SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

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MILITARY DEPARTMENTS (MILDEP)
PM MILDEP Partner Nation Tracking

- **Program Challenges**
  - Remote Advise and Assist and Host Nation Force tracking provides a technical solution when direct boots-on-the-ground advisory missions are inappropriate or infeasible
  - Partner Force Commanders require technical and tactical assistance
  - SOF Assistance Team require a technical capability to provide this assistance

- **Current Material Solution**
  - 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 Host Nation network and TAK monitoring tools.
  - Data feeds into Blue Force Tracker (BFT), Ringtail, International Forces Tracking System (IFTS), Interim Geo-Spatial Intelligence Tool (iGeoSIT), Command Post of the Future (CPOF), Global Command and Control System (GCCS), and Google Earth for Coalition Forces

- **Outcome**
  - Allows SOF Operators to interact with their Partner and Host Nation Forces Remotely
  - Provides Remote visibility of their Battle Space and allows coordination between Partner Forces
  - De-conflicts Blue on Green Fires
  - Provides nomination of targets and actionable intelligence from Coalition and SOF Teams
Operational Requirements

- US forces capable of providing direction, advice, and assistance while not physically present with Partner Nation (PN) forces.
- US forces capable of receiving PN video/still imagery and geographic location supporting ‘Positive Identification’ requirements.
- PN enabled to provide mutual support to other PN elements.
- Able to operate in austere environment lacking reliable power, communications and/or network infrastructure.
- Components compliant with ITARs and Department of Commerce restrictions.
- Components procured with funding that is authorized for divestiture.
- Easy to operate by PN forces and does not require lengthy training time.
Types of Equipment

- Two types of devices used for tracking NAL Shout Nano and 9602
- Nation specific cellular phones and tables
- Both devices have a provision to transmit an emergency message.
- Beginning a pilot transition to DISN Network.
Aircraft Installations

- C-130
- C-208
- MD-530
- Mi-17
- A-29
- UH-60
- Mi-8
- Mi-25/Mi-35
- PC-12
Aircraft Installations

MSFV

HMMWV

RANGER
Remote Advise Assist Kit Fielding

The Kit Includes the Following Components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport Case</td>
<td>1</td>
</tr>
<tr>
<td>Data Island Case</td>
<td>1</td>
</tr>
<tr>
<td>Charging Station</td>
<td>1</td>
</tr>
<tr>
<td>Samsung J8 (Unlocked)</td>
<td>5</td>
</tr>
<tr>
<td>External Portable Battery Pack (5)</td>
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</tr>
<tr>
<td>Samsung Tab 3 (2)</td>
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<tr>
<td>Laser Range Finder</td>
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<tr>
<td>Plantronix Bluetooth Headset (5)</td>
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<tr>
<td>Cellphone Repeater/Signal Booster (1)</td>
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<tr>
<td>SHOUT Nanos (3)</td>
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<tr>
<td>Sony Cyber Shot Camera</td>
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<tr>
<td>GPS Receiver (2)</td>
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<tr>
<td>Carbon-Fiber Monopod</td>
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<tr>
<td>BGAN Terminal (1)</td>
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</tr>
<tr>
<td>10-Port Rapid Charger</td>
<td>1</td>
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<tr>
<td>Intel Desktop Computer</td>
<td>1</td>
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</tbody>
</table>

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Capability Insertion Opportunities

• Wireless Mobile Devices for Denied GPS Locations

• Stand-off/Remote Operations

• Translation Messaging and Push to Talk
General Considerations

- Average User – Host Nation Partners, Education Levels Varied
- Software
  - Non-Proprietary
  - Compliant w/ Intelligence Community Databases
- Ruggedized *(MIL STD 810-G)*
- Reduce User Workload
- Training Accomplished in One Eight Hour Session
- Logistics
  - Shipping and Storage
  - DOT Compliant (Lithium Ion Batteries, etc...)
  - Shelf Life