



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

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Mr. Richard Huber *Program Manager*

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.



9602



SHOUT NANO



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:

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

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