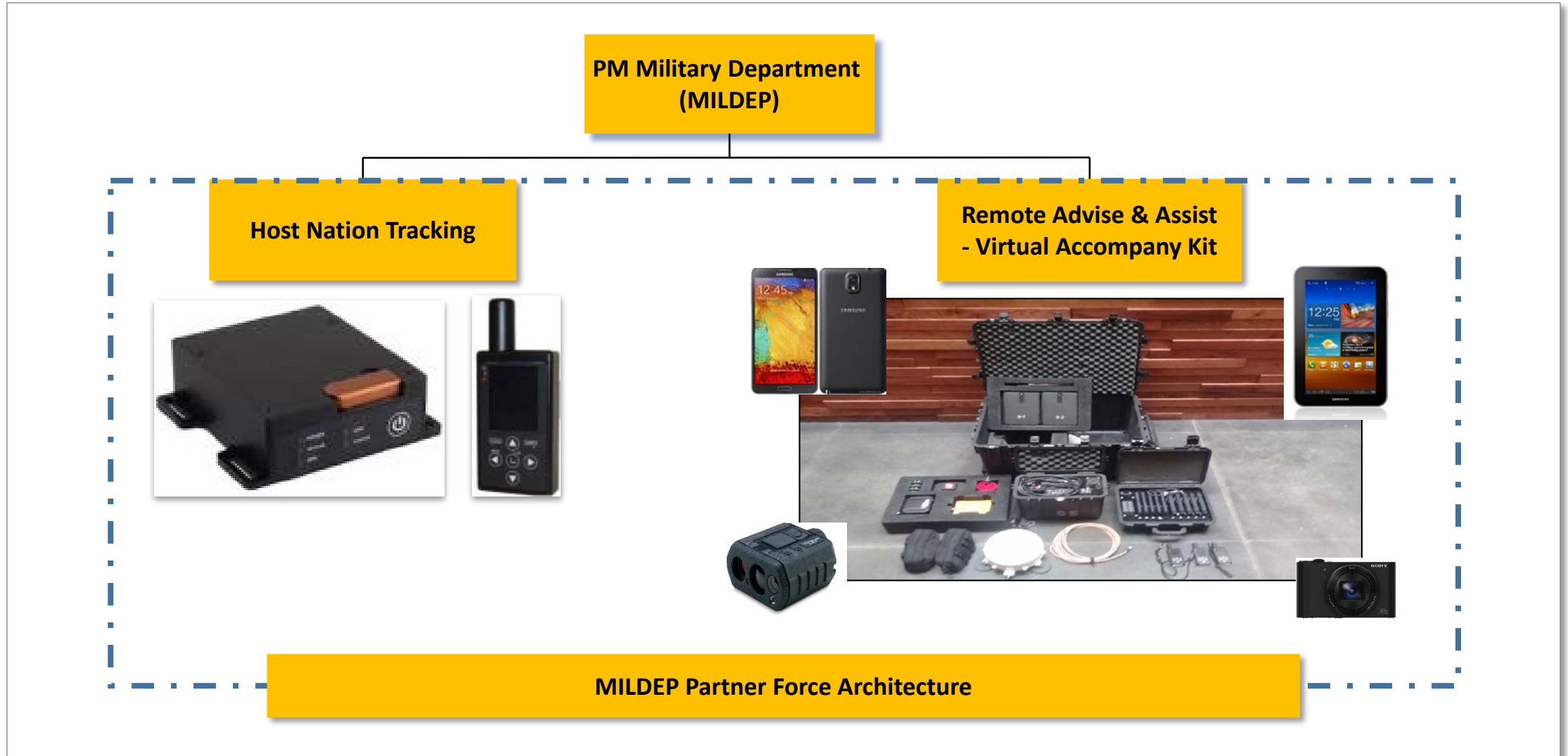# SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE
Accelerating SOF Innovation

Ms. Damian Guinn *Program Manager*
MILITARY DEPARTMENTS (MILDEP)

Program Manager
Military Department

PM Military Department
(MILDEP)

Host Nation Tracking

Remote Advise & Assist
- Virtual Accompany Kit

MILDEP Partner Force Architecture

Program Manager
Military Department

Fielding to Components
- **Continuously Tailored**
- **Two/Three Annual Increments**

MILDEP Priorities
- **Provide Partner Forces with a tactical picture that SOF can monitor while maintaining seamless connectivity, situational awareness, and mutual support - outside the effective range of small arms fire.**

MILDEP Portfolio
- **Host Nation Tracking devices**
- **RAA-VAK Kits**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
• Middle Tier Acquisitions • COTS (and modified versions)	• Deliver Capability Within 90-Days to one Year of Award (Norm)	• Kit Selection semi-annually • NET Continuously • Technical Insertion to Maintain Relevancy

OPPORTUNITIES	FUNDING	CURRENT CONTRACT/OEM
• Technology & Industry Liaison Office • CRADA's • Prize Challenge • Technical Experimentation	• Combat Mission Needs Resourcing • TSOC/Component Internal O&M • Baseline Funding Initiates FY21	• T-REX Multiple Award IDIQ Contract • SPAWAR Afghan National Tracking and Host Nation Tracking Support contracts • Multiple OEMs – Contact TILO

Host Nation Tracking

- **Iridium based network provides near real-time location and identification data, emergency beacon and tactical display to communicate with SOF Teams.**
- **Displays data on Google Earth using a Partner Force Network.**
- **Data feeds into Blue Force Tracker (BFT), Ringtail, Global Command and Control System (GCCS), Google Earth for Coalition Forces and additional databases.**
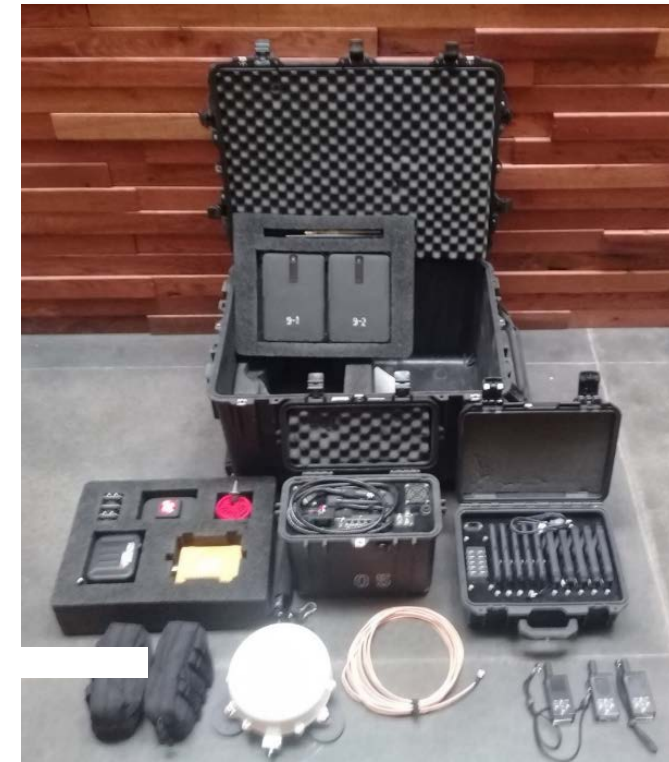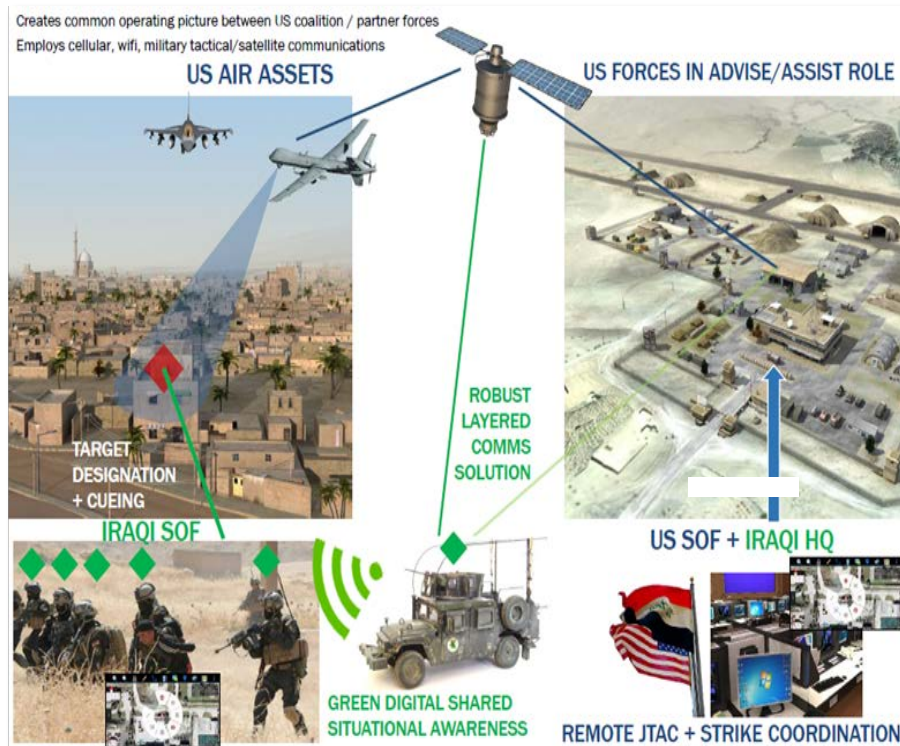

Mi-25/Mi-35

C-130

MSFV

Remote Advise Assist-Virtual Accompany Kit

- Creates common operating picture between US Coalition/ Partner Forces by employing commercial cellular, Wi-Fi, and military tactical/satellite communications
- Nation specific cellular phones and tables

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General Considerations

- **Simplicity**
- **Cost Effective**
- **Average User – Host Nation Partners, Education Levels Varied**
- **Software**
  - Non-Proprietary
- **Training Accomplished in One Eight-Hour Session**
- **Ruggedized (*MIL STD 810-G*)**
- **Logistics**
  - Shipping and Storage
  - DOT Compliant (Lithium Ion Batteries, etc…)
  - Shelf Life

Operational Requirements

- **Direction, advice, and assistance remotely**

- **Maps, Imagery, Location**

- **Enable Partner Nations**

- **Austere environment**

- **ITARs Compliant**

- **Simple**

Capability Insertion Opportunities

- **Wireless Mobile Devices for Denied GPS Locations.**

- **Stand-off/Remote Operations.**

- **Ensuring integrity and confidentiality of data transmissions.**

- **Translation Messaging and Push to Talk.**