

Special Operations Forces Industry Conference

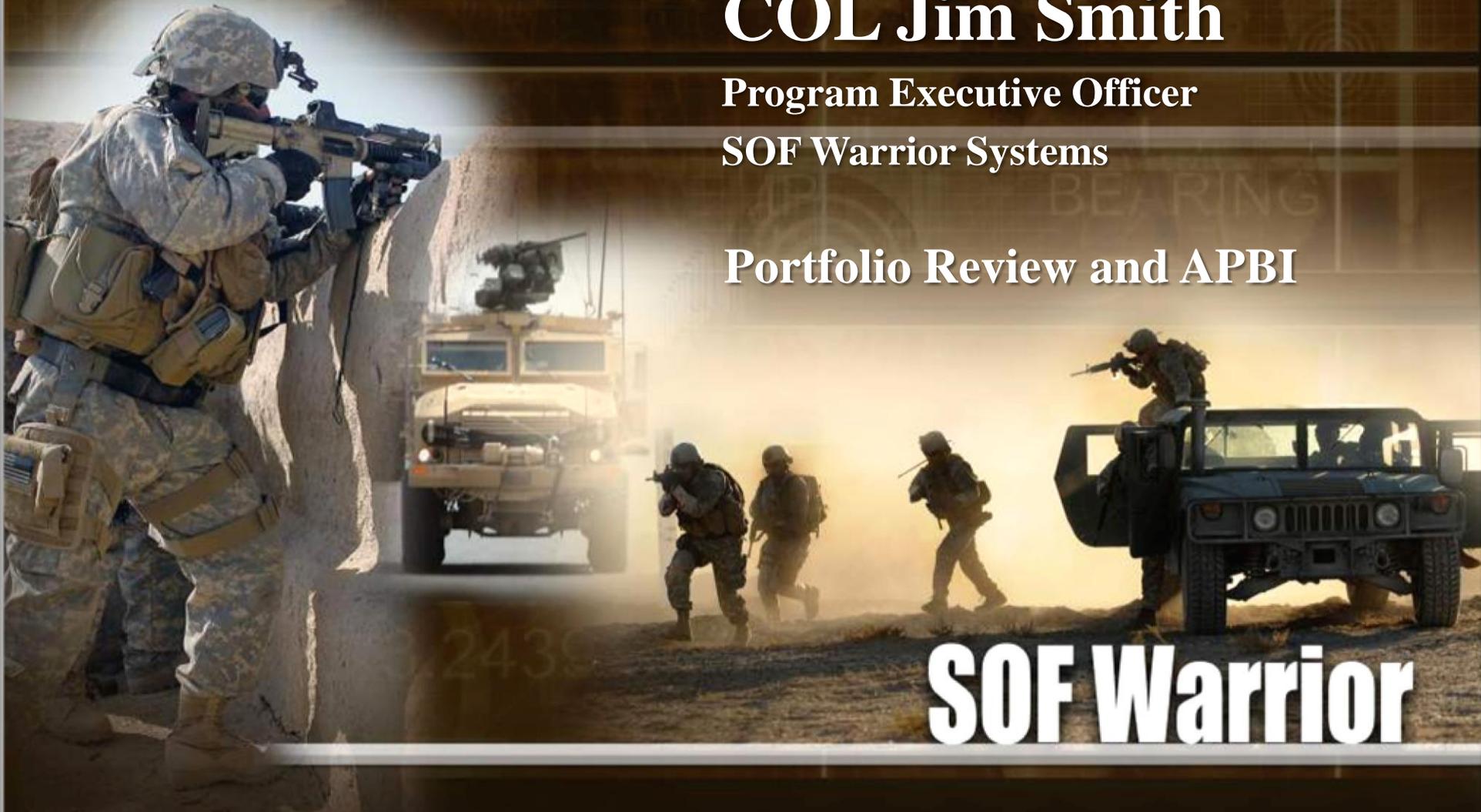


COL Jim Smith

Program Executive Officer

SOF Warrior Systems

Portfolio Review and APBI



SOF Warrior

Agenda

- Mission
- Organization
- Who We Are
- What We Do
- PEO Challenges
- Competitive Opportunities
- Technology Challenges
- Questions

SOF WARRIOR



Special Operations Research, Development and Acquisition Center (SORDAC)

Director/Acquisition Executive
Mr. Cluck

Deputy Director for Acquisition
Mr. Geurts

Military Deputy for Acquisition
COL Miller

Joint Acquisition Task Force
Agile Dagger – Mr. Fields
Dragon Spear – Maj Blausler

Directorates

Director of Resources & Analysis
Mr. Koufas

Director of Science & Tech
Mr. Shepherd

Director of Procurement
Col B ergo

Director of Acquisition Comptroller
Mrs. Iverson

Program Executive Offices

PEO Fixed Wing Col Richardson	PEO Maritime CAPT Blank
PEO Rotary Wing COL Rombough	PEO SOF Warrior COL Smith
PEO SRSE Mr. Richardson	PEO SOFSA COL Chyma
PEOC₄ Mr. Davis	

SOF WARRIOR



Acquisition Principles

- Deliver capability to the user expeditiously
- Exploit proven techniques and methods
- Keep Warfighters involved throughout the process
- Take risk and manage it!

ACCELERATE THE FORCE

SOF WARRIOR



PEO-SW

Mission

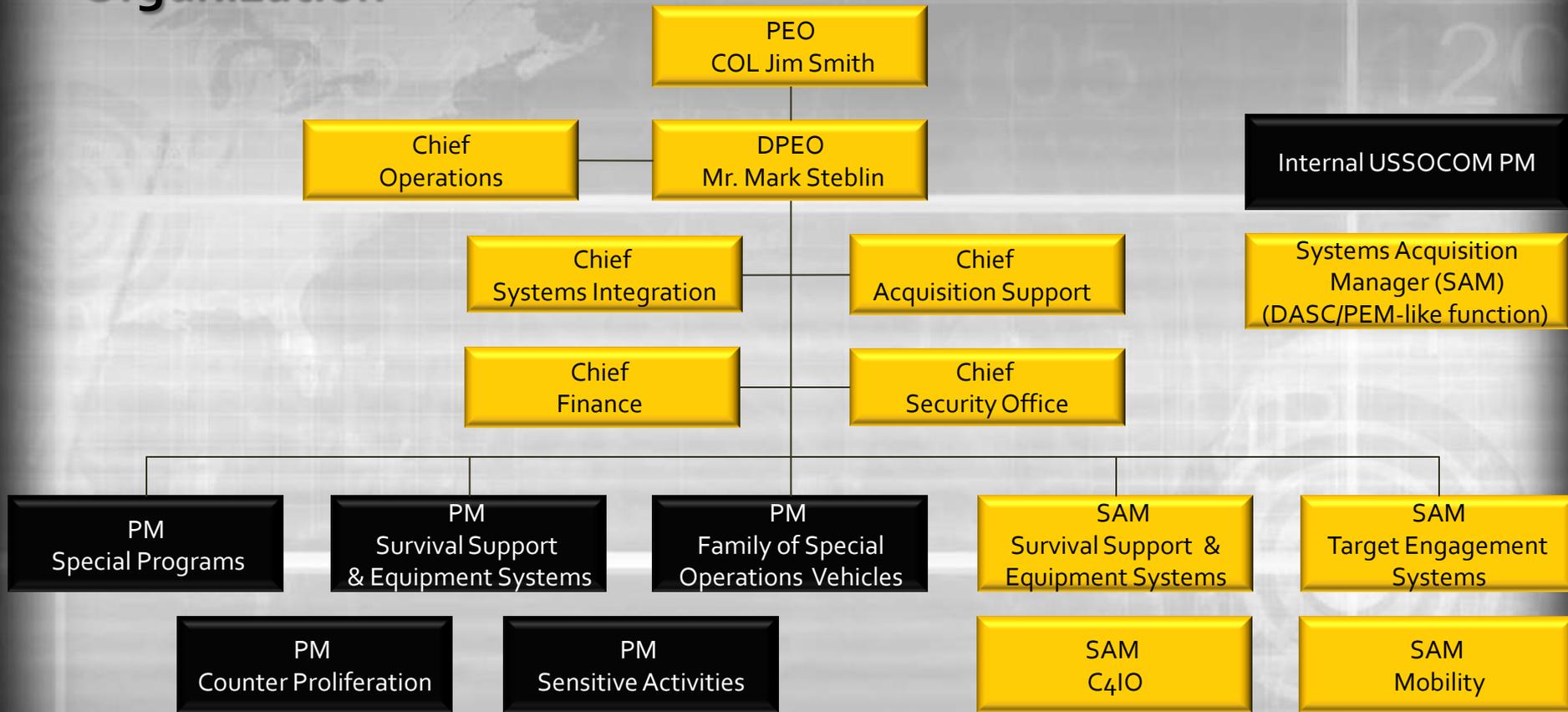
Provide rapid and focused acquisition of SOF-unique capabilities to USSOCOM operators conducting decisive ground SOF activities and global operations against terrorist networks

SOF WARRIOR



PEO-SOF Warrior Systems

Organization



SOF WARRIOR



PEO-SW

Who We Are

Mobility



Light Tactical All Terrain Vehicles



Individual All Terrain Vehicles



Non-Standard Commercial Vehicles



Ground Mobility Vehicle



MRAP-ATV



Counter RC-IED Electronic Warfare

Survivability



Combat Uniform & Helmets



Integrated Comms



Body Armor / Load Carriage System

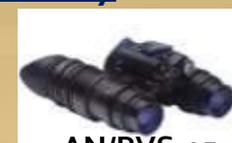


Combat Medic Kit



Casualty Evacuation

Lethality



AN/PVS-15 Night Vision Goggles



Combat Assault Rifle



AC-130 Ammo



Multi-Purpose Anti-Armor Anti-Personnel Weapon System



Handheld Laser Marker



MK13 Sniper Rifle w/ INOD



Demolition Kit



SOF Laser Acquisition Marker

SOF WARRIOR



Mobility: Family of Special Operations Vehicles



ATV



LT-ATV



GMV (Light)



SRATS



GMV (Heavy)



RG-31



RG-33



RG-33AUV



M-ATV



NSCV

- SOF Unique
 - Individual and Lightweight Vehicles
 - Single Seat 4x4 All Terrain Vehicles
 - Side-by-Side 4x4 All Terrain Vehicles
 - Medium Weight Vehicles
 - Specialized Reconnaissance Assault Transport System
 - GMV1.1: Internally Transported Vehicle development
 - Non-Standard Commercial Vehicles
- SOF Mods to Service Common
 - Ground Mobility Vehicle (HMMWV)
 - MRAP Family (RG-31, RG-33, AUV, MATV)

SOF WARRIOR



Survivability: Survival Support & Equipment Systems



- Helmets and Mounts
- Ballistic Armor :
 - Body Armor
 - Soft Armor
 - Load Carriers
- Combat Uniforms
- Eye protection and Headsets
- Medical:
 - Operator and Medic Kits
 - Casualty Evacuation Kits



SOF WARRIOR



Lethality: Target Engagement Systems



AN/PVS-15 Night Vision Goggle
w/ Clip-on Thermal Imager

- **Visual Augmentation Systems**
 - Helmet Mounted: PVS-15A, Clip-On Thermal Imager, Digital Fusion Goggles, Panoramic
 - Weapon Mounted: Clip-On Night Vision Devices, Direct Optic Magnified Sights, Red Dot Aiming
 - Handheld: Thermal Imagers, Laser Markers



Handheld
Laser Marker



SOF Laser
Acquisition Marker

- **Weapons and Accessories**
 - Combat Assault Rifles
 - Machine Guns
 - Sniper Rifles
 - Laser Pointers, Illuminators, and Suppressors



Combat Assault Rifle



MK13 Sniper Rifle w/ INOD

- **Ammunition, Demolitions and Breaching**
 - Small Caliber Ammunition
 - Shoulder Fired Systems
 - Aviation Ammunition
 - Demolition kit



Advanced Lightweight
Grenade Launcher



Multi-Purpose Anti-Armor
Anti-Personnel Weapon System

SOF WARRIOR



PEO-SW

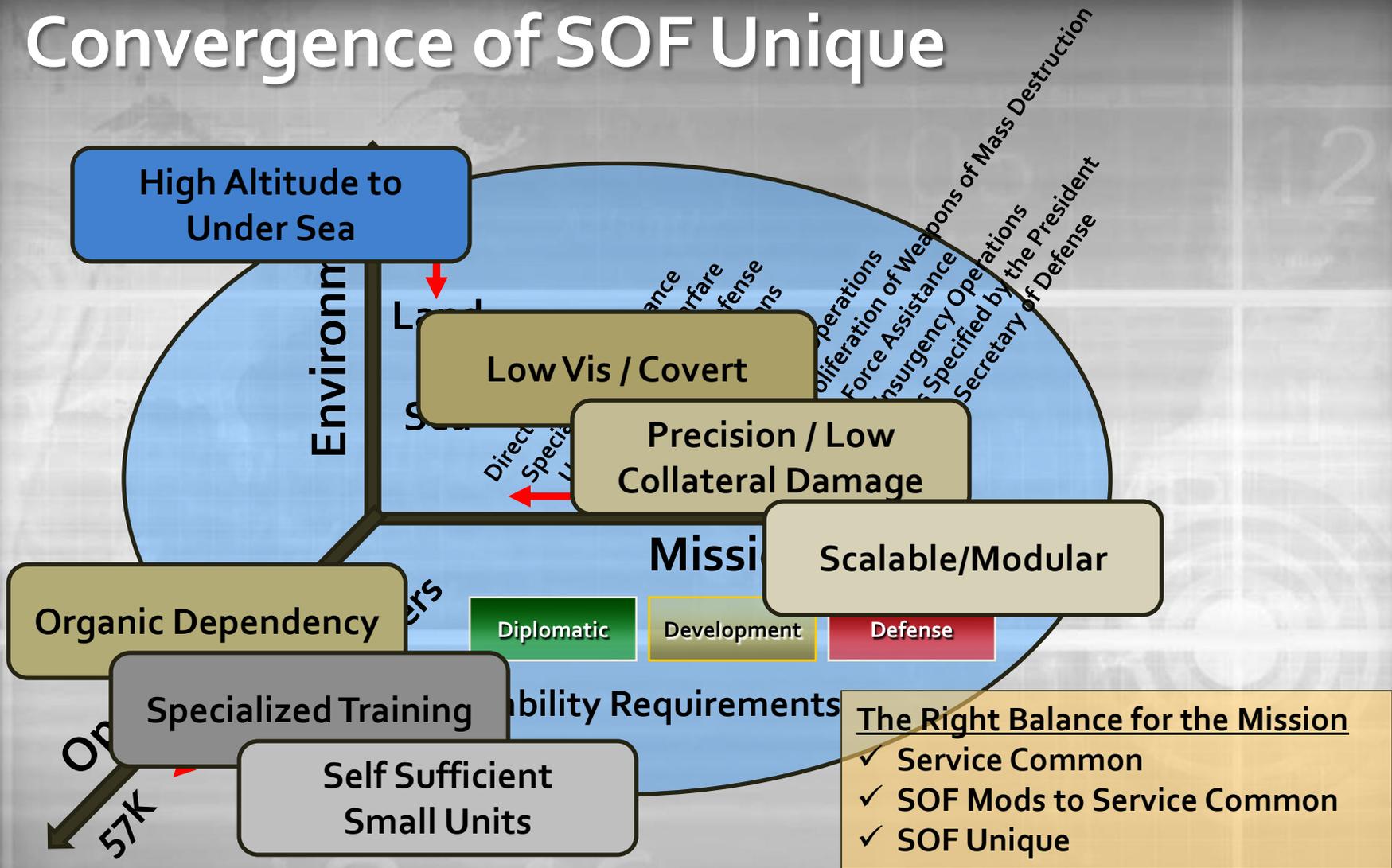
What We Do (1 Year Snapshot)

- **Number of Contracts/Orders: 500+; Percent Competitive: ~44%**
 - Handheld Laser Marker (\$75M, IDIQ, 3 Years)
 - Long Range Ground Mobility Visual Augmentation System (\$40M, IDIQ, 1 Year)
 - Maritime Assault Suit System (\$5M, IDIQ, 5 Years)
 - Tactical Combat Casualty Care – Casualty Evacuation Set (\$49M, IDIQ, 5 Years)
 - Systems Technical Support for FSOV (\$25M, IDIQ, 5 Years)
 - Non-Standard Commercial Vehicles (\$41M, IDIQ, 1 Year)
- **Funds Executed:**
 - RDT&E \$79M
 - PROC \$615M
 - O&M \$362M
- **Equipment Fielded (Approximate/Year):**
 - SOF Combat Weapons 3,500+
 - SOF Weapons Accessories 28,000+
 - Visual Augmentation Devices 8,000+
 - SOF Vehicles 450+
 - Survival Support Equipment Systems 83,000+

SOF WARRIOR



Convergence of SOF Unique



SOF WARRIOR

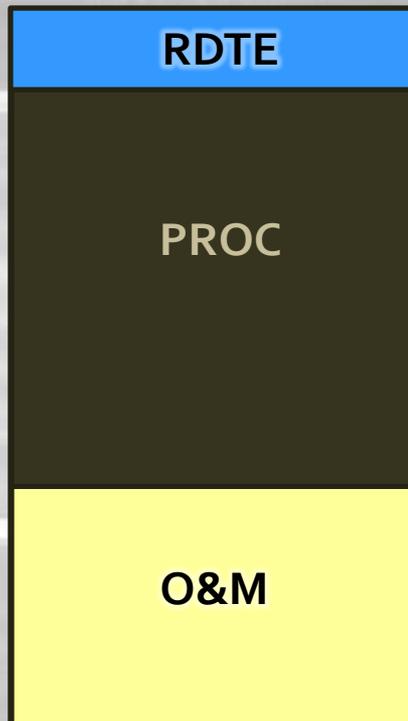
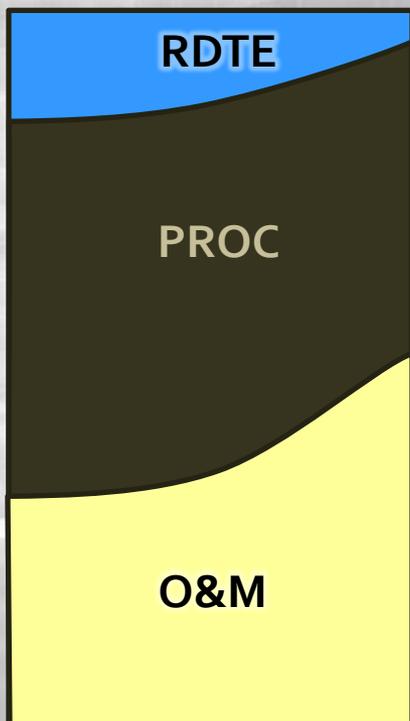


PEO Challenges

Current Profile

Desired Profile

Risk Mitigation Focus Areas



← National-to-Theater Transitions

← SOF-unique to Service-Common

← Control Sustainment Costs

MFP-11
Obligation
Authority
\$

FY

FY

SOF WARRIOR



Opportunities: Next 12-18 Months

Survivability (SSES)

- Ballistic Plate
- Body Armor Vest
- Soft Armor
- Modular Supplemental Armor Protection (Extremity Protection)
- Eye Protection (Spectacles and Goggles)
- Protective Combat Uniform
- Backpack Suite
- Load Carriage Systems (various)
- MICH Communications Headset (Land Comms)
- Maritime Communications
- Visual Augmentation System (VAS) Mounts for Night Vision Goggles

Lethality (TES)

- Binocular Night Vision Devices
- Improved Night Observation Device (Sniper Sights)
- Spot-Recognition Device
- Precision Sniper Rifle (MK13 Replacement)
- Foreign Nonstandard Materiel
- Enhanced Carbine Optical System (long range)
- Enhanced Carbine Optical System (close range)

Mobility (FSOV)

- All Terrain Vehicles
- Ground Mobility Vehicles
- Non-Standard Commercial Vehicles

SOF WARRIOR



Technology Challenges

Integrated Systems

- Reduced Size Weight and Power (SWaP)
- Integrated NVG & Weapon Sights, Communications, Power Supply
- Load: Body Armor, Radio Antennae
- Power: Rechargeable, Renewable, Lightweight, Long Endurance, System Level Power Management
- Vehicle: C4ISR, CROWS, NAV, FBCB2

Signature Reduction/Management

- Soldier: Low Visibility (I2, IR) in Battlespace, Concealable Armor and Individual Equipment Kit, Improved Survivability through Far-Forward Medical Care
- Weapons: Flash and Bang, Alternative to Near-IR Laser Pointers for Night Aiming
- Vehicles: Low Visibility Kits for Discrete Operations

SOF WARRIOR



Technology Challenges (cont)

Survivability

- Soldier: Light, Flexible, Increased Area of Coverage, Multi-spectral Laser Protection for Combat Eyewear, Concealable, Improved Personal Signature Management
- Vehicle: Transparent, Lightweight, Increased Visibility/SA, Survivable Tires

Improved Situational Awareness

- Beyond I2 Tubes
- Regain “the Night” and Covert Operations

Wireless Technology

- Secure and Hardened
- Helmet and Weapon Sight Integration
- Tactical Video & Comms
- Multi-channel; Interoperable (Vehicle and Dismounted)

SOF WARRIOR



Questions



SOF WARRIOR

