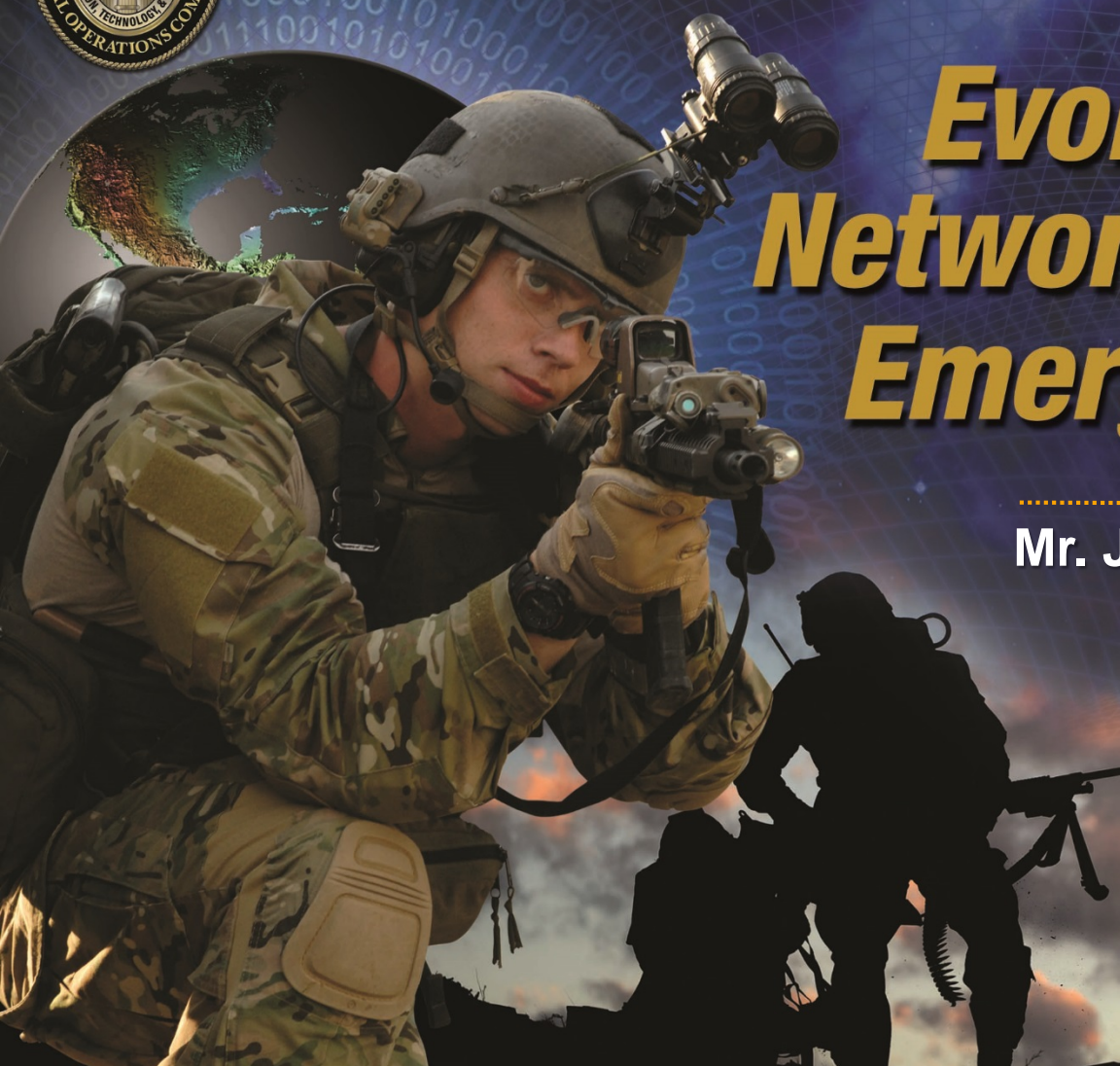




# SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE



## *Evolving the Network to Counter Emerging Threats*

Mr. James "Hondo" Geurts  
Acquisition Executive

U.S. SPECIAL OPERATIONS COMMAND



# THANK YOU





# A History of Innovation

Water Route — Chih Chiang to Hankow

JAVA-MAN PROJECT



Chih-Chiang 70mi





**2010**  
**5480**  
ATTENDEES



**2013**  
**8576**  
ATTENDEES



**2016**  
**11,500**  
ATTENDEES





# New this SOFIC

## Mini Urban Robotics Challenge National Championship



## SOFIC Workshops



- USSOCOM Marketplace
- Procurement Workshops
- USSOCOM/SOF AT&L 101
- CRADA Crash Course
- Project Vulcan
- SOF Capabilities for Partner Nations

## Mil-OSS SOFIC Hackathon



## Small Business Executive Forum



## SOFIC Solution Showcase



# EXPONENTIAL *Environment*

## LOCATIONS

More countries, more diverse operating locations, challenging logistics & communications infrastructure

## MISSIONS

Dynamic; rapidly changing; encompassing the full range of direct, indirect, training, & preparation

## PARTNERS

Varying degrees of integrations & reach; interacting in ops, cooperative development, & foreign comparative test

## C2 DEMANDS

Requires seamless, integrated, & effective C2 at the global scale with high confidence

## MARKET-PLACE

Global & commercially driven; heavy use of COTS/GOTS increases complexity



# *SOF AT&L*



## ***MISSION***

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



## ***VISION***

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



## ***PRINCIPLES***

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



# SOF AT&L Organization



**PEO SERVICES**  
Mr. Ted Koufas



**PEO SOFSA**  
Special Operations Forces  
Support Activity  
COL Luke Peterson  
**(COL Jack Dills)**



**LOGISTICS**  
COL Steve Allen



**PEO C4**  
Command, Control,  
Communications,  
& Computers  
Ms. Deb Woods



**PEO SRSE**  
Special Reconnaissance,  
Surveillance, & Exploitation  
Mr. David Breede  
**ACTING**



**PROCUREMENT**  
Col Chris Daniels



**PEO  
ROTARY WING**  
COL John Vannoy  
**(COL David Phillips)**



**PEO  
SOF WARRIOR**  
COL John Reim



**COMPTROLLER**  
Mr. Dave Nuchols



**PEO MARITIME**  
CAPT Kate Dolloff



**PEO FIXED WING**  
Col Eric Forsyth



**SCIENCE &  
TECHNOLOGY**  
Mr. Tony Davis



**DEPUTY DIRECTOR**  
Mr. Jim Smith



**ACQUISITION  
EXECUTIVE**  
Mr. Jim Geurts



**MILITARY DEPUTY**  
COL Tim Baxter

New in position since SOFIC 2015  
Projected inbound Summer 2016



# Global Acquisition Network

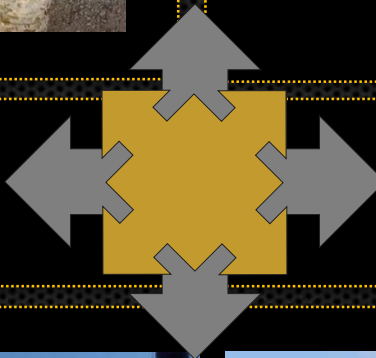
## DoD Labs, Industry, Academia, & International Partners



## Service/International Acquisition



- Combat Feedback
- Unconventional Uses



- SOF-to-Service Transition
- Innovative Acquisition Practices

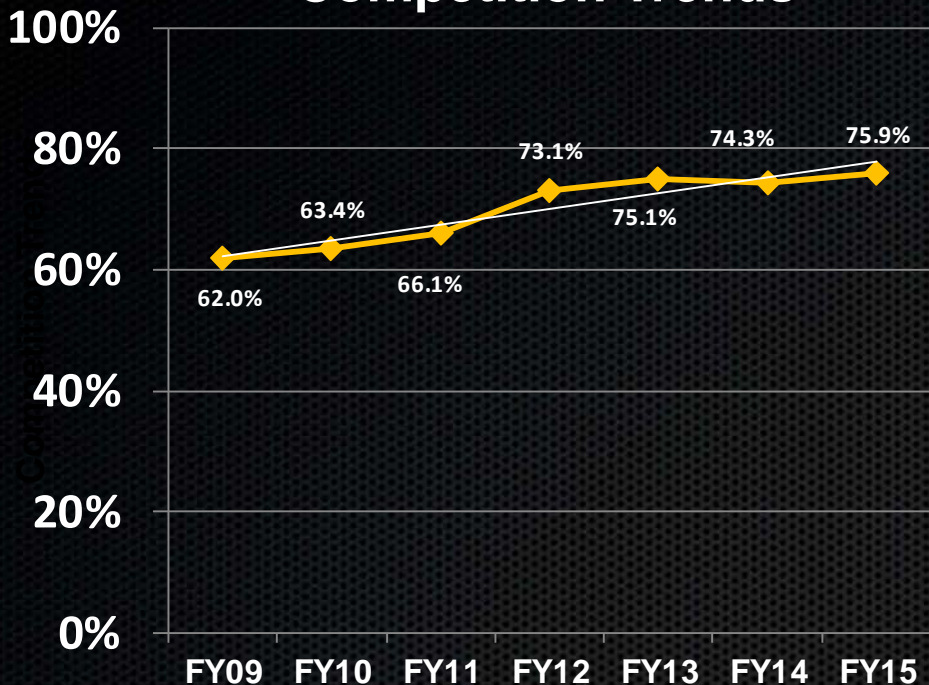


USSOCOM Acquisition



# Thriving Competitive Landscape

## Competition Trends



UNCLASSIFIED

*Service Disabled Veteran Owned Small Business*

FY15 Contract Awards

**360% OF GOAL**

DoD Goal 3%    USSOCOM Actual 10.79%

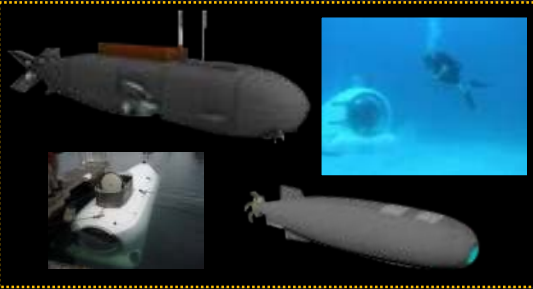
**\$294.92M**

UNCLASSIFIED

	FY15 Goal	FY15 Achieved	FY15 Dollars
Small Business (SB)	25%	33.13%	\$906M
SB – Disabled Veteran	3%	10.79%	\$294.9M
SB – Disadvantaged	5%	10.53%	\$287.6M
SB – Women Owned	2%	4.66%	\$124.5M
SB – HUBZone	1%	2.3%	\$62.8M

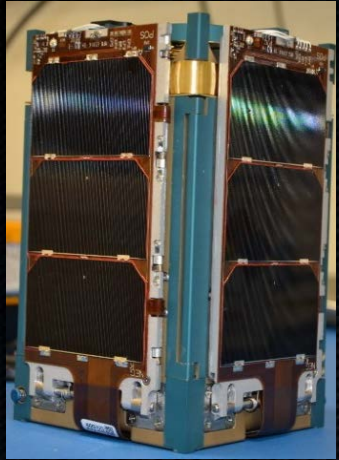


# Global Industry Partners



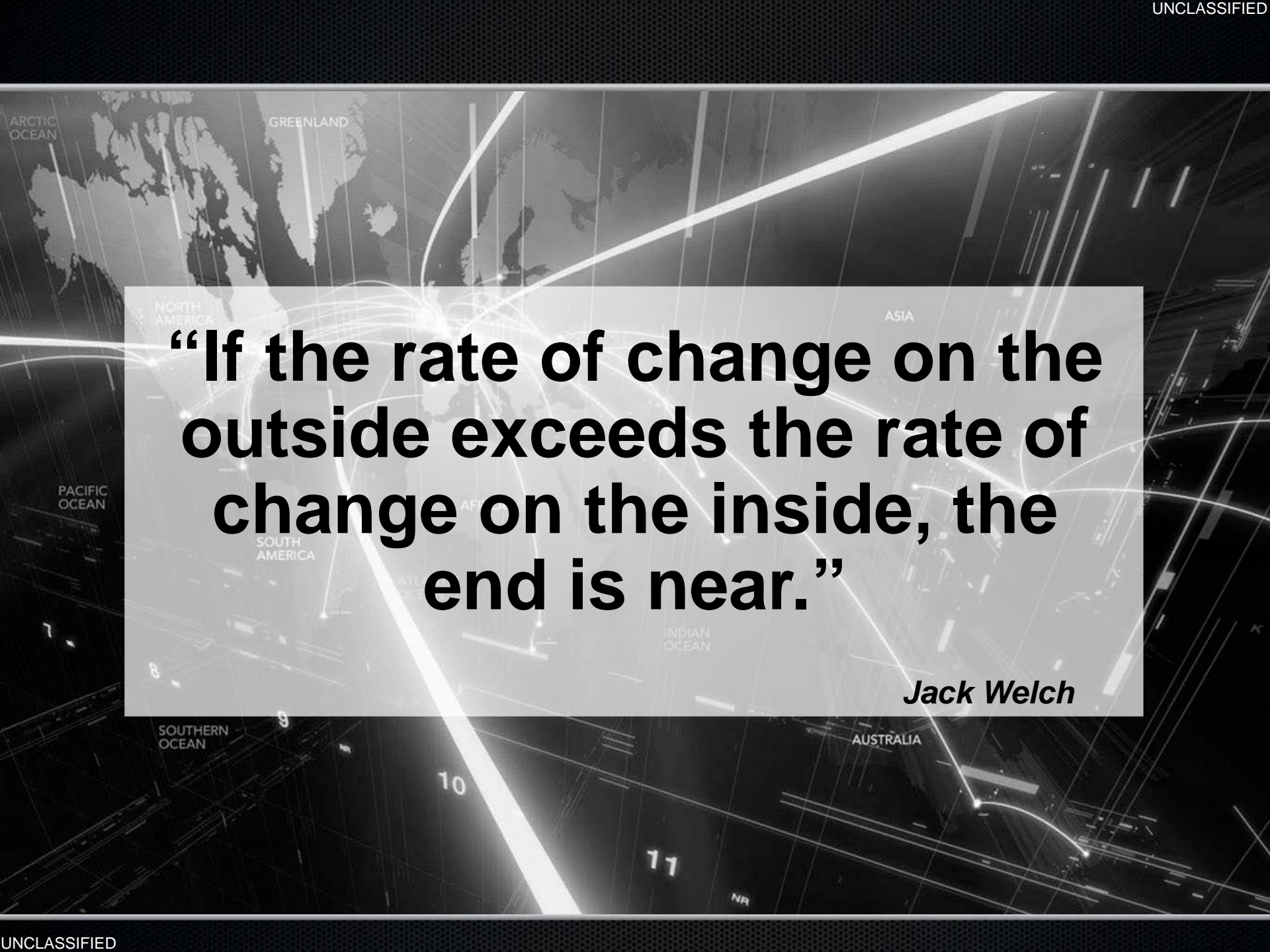


# *FY15 Acquisition*



<b>98M</b>	Rounds of ammunition
<b>42,334</b>	Weapons, accessories, lasers, & visual augmentation systems
<b>235,116</b>	Operator survival/equipment items
<b>4,909</b>	Radios, SATCOM terminals, & ancillary equipment
<b>28,914</b>	Information Technology automation devices & systems
<b>7,538</b>	Operator & Medic kits
<b>2,179</b>	ISR kits
<b>1,014</b>	Vehicles
<b>2,775</b>	TACLAN FoS equipment deliveries
<b>13</b>	SCAMPI node, USSOCOM Strategic Entry Point, media ports
<b>260</b>	CASEVAC kits
<b>85</b>	Rotary Wing aircraft & systems
<b>16</b>	Tactical MISO systems
<b>31</b>	Fixed Wing aircraft
<b>9</b>	Mobile Technology & Repair Centers deployed
<b>9</b>	Maritime Surface Crafts
<b>3</b>	Undersea Manned Submersible Prototypes





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

*Jack Welch*

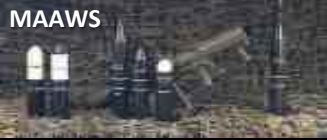


# Wide Array of Programs

MILESTONE C

MILESTONE B

MAAWS



GMV1.1



Sniper Weapons & Accessories



Genedrive Bio Identifier



MH-47



CV-22

DVEPS



AC130J



RFCM



MCTF



DDS / SDV



CCM Mk 1



SWCS



DCS



LRBS



SCAMPI

Hand Held Link-16

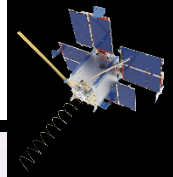


SOFLE

Intelligence Collection Systems



Special Operations Tactical Video System (TVS)



Prometheus Block 2



Identity Operations



GROUND  
118 Programs / Projects

AIR  
109 Programs / Projects

MARITIME  
24 Programs / Projects

C4I  
142 Programs / Projects

SRSE  
59 Programs / Projects



# Service Support Efforts

## KNOWLEDGE-BASED SERVICES

Global Battlestaff  
& Program Support

2010-2015

USSOCOM Wide  
Mission Support

2015-2020

## INFORMATION TECHNOLOGY (IT) SERVICES

Special Operations Forces Information  
Technology Enterprise Contracts I

2011-2017

Special Operations Forces Information Technology  
Enterprise Contracts II (via Alliant Contract)

2017-2021

## SPECIAL OPERATIONS FORCES GLOBAL LOGISTICS SUPPORT SERVICES

Special Operations Forces Support Activity

2010-2018

Special Operations Forces Global Logistics Support Services

2018-2028



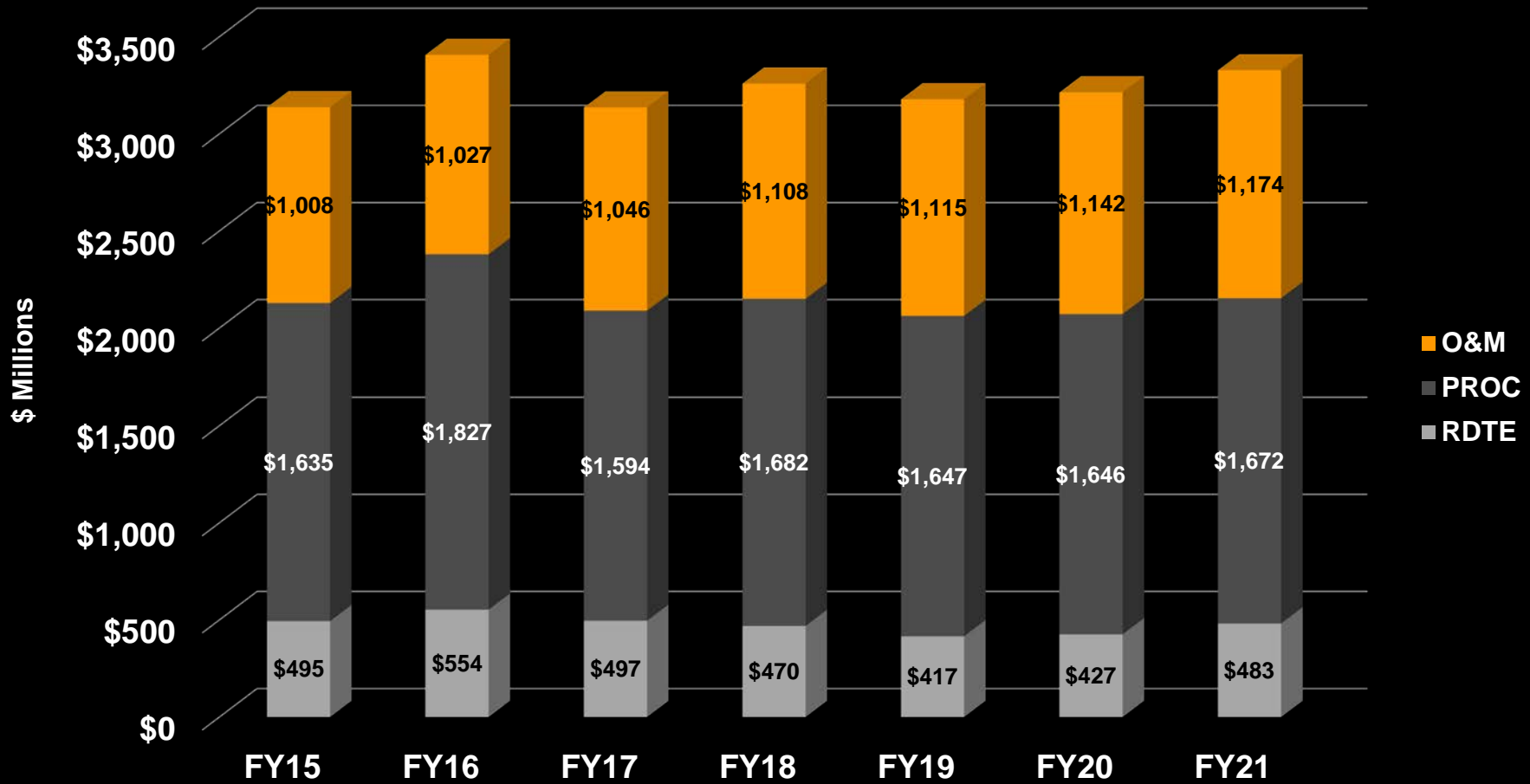
## OTHER NOTABLE ACTIVITIES

- Manned ISR Services
- Unmanned ISR Services
- Preservation of the Force & Family - Care Coalition
- USSOCOM Enterprise Wide Training
- Language, Regional Expertise, & Cultural Training
- JSOU
- Various CLS Efforts



# *SOF AT&L Funding (MFP-11)*

## 17 President's Budget



Does not include non MFP-11 in support of SOF



# International Operations

## INTERNATIONAL COOPERATION AGREEMENTS

### CAPABILITY DEVELOPMENT

- Collective Knowledge of Partnering Nations' Technology Base
- Equitable share of Cost Burden

5 Bilateral SOF Capability Development Agreements

1 Multilateral SOF Capability Development Agreement

2 R&D Liaisons to SOF AT&L as of May 2016 / 3 Onboard ~July 2016

5 Combating Terrorism Research & Development (CTRD) Agreements



Example: Collaborative Development of Diesel LTATVs

## DIRECT COMMERCIAL & FOREIGN MILITARY SALES



V-22



ISR Platforms



CH-47 & UH-60  
SOF Mods



GMV1.1



Tactical Comms  
& Networks



Night Vision  
Goggles



Maritime Mobility



Laser Markers & Sights



Air Drop Solutions

## COALITION WARFARE PROGRAM (CWP)

Since 2010 – 5 Projects (\$13.5M)

3 Complete

2 Projects Ongoing

3 Transitioned / Fielded



## FOREIGN COMPARATIVE TESTING (FCT)

Since 1996 – 80 Projects (\$102M)

74 Complete

5 Ongoing (1 Tech Assessment)

52 Transitioned / Fielded

(\$525M Proc)





# SOF Sustainment Enterprise

## Core Functions / Capabilities

### Key Enablers

Policy

Process

People

Systems

GAPS = potential opportunities!

- Product Support Management:**
  - Log Support to PMs
  - Develop & Exercise PSM Construct
  - Measuring & Reporting
- Supply Chain Management:**
  - SOF-ICP
  - Std Requisitioning Procedures
  - Provisioning, Cataloging
  - Enterprise Processes / Materiel Mgt
- Property Management:**
  - Enterprise Property Accountability
  - Enterprise Asset Management & Visibility
  - Financial Improvement & Audit Readiness (FIAR)
- Readiness Reporting:**
  - Authorizations Management
  - Maintenance Management
  - Status Reporting

## Value Proposition



- Increase Effectiveness
- Increase Efficiency
- Enterprise Visibility
- Better Decisions

Enterprise Integration


## Who We Serve




**Components**  
Warfighters – operating footprints throughout the world



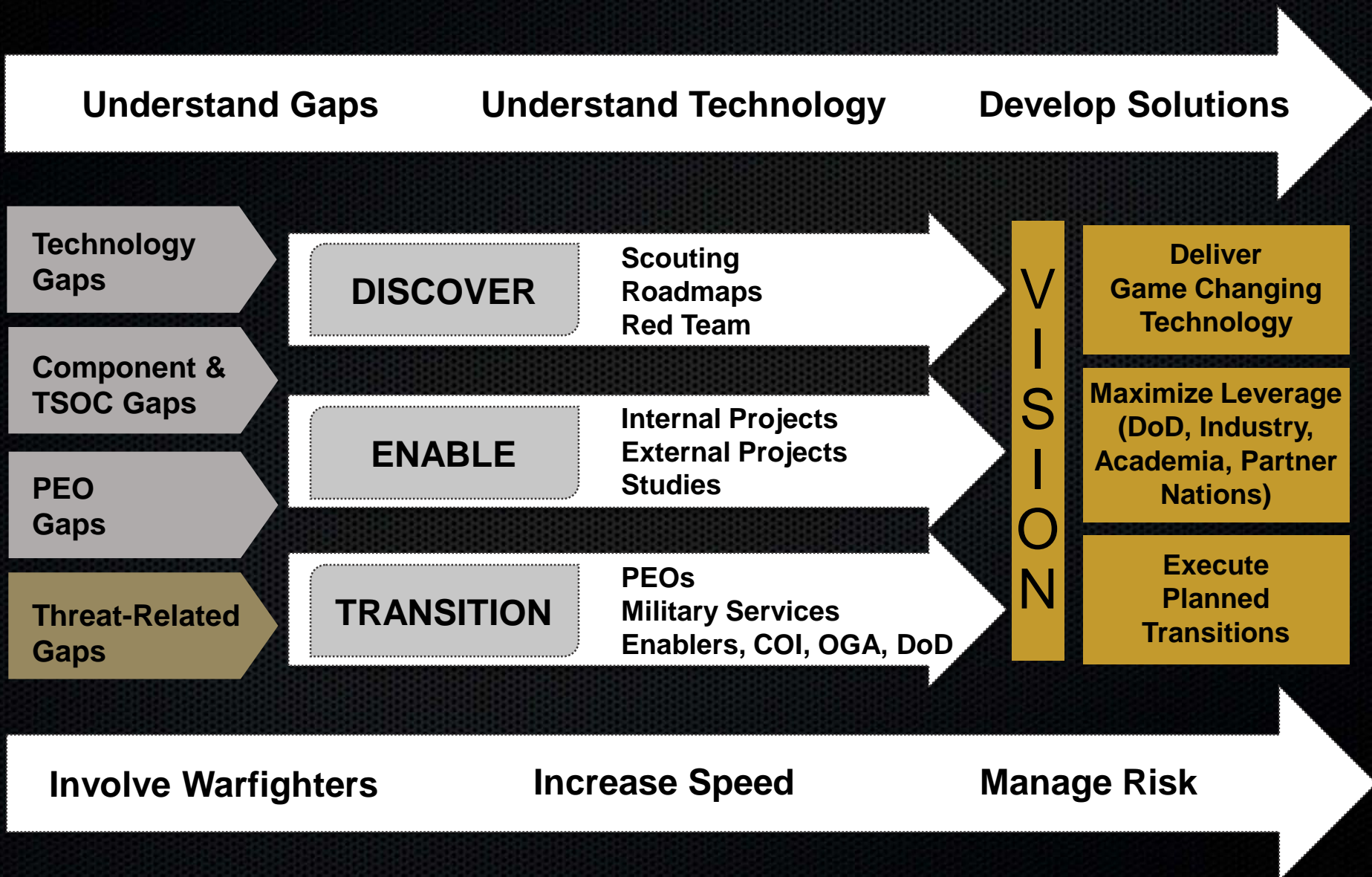
### Key Partners



DoD    Joint Staff    Services    DLA    Vendors / Suppliers



# Shaping the Future





# *SOF S&T Needs*



“Somewhere something incredible  
is waiting to be known.”

-Carl Sagan

- Comprehensive Signature Management (CSM)\*
- Human Performance\*
- First Pass Accuracy & 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 & Technology Integrated Priority List (STIPL)



# Breaking Down Barriers

PEO INDUSTRY  
DAYS + S&T LAB  
DAYS **93+**

TALOS  
30 RAPID  
PROTOTYPING  
SESSIONS  
215 Different  
Organizations

CAPABILITY  
COLLABORATION  
EVENTS

Monthly: Started  
April 2016

NON-FAR  
CONTRACTS  
(OTAs) **5**

INDUSTRY VISITS  
**127** With AE in FY15

SBIRs

**56**  
PROJECTS

TILO

**603**  
Submissions

TECHNICAL  
EXPERIMENTATION

**170** Experiments

SOFWERX

Ybor City Location  
opened Dec 2015

**207**  
Events

CRADAs

**144**  
SIGNED

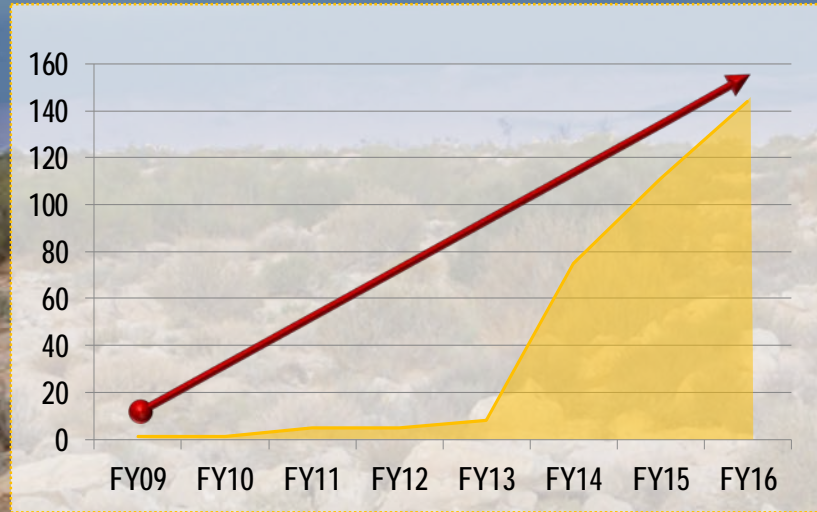
**946**  
Attendees

COMPETITION  
FEEDBACK

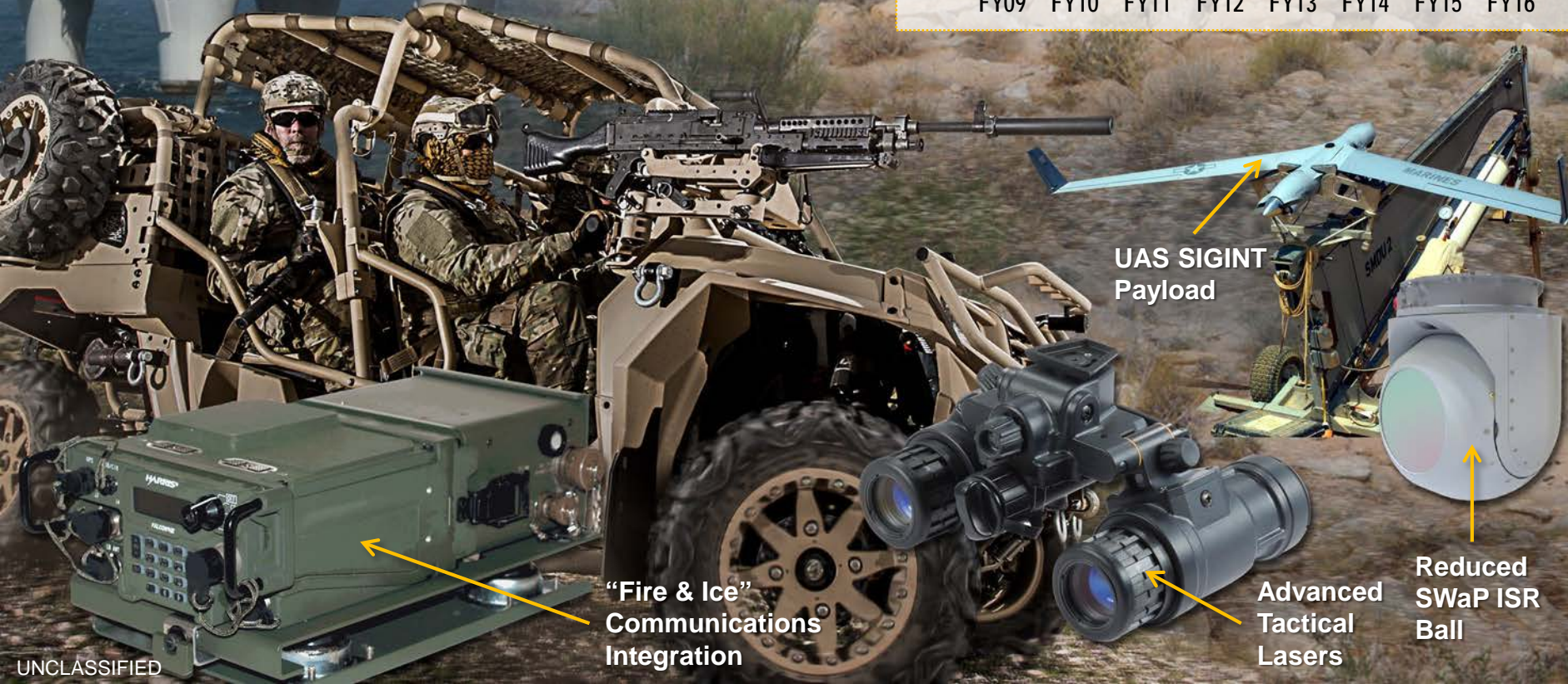
**13** Sessions



# Cooperative Research & Development Agreements (CRADAs)



Underwater Challenge



UAS SIGINT Payload

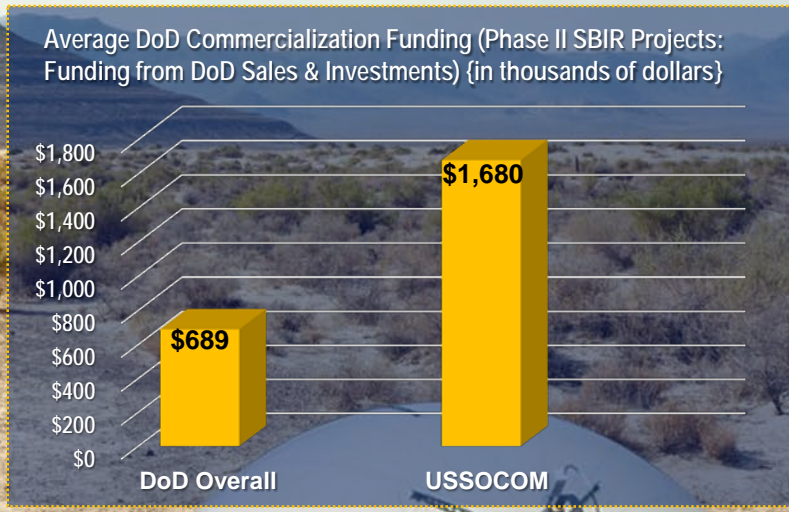
"Fire & Ice" Communications Integration

Advanced Tactical Lasers

Reduced SWaP ISR Ball



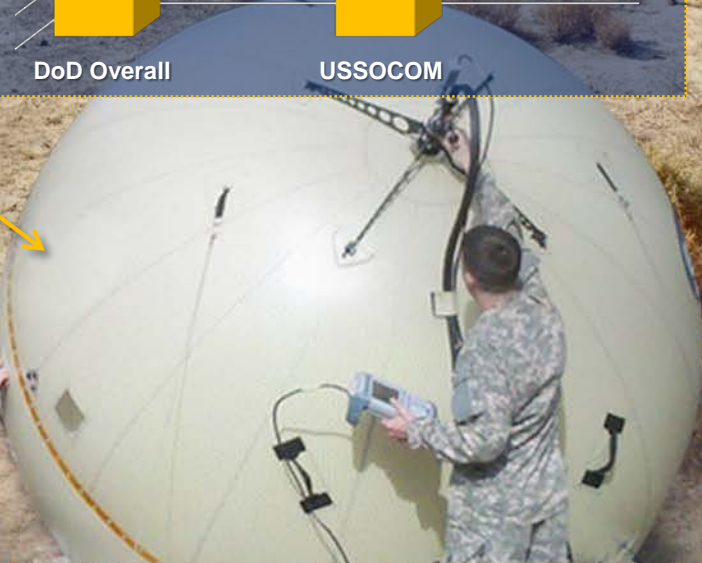
# Small Business Innovation Research



Military Free Fall Tactical Guidance System



2.4 Meter Lightweight Inflatable SATCOM Antenna



Parachute Rehearsal System



Tactical Biometric Registration & Recognition

Antenna Enhancements for SOF Applications



Advanced Micro Weather Sensor





# Enabled by Tools

## Project Vulcan

Turn Everyone into a Sensor



## SOFWERX

Create Venues for Return on Collisions



## S&T Council

Voice of Components/TSOCs

## Technical Experimentation



## SOFIC



Industry Engagement

## TILO 2.0



## PEO Technology Insertion Roadmaps

Link What Components Need to Execution





# Innovation Thrives in a Marketplace

**Network  
Engagement**



**Mini Robotics**

**CO-INVENTION**



**THUNDERDOME  
EVENTS**



**EDUCATION  
WITH AT&L**

**WORKFORCE DEVELOPMENT**



**Fellowship/Interns**



**RAPID  
Prototyping**

**TECHNOLOGY  
AWARENESS**

**HACKATHONS**



**Growing the next  
GENERATION**



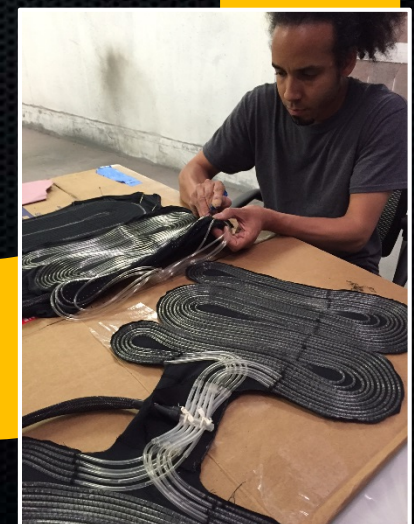
# TALOS Base Layer Integration Vignette

Problem Set:



## SOF WERX

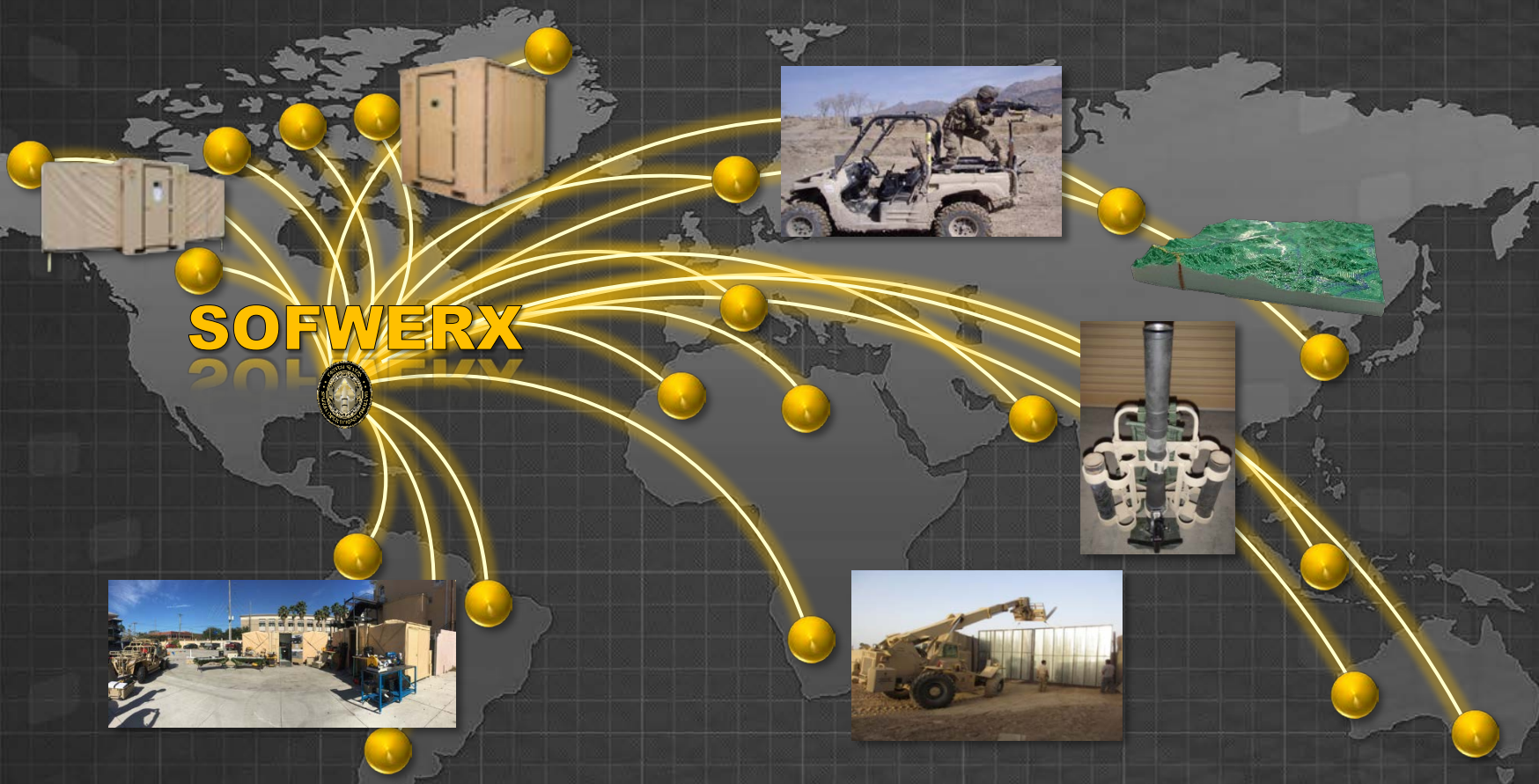
## DIRTY SOF WERX





# *The Power of the Network*

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



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



# THANK YOU

