SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE
Accelerating SOF Innovation

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Host Nation Tracking

Remote Advise & Assist - Virtual Accompany Kit

MILDEP Partner Force Architecture
**Program Manager**  
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### 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.

### ACQUISITION STRATEGY
- Middle Tier Acquisitions
- COTS (and modified versions)

### PERIOD OF PERFORMANCE
- Deliver Capability Within 90-Days to one Year of Award (Norm)

### MILESTONES
- Kit Selection semi-annually
- NET Continuously
- Technical Insertion to Maintain Relevancy

### OPPORTUNITIES
- Technology & Industry Liaison Office
- CRADA’s
- Prize Challenge
- Technical Experimentation

### FUNDING
- Combat Mission Needs Resourcing
- TSOC/Component Internal O&M
- Baseline Funding Initiates FY21

### CURRENT CONTRACT/OEM
- 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.
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
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.