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Transport Systems Division Chief

C4 COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS
Transport

- Wide Band SATCOM On-The-Move
- Deployable/mobile 3G/4G/LTE/Wi-Fi/Wi-max infrastructure
- Next generation crypto products
- Next generation baseband products
- Mobile SOF Strategic Entry Point (MSSEP) requirements
- Full Motion Video (FMV) Transport Infrastructure
Mobile SOF Strategic Entry Point (MSSEP)

Requirement: SDN-H CPD, 9 Jan 09

• Provides theater with deployable SSEP capability
• Quad-band capable (X, C, Ku, Ka band) Light Weight, Medium Aperture Antennas
• Unclassified and classified voice, data, VTC, and video services
• Video storage, VTC bridge, and switching capabilities
SATCOM On the Move (SOTM)

Requirement: SDN-M CPD, 16 Jan 07
- High bandwidth, SATCOM, Transport Capability
- Secure voice, data, and FMV situational awareness
- Desired
  - Modular and tailorable packaging
  - Non-invasive
  - Low profile
- SOF Information Environment reach-back from a mobile platform
- IP-based technology
- Variants
  - Wideband SOTM-Afloat
  - Wideband SOTM-Ground
SCAMPI Future Technologies

Requirement: SCAMPI CPD
- Implementation of IPv6
- Everything over IP (EoIP) VTC
- Quality of Service for Network
- Standard Acceleration support
- Network Boundary Defense
- Secure Voice, Data, and FMV situational awareness
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Tactical Comms Division Chief

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Tactical Comms

- Blue Force Tracking (BFT) coverage and form factors
- Next Generation Tactical C3I (NGTC3I)
- Network extension and flexibility
- Hand-held device size and capability
- Mobile computing devices, infrastructure, and App capabilities
NGTC3I

- Next Generation Tactical C3I
  - Will provide next generation radios to meet requirement for five form factors under STC (MP, HF, HH, IND, MCD)

- Interim Solution
  - USSOCOM CIO memo of April 2010
  - Follow-on contracts awarded in April 2012

- Several Cooperative Research and Development Agreements (CRADA)

- Plan to release second RFI late-FY12 / early-FY13
  - RFP later FY13 based on RFI results
JTCITS

- Revised CPD in staffing
- Secure Wireless Mobile Ad-hoc Networking (MANET) RFI to be posted in FEDBIZOPS in Apr 2012
  - Man-portable, Airborne, and Fixed
  - High throughput (up to 30 Mbps) wireless network without relying on existing fixed infrastructure
  - Multiple bands
  - Software configurable
- Developing acquisition strategy for FY13 procurement based on final CPD and FY12 RFI responses
Mobile Computing Initiative

• Provide SOF users secure access to SIE, SOF Apps, and data via
  – Authorized App repository and data sources
  – COTS smart device through commercial and US Government wireless networks

• Expanding BlackBerry and Playbook capabilities to reflect current DISA STIG
  – Experimentation and Testing of Capabilities
  – Evaluate Mobile Device Management Applications
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Tactical Comms Division Chief

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