

SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

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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

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Aircraft Installations



















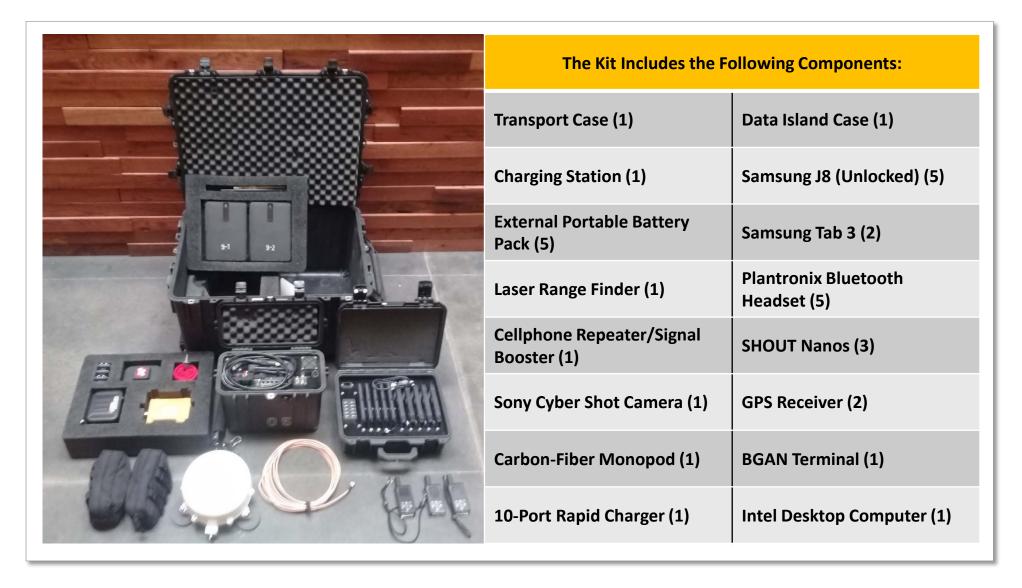
Aircraft Installations







Remote Advise Assist Kit Fielding



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