

SOF AT&L

Special Operations Forces
Acquisition, Technology, & Logistics

Mr. James "Hondo" Geurts

Acquisition Executive



Exponential Environment



Locations

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

Missions

Dynamic, rapidly changing, encompassing the full range of direct, indirect, training, and preparing

Partners

Varying degrees of integrations and reach. Interacting in ops, cooperative development and foreign comparative test

C2 Demands

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

Marketplace

Global and commercially driven. Heavy use of COTS/GOTs increases complexity

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



PEO SERVICES
Mr. Ted Koufas



PEO SOFSA
Special Operations Forces
Support Activity
COL Luke Peterson



LOGISTICS
COL Steve Allen



PEO C4
Command, Control,
Communications,
and Computers
Ms. Deb Woods



PEO SRSE
Special Reconnaissance,
Surveillance, & Exploitation
Mr. Doug Richardson



PROCUREMENT
Col Chris Daniels



**PEO
ROTARY WING**
COL John Vannoy



**PEO
SOF WARRIOR**
COL John Reim



COMPTROLLER
Mr. Dave Nuchols



PEO MARITIME
CAPT Keith Lehnhardt



PEO FIXED WING
Col Eric Forsyth



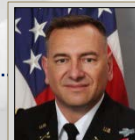
**SCIENCE &
TECHNOLOGY**
Mr. Tony Davis



DEPUTY DIRECTOR
Mr. Jim Smith



**ACQUISITION
EXECUTIVE**
Mr. Jim Geurts



MILITARY DEPUTY
COL Tim Baxter

Global Acquisition Network

DOD Labs, Industry, Academia & International Partners

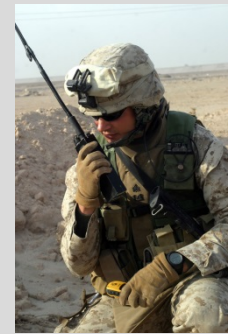
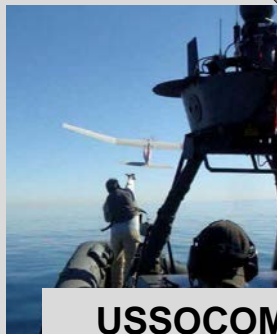


Service/International Acquisition



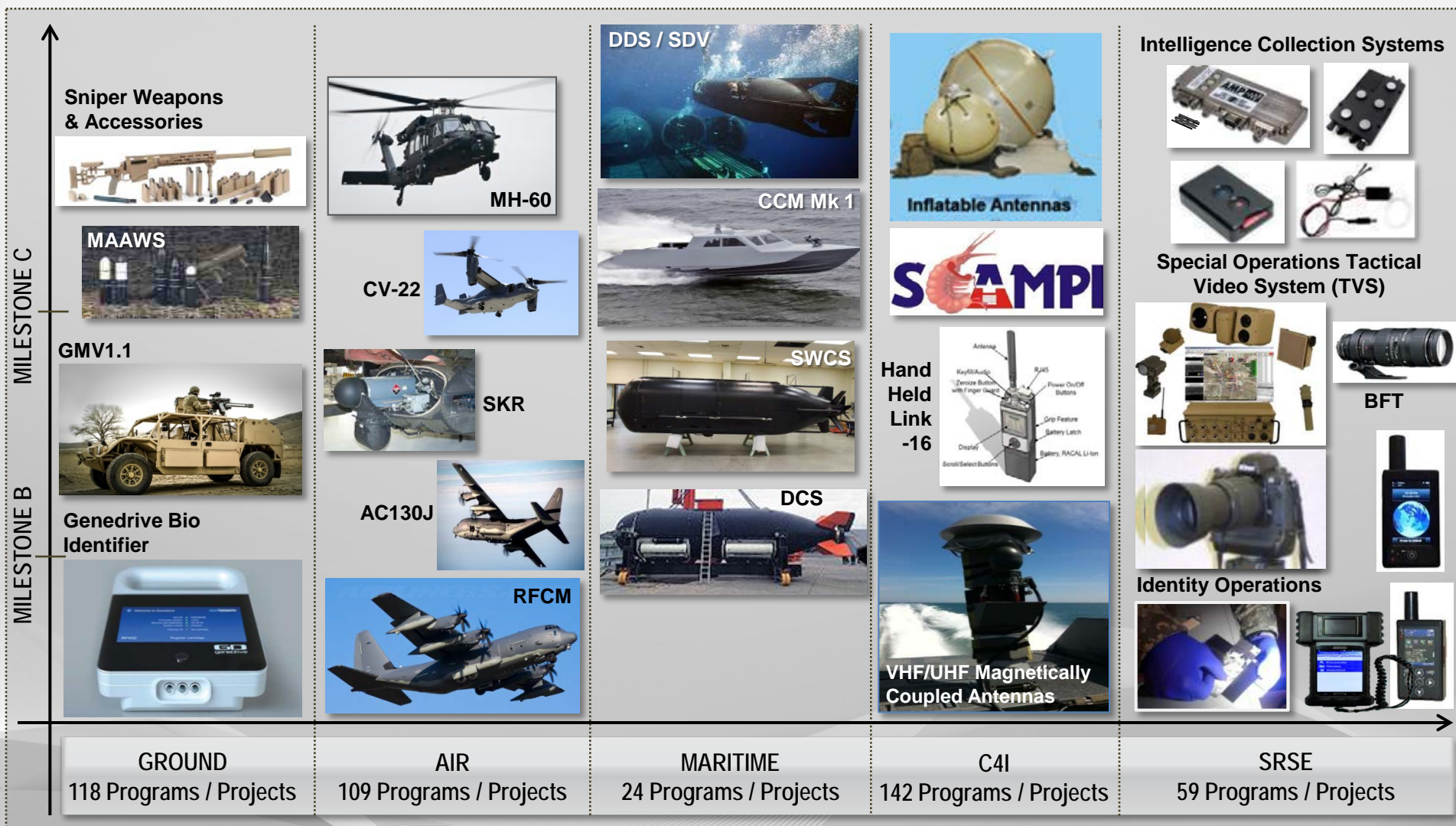
- Combat Feedback
- Unconventional Uses

- SOF-to-Service Transition
- Innovative Acq Practices



USSOCOM Acquisition

Wide Array of Programs



FY15 Acquisition

SOF ACQUISITION TEAM

~600 personnel

INNOVATION

- International commercial classification for use of high energy Li-Ion batteries in manned submersibles
 - Low cost/expendable satellites
- Improved tactical combat casualty care
 - Target engagement weapons/systems
 - Advanced armor/materials
 - Low Visibility/LPI C4 systems
 - Deployable Rapid DNA Analysis
 - Manned/unmanned ISR
 - SOF-unique night vision
 - Coalition partners data sharing exercise participation
- Tactical Assault Light Operator Suit

ANNUAL SCOPE

500+ programs/projects

Oversaw \$7.9B

Awarded \$3.5B

11,341 contract actions (inc 4,456 actions for services for \$1.85B)

98M

Rounds of ammunition

42,334

Weapons, accessories, lasers, & visual augmentation systems

1,874

Operator survival/equipment items

4,909

Radios, SATCOM terminals, & ancillary equipment

28,590

Information Technology automation devices & systems

2,187

Operator & Medic kits

1537*

Field Service Reps placed on contract *
(provided to support USSOCOM via PEO SOFSA)

2,455

ISR kits

627

Vehicles

2,769

TACLAN FoS equipment deliveries

13

SCAMPI node, SOCOM Strategic Entry Point, & media ports

313

CASEVAC kits

84

Rotary Wing aircraft & systems

16

Tactical MISO systems

29

Fixed Wing aircraft

12

Mobile Technology and Repair Centers deployed

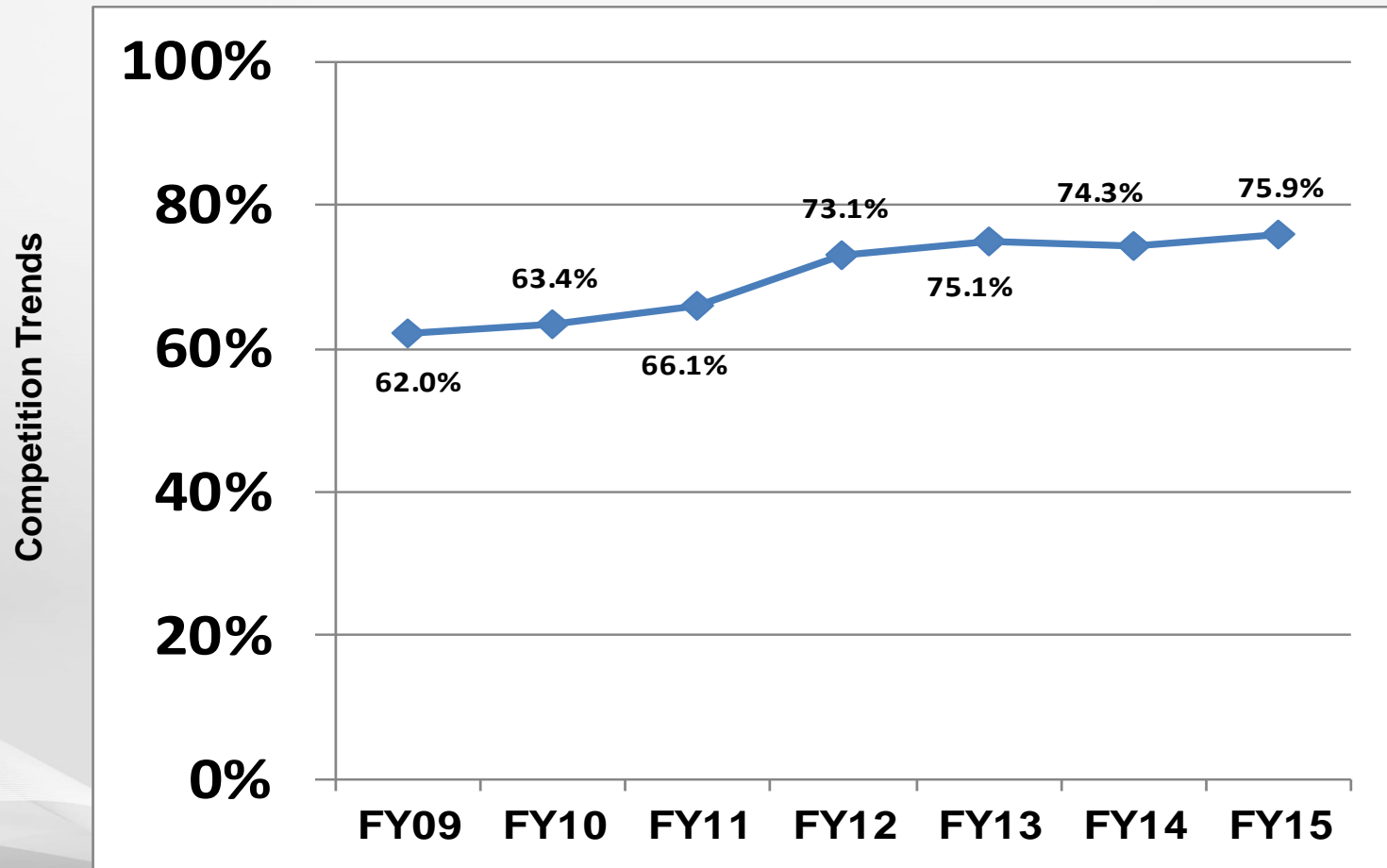
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Maritime Surface Crafts

3

Undersea Manned Submersible Prototypes

Competitive Landscape



Service Disabled Veteran Owned Small Business

FY15 Contract Awards

**360%
OF GOAL**

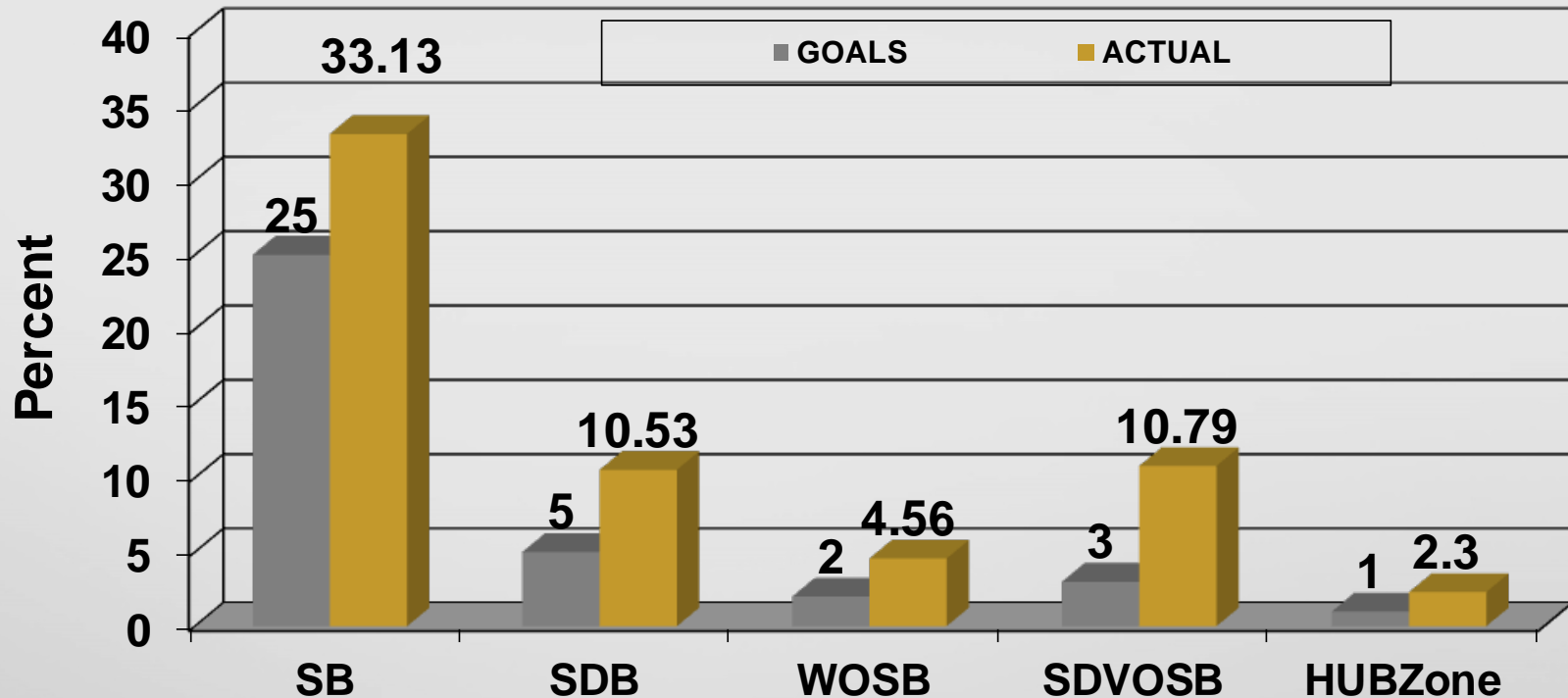


DoD Goal	USSOCOM Actual
3%	10.79 %

\$294.92M



Small Business Program

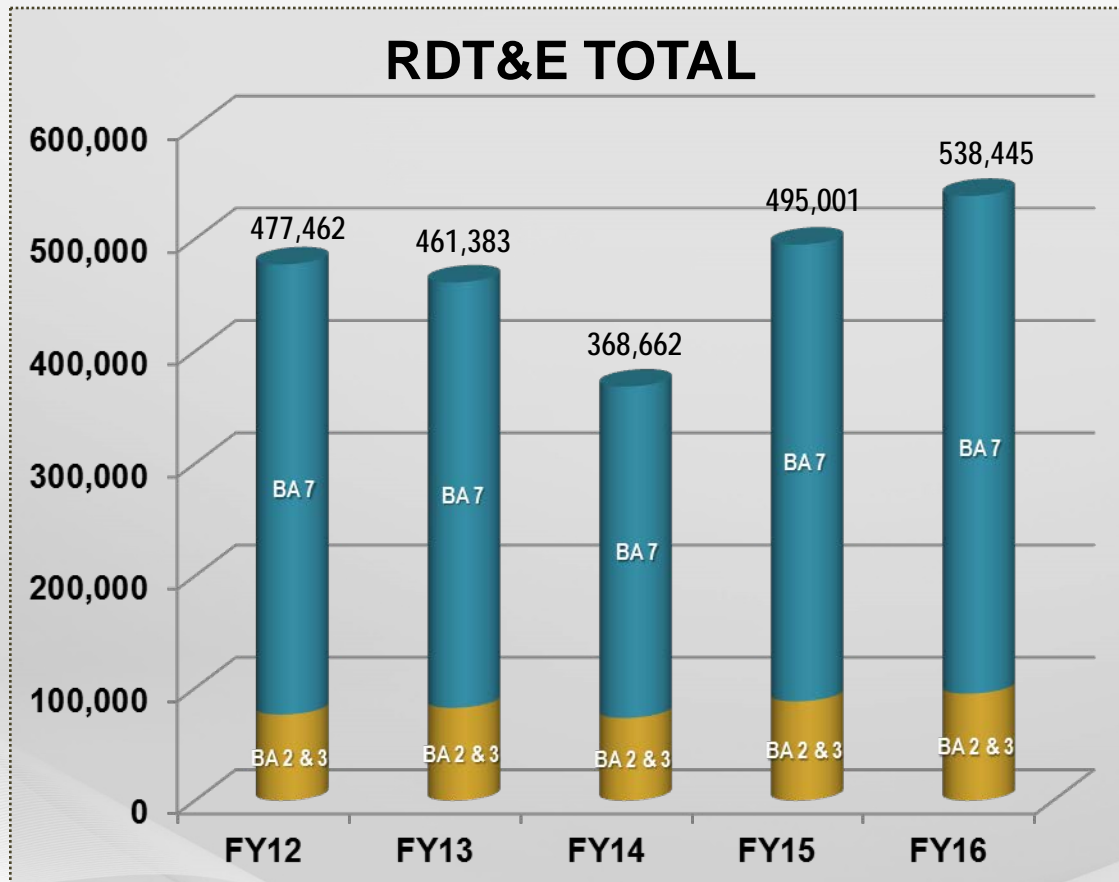


FY14 (\$M)	667.7	173.5	79.9	230.4	12.8
FY15 (\$M)	905.0	287.6	124.5	294.9	62.8

Reporting Through 30 Sep 15

2015 CAOC Small Business Award Winner

RDT&E Funding



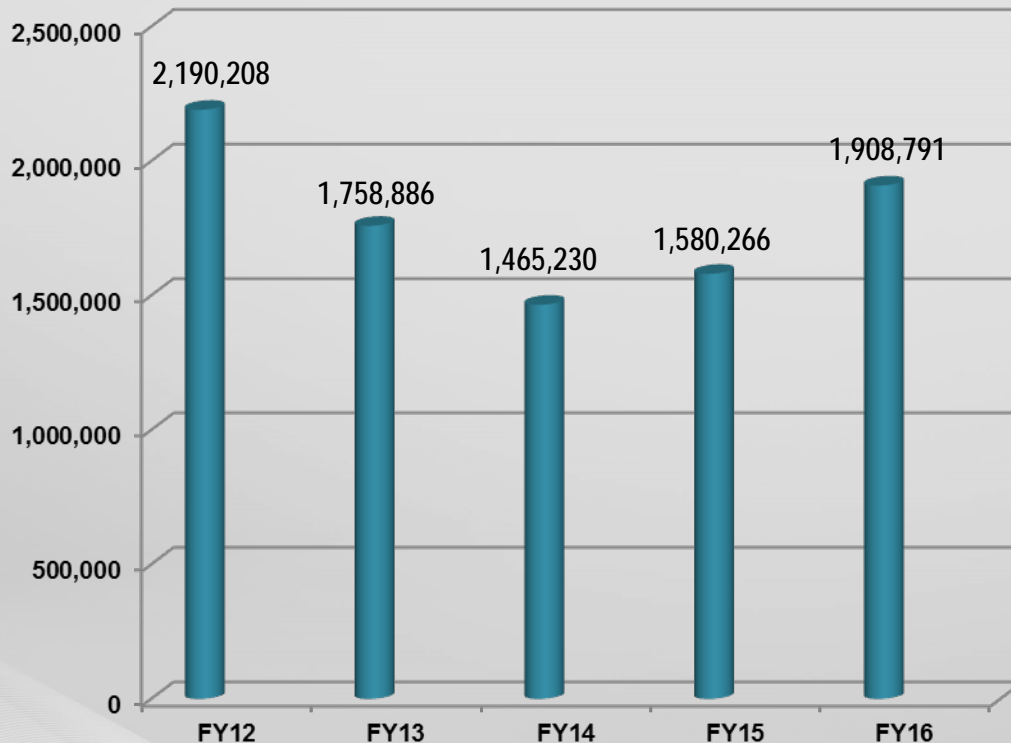
Does not include non MFP-11 in support of SOF

FY16 New RDT&E Starts

- Multi-mission Tactical Unmanned Aerial System (MTUAS)
- SOF Planning, Rehearsal, and Execution Preparation (SOFPREP)
- ISR Payload Technology Improvements
- Sensitive Site Exploitation
- SOF Combat Diving
- Dry Deck Shelter Modernization

Procurement Funding

PROCUREMENT TOTAL



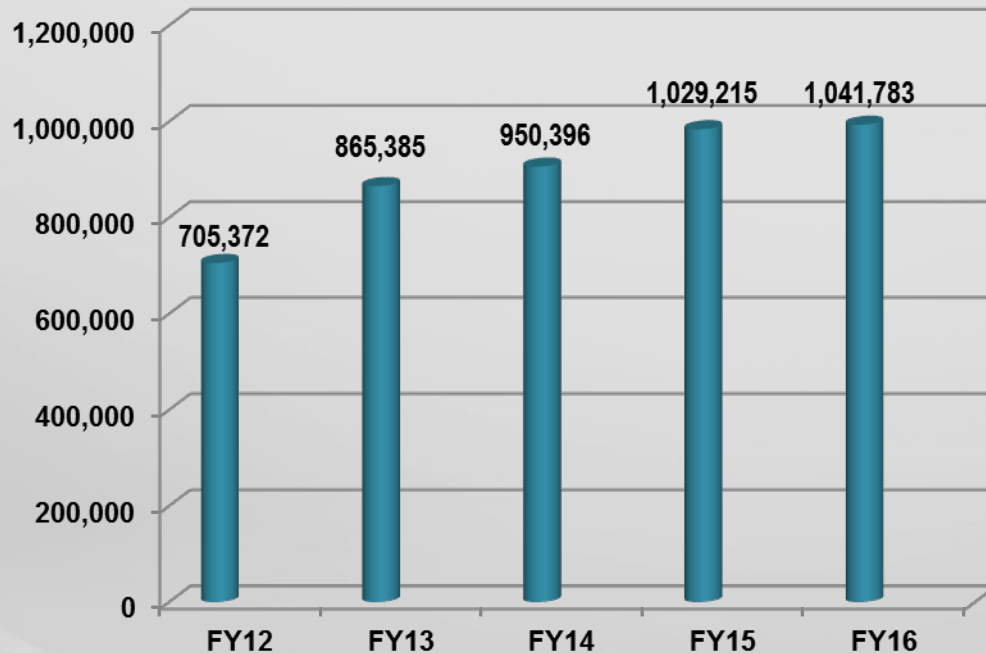
Does not include non MFP-11 in support of SOF

FY16 Proc New Starts

- Multi-mission Tactical Unmanned Aerial System (MTUAS)
- SOF Planning, Rehearsal, and Execution Preparation (SOFPREP)
- Integrated Survey Program
- Combatant Craft Heavy
- Internally Transportable Vehicle
- Infrared Countermeasures
- MH60 Block Upgrades

Sustainment Funding

**SOF AT&L-MANAGED EQUIPMENT
SUSTAINMENT O&M**



Does not include O&M for operations or from supplemental/OCO

FY16 Focus

- **Consolidate for efficiency where possible**
- **Ensure global responsiveness**
- **Synchronize requirements with future operational needs**
- **Look for divestment opportunities**

SOF Sustainment Enterprise Vision

Core Functions / Capabilities

Key Enablers

Policy

Process

People

Systems

**GAPS =
potential
opportunities!**

Product Support Management:

- Log Support to PMs
- Develop & Exercise PSM Construct
- Measuring and Reporting

Supply Chain Management:

- SOF-ICP
- Std Requisitioning Procedures
- Provisioning, Cataloging
- Enterprise Processes / Materiel Mgt

Property Management:

- Enterprise Property Accountability
- Enterprise Asset Management and Visibility
- Financial Improvement and Audit Readiness (FIAR)

Readiness Reporting:

- Authorizations Management
- Maintenance Management
- Status Reporting

Value Proposition

SORDOC
SPECIAL OPERATIONS
Research, Development, & Acquisition Center

Increase
Effectiveness

Increase
Efficiency

Enterprise
Visibility

Better
Decisions

Enterprise Integration

Who We Serve



Components

*Warfighters –
operating footprints
throughout the world*



TSOCS

Key Partners



DoD



Joint Staff



Services



DLA



Vendors /
Suppliers

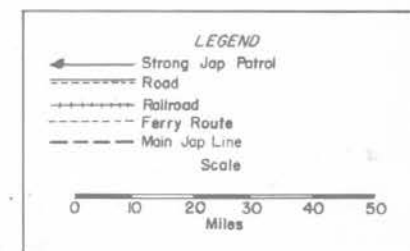
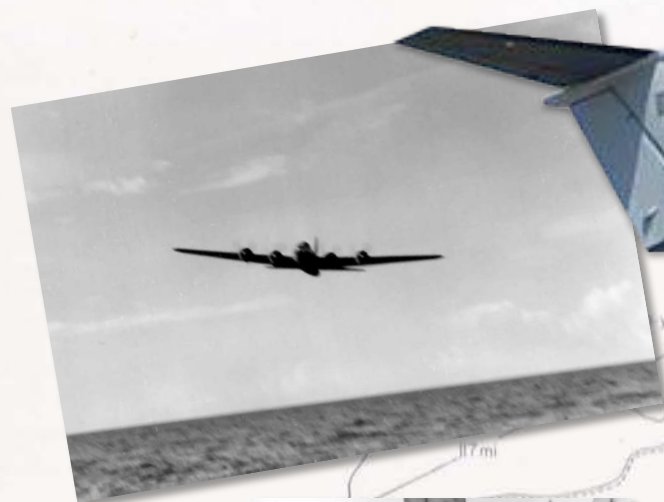
“If the rate of change on the outside exceeds the rate of change on the inside, the end is near.”

Jack Welch

A Rich Tradition of Innovation

Water Route — Chih Chiang to Hankow

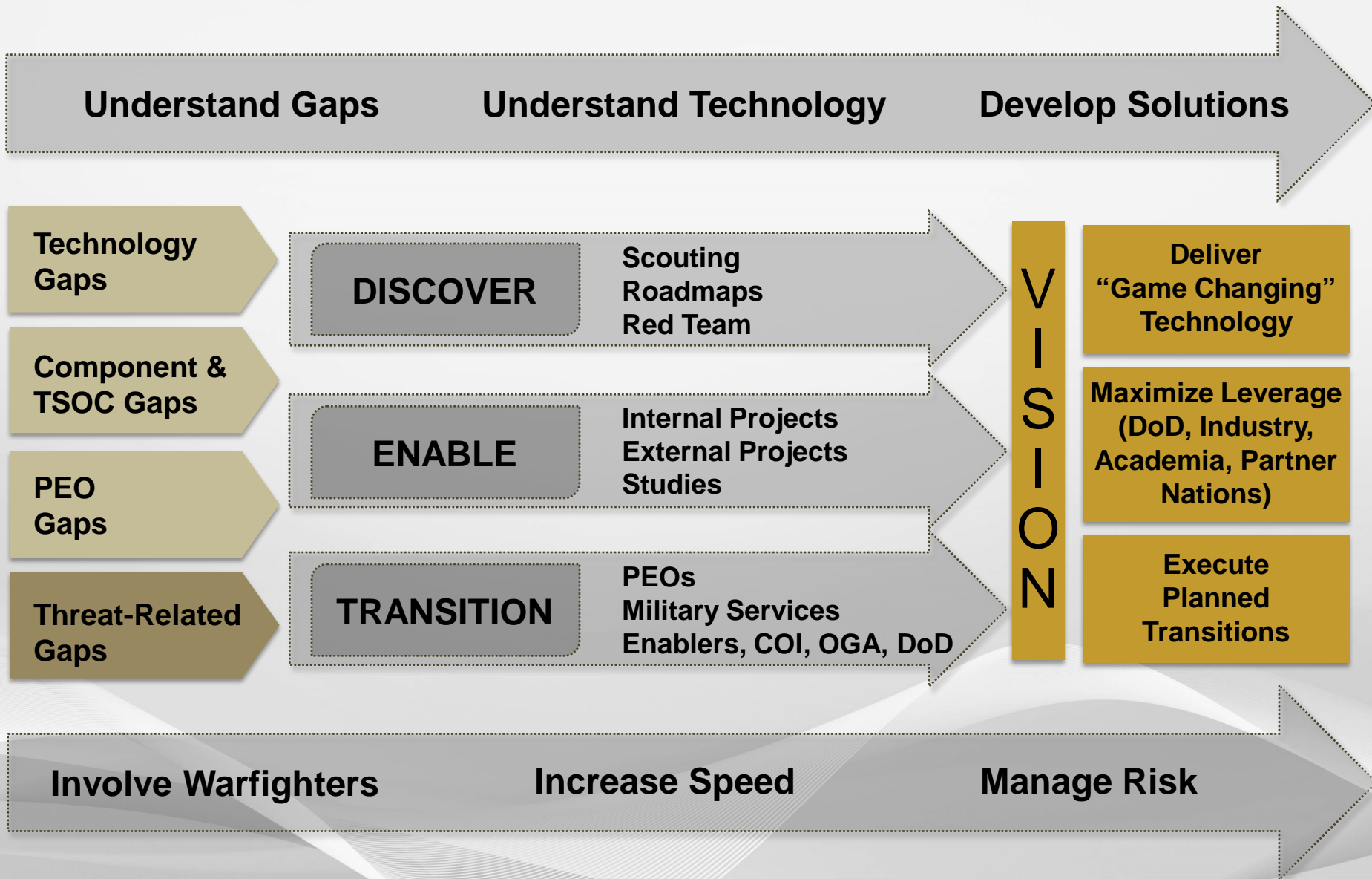
JAVA-MAN PROJECT



Drawn in R&A, Hq B Hq Det, OSS, APO 627
19 April 1945

SECRET

Planning for the Future



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)*

Enabled by Tools

Project Vulcan

Turn Everyone into a Sensor



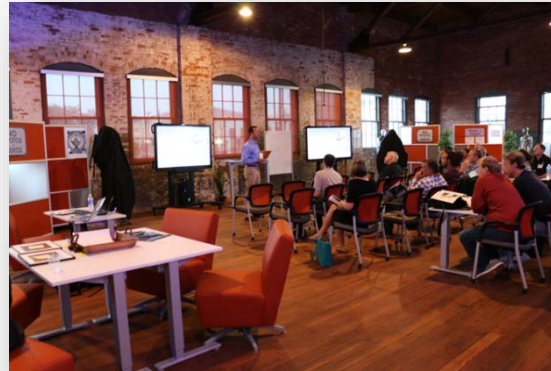
**Technical
Experimentation**



Industry Engagement

SOFWERX

Create Venues for "Return on Collisions"



S&T Council

Voice of Components/TSOCs

SOFIC

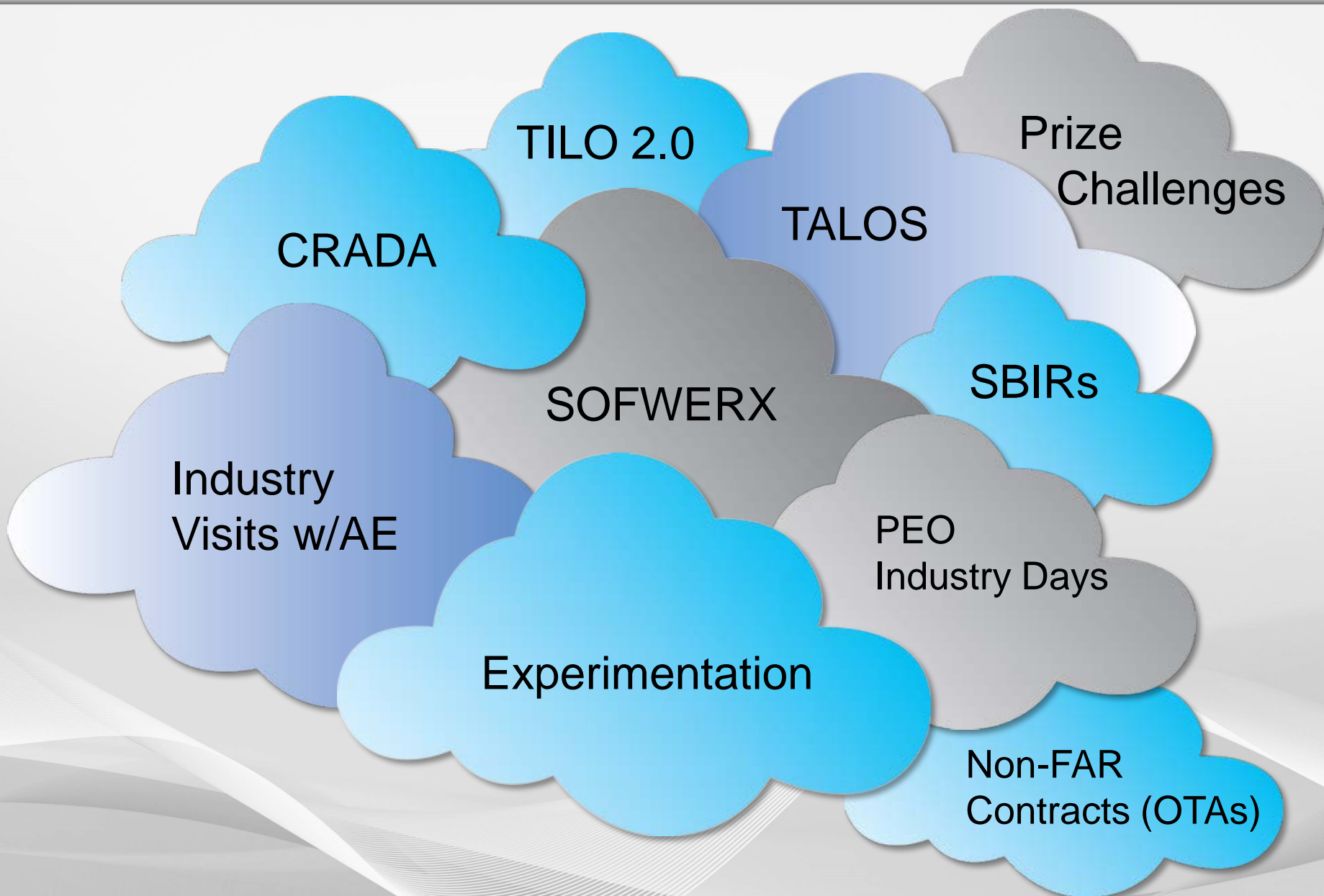


TILO 2.0



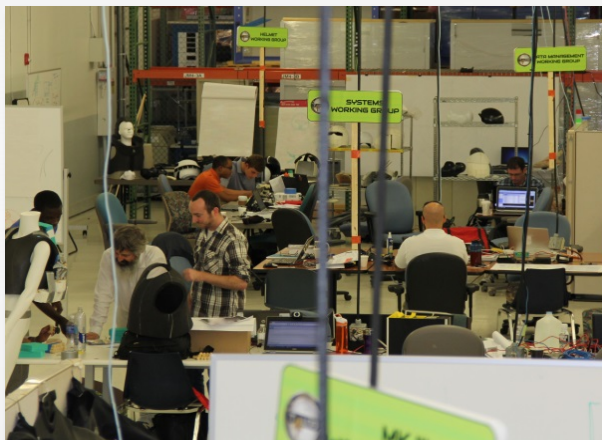
**PEO Technology
Insertion Roadmaps**
*Link What Components
Need to Execution*

Breaking Down Barriers

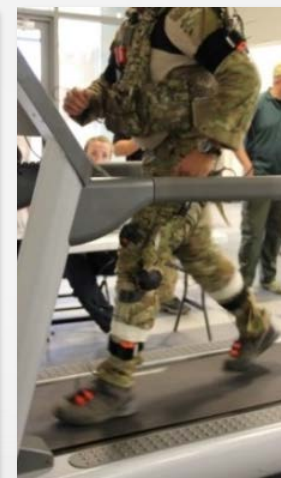
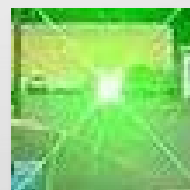


New Operating Models

TALOS Rapid Prototyping Environment (RPE)



Rapid Transition Opportunities



Field Trials



Thickening the Network

Innovation Thrives in a Marketplace



CO-INVENTION

THUNDERDOME EVENTS

Rapid Prototyping

Project Vulcan

Education with AT&L

Technology Awareness

Fellowship/Interns

WORKFORCE DEVELOPMENT

Industry Engagement

New Ways of Thinking

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

For Further Engagement

SMALL BUSINESS HELP

Christopher Harrington

Director, Office of Small Business Programs

Christopher.Harrington@socom.mil

813.826.9475

SUBMITTING PRODUCTS OR IDEAS

Shelvin Watts

Technology & Industry Liaison Officer

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

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BACK-UP

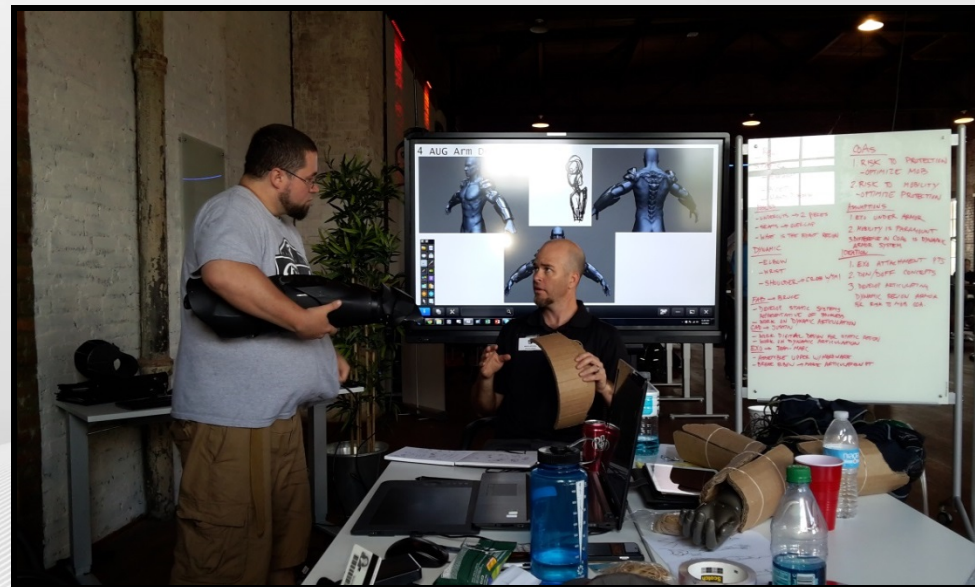
What is SOFWERX?

- SOFWERX is more than a building...
- SOFWERX is more than a meeting space...
- SOFWERX is more than a buzz word...

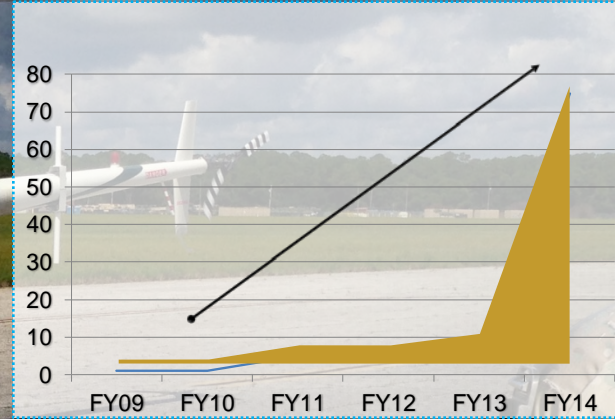


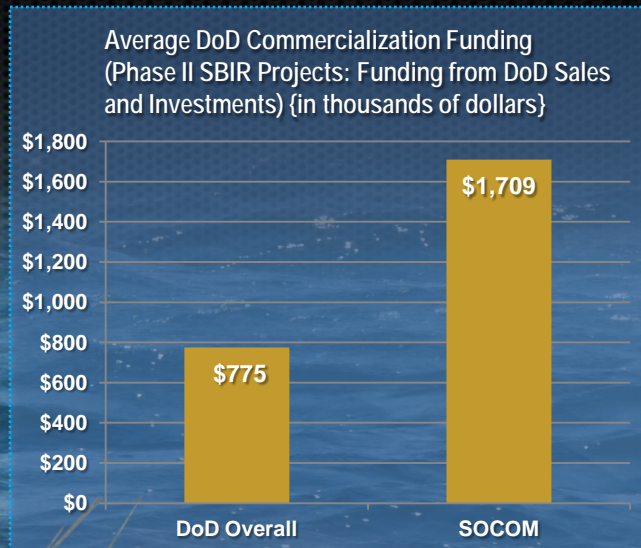
SOFWERX...

- Is a combustion chamber for innovation in SOF
- Promotes an agile development process



Cooperative Research and Development Agreements (CRADAs)





Light Weight Vehicle Components

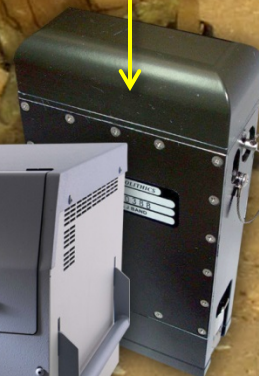
Ruggedized Digital Camera

Miniature Radio Frequency Antenna

Enhanced Antenna

Miniature Multi-Band Radar Beacon

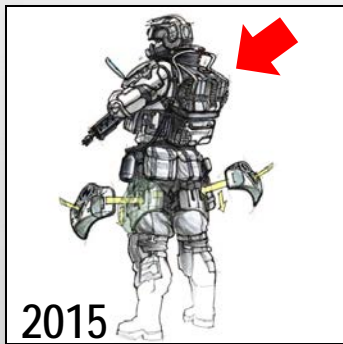
Rapid DNA



Prize Challenges



OPERATOR
INTERFACE



POWER &
ENERGY



SURVIVABILITY



Survivability
Power & Energy
Operator Interface
Mobility / Agility
Offensive Systems
Human Factors
C4I



New AT&L Partners

INTERNATIONAL ARMAMENTS COOPERATION AGREEMENTS



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

INTERNATIONAL AGREEMENTS / DIRECT COMMERCIAL SALES / FOREIGN MILITARY SALES

CV-22



ISR Platforms



MH-60M



GMV1.1

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

The Power of the Network

(SOF AT&L Gov't Network)

