SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Command, Control, Communications, and Computers

Mr. Tony Davis
PEO C4

C4 Portfolio Overview

UNCLASSIFIED

Command, Control, Communications, and Computers

TACTICAL COMMS

SOF Tactical Comms

Blue Force Tracking

Fly-Away Broadcast System

Joint Tactical C4I Transceiver System

Next Generation Loudspeaker System

Advanced Special Operations Management System

Mobile Communications Initiative

ENTERPRISE NETWORKS

C4 and Intelligence Automation Systems / Special Operations Command Research, Analysis, and Threat Evaluation System Distributed Data Center

Media Production Center

Military Information Support Operations-Print

Civil Affairs Data Management Processing System

Military Information Support Operations-Enterprise

TRANSPORT

SCAMPI **(not an acronym)**

SOF Deployable Nodes / Product Distribution System / Mobile SOF Strategic Entry Point
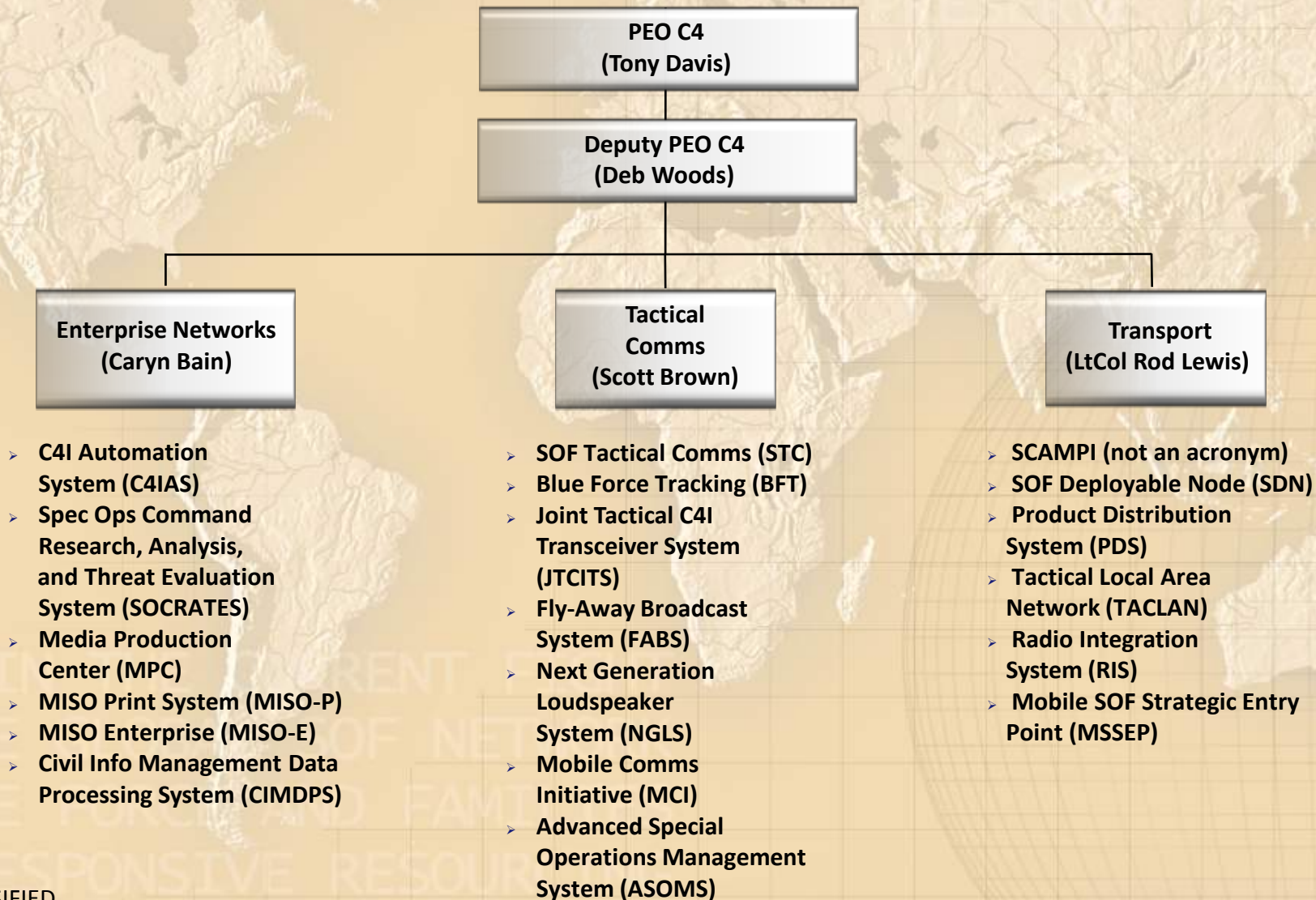
Tactical Local Area Network
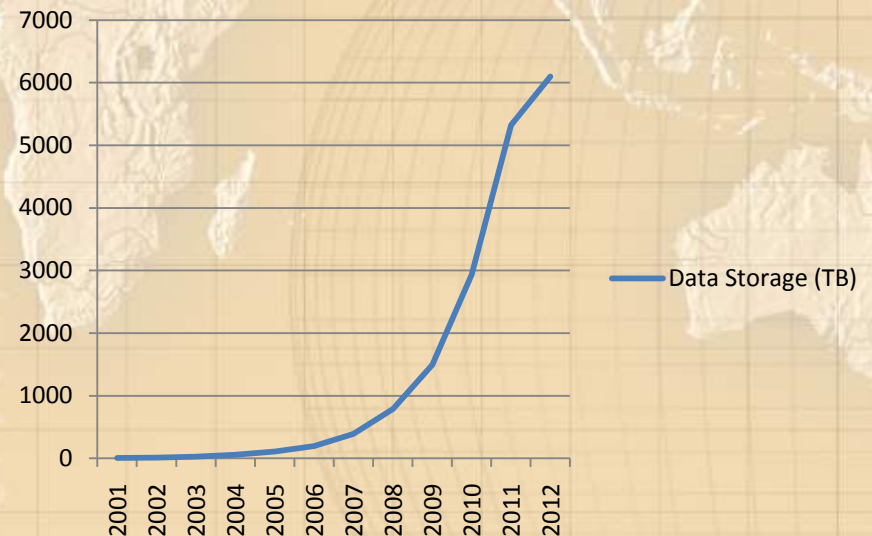
Radio Integration System

Org Chart

PEO C4
(Tony Davis)

Deputy PEO C4
(Deb Woods)

Enterprise Networks
(Caryn Bain)

Tactical Comms
(Scott Brown)

Transport
(LtCol Rod Lewis)

Enterprise Networks (Caryn Bain)
- C4I Automation System (C4IAS)
- Spec Ops Command Research, Analysis, and Threat Evaluation System (SOCRATES)
- Media Production Center (MPC)
- MISO Print System (MISO-P)
- MISO Enterprise (MISO-E)
- Civil Info Management Data Processing System (CIMDPS)

Tactical Comms (Scott Brown)
- SOF Tactical Comms (STC)
- Blue Force Tracking (BFT)
- Joint Tactical C4I Transceiver System (JTCITS)
- Fly-Away Broadcast System (FABS)
- Next Generation Loudspeaker System (NGLS)
- Mobile Comms Initiative (MCI)
- Advanced Special Operations Management System (ASOMS)

Transport (LtCol Rod Lewis)
- SCAMPI (not an acronym)
- SOF Deployable Node (SDN)
- Product Distribution System (PDS)
- Tactical Local Area Network (TACLAN)
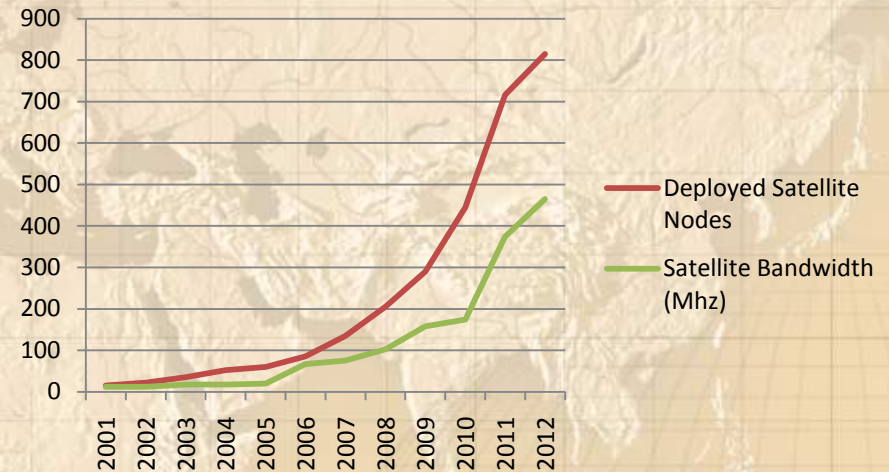- Radio Integration System (RIS)
- Mobile SOF Strategic Entry Point (MSSEP)

Increasing Demand/Complexity

- **Big pipe and multiple classifications to small teams in austere locations**

- **Enterprise services to TSOCs and deployed forces supporting COCOMs**

- **Video and other big data critical to decision making/situational awareness**

Chart legend: Deployed Satellite Nodes; Satellite Bandwidth (Mhz)

Chart legend: Data Storage (TB)

UNCLASSIFIED

Tactical SATCOM

- Wide Band SATCOM On-The-Move (SOTM)
  - **High bandwidth, SATCOM ,Transport Capability**
  - **Secure voice, data, and FMV situational awareness**
  - **Modular and tailorable packaging**
  - **SOF Information Environment reach-back from a mobile platform**
  - **IP-based technology**
- Deployable/mobile 3G/4G infrastructure
- Next generation crypto products
- Wideband SOTM-Ground capability

Maritime Operations

- USS Ponce
  - **Dedicated Afloat Forward Staging Base**
  - **Shared multi-mission platform**
- SOF requirement for dedicated pipe > existing shipboard comms
- Roll-on, roll-off capabilities for multiple Navy/USMC platforms

Tactical Comms

- **Software-defined radios with SOF-unique applications**
  - **Type-1 encryption**
  - **Handheld/manpack/fixed mount/individual**
  - **Network extension and flexibility, IPv6**

- **FY13 Next Gen Radio market research**
  - **C2 + SA**
  - **Agility and Adaptability**
  - **Survivability and Sustainability**

- **Secure Wireless Mobile Ad-hoc Networking (MANET)**
  - **Man-portable, Airborne, and Fixed**
  - **High throughput (up to 30 Mbps) wireless network without relying on existing fixed infrastructure**
  - **Multiple bands**
  - **Software configurable**

Mobile Comms Initiative

- **Secure mobile access to apps and data**
  - **App repository and data sources**
  - **COTS smart device through commercial/Government networks**

- **FY13 efforts**
- **Implement app dev environment**
- **Facilitate innovative development efforts**
- **Research intersection with TACLAN FCD**
- **Assess ability to transition COTS solutions to tactical environment**

SITEC Schedule

1 Feb 11	1 Feb 12	1 Feb 13	1 Feb 14	1 Feb 15	1 Feb 16	1 Feb 17	1 Feb 18	1 Feb 19
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year N

| ITSM July 2011 | Option 1 | Option 2 | Option 3 | Option 4 | Re-compete ITSM (Single Award – Jul 17) | | Option 1 |

| Data Center Apr 2011 | Option 1 | Option 2 | Re-compete Data Center Apr 2015 | | Option 1 | Option 2 |

| Enterprise Networks Apr 2011 | Option 1 | Option 2 | Option 3 | Re-compete Enterprise Networks Apr 2016 | Option 1 |

| Distributed Computing Apr 2011 | Option 1 | Option 2 | Re-compete Distributive Computing Apr 2015 | Option 1 | Option 2 |

| Specialty Services July 2011 | Re-compete Specialty Services July 2016 |

| Application Management July 2011 | Re-compete Application Management July 2014 | Re-compete Application Management July 2017 |

| TACLAN Awarded Feb 2013 | Option 1 | Option 2 | Re-compete |

1 Feb 11	1 Feb 12	1 Feb 13	1 Feb 14	1 Feb 15	1 Feb 16	1 Feb 17	1 Feb 18	1 Feb 19
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year N

Re-compete Effort

RFI 1 — Review Acq Strat

RFI 2 — Review Schedule