PM Defense Communications and Army Transmission Systems (DCATS)

AFCEA Belvoir Industry Days
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Distribution Statement A. UNCLASSIFIED//Approved for Public Release
Mission & Vision

Mission: DCATS acquires, delivers and sustains strategic enterprise communications capabilities for the Army, DoD and the NCA to enable information dominance.

Vision: Be the recognized expert and trusted provider of national strategic communications transport infrastructure capabilities for the Army and the DoD Enterprise.
Deliver on time and on target today. Plan for the future. Take Care of People.

Priorities

Today → deliver on time and on target to enable network readiness

- Pitch: Solid Requirements
- Hit: Align Funding
- Run: Execute Contracts
- Performance Management

Prepare for Tomorrow → “see ourselves”

- Resiliency
- One Network / Convergence
- Correct Alignment (Requirements Documents, Right Structure, Funding, and Architecture)

People → right people, right place, right time

- Culture of Trust: Competent, Character, Commitment
- Accountability

Acquisition Agility

1. Total asset management visibility
2. Industry Innovation

Talent Management
MISSION: Enable the Warfighter through information technology, infrastructure modernization, and life cycle management of the Army’s Installation Campus Area (Voice, Video & Data) Networks, and strategic Command Centers across the Army.

**Command Centers (CC)**
Home Station Mission Command Center (HSMCC) suites provide Theater, Corps, and Division Headquarters with real-time audio-visual capabilities to execute combat and peace-time operations.

Strategic Command Centers (SCC) provide national-level command authorities and Combatant Commands (COCOMs) with the core C4I infrastructure for Joint, Coalition & Interagency capabilities.

**Networks**
Improves network reliability, accessibility, and security by replacing slower, outdated network routers and switches with newer, faster, and more capable equipment.

**Time Division Multiplexing (TDM)/Circuits**
Optimizes network circuits, removes antiquated telephone systems, and establishes conditions for Voice of Internet Protocol (VoIP) capabilities.

**Infrastructure**
Replaces outdated copper wire with high-capacity fiber that enables increased network capacity and reliability. Also includes improvements to power and environmental systems (e.g., HVAC).
Wideband Enterprise Satellite Systems

PdM WESS MISSION
Acquire, deliver, and sustain superior enterprise (strategic) and tactical military satellite communications and payload control capabilities for the US Army, DoD and the Joint Warfighting Community

Satellite Terminal Systems
Baseband Systems
Wideband Control
Combat Service Support (SATCOM)

PdM WESS VISION
The Department of Defense choice for world class enterprise satellite communication systems that increase efficiency and enhance responsiveness to warfighter needs
Global Presence

I3MP funded 44 IT infrastructure modernization projects in FY18

PdM I3MP:
- NORTHCOM
- SOUTHCOM

PdM P2E:
- AFRICOM
- EUCOM
- CENTCOM
- PACOM

Signal Command Partners:
- 7th Signal Command
- 2nd Signal Brigade
- 335th Signal Command
- 311th Signal Command
Characteristics/System Improvements:

- Modernize the Army's LMR system in accordance with the National Telecommunications and Information Administration (NTIA) mandate and Host Nation frequency spectrum agreements.
- Provide Spectrum Efficiency: from Wideband 25 kHz to Narrowband 12.5 kHz
- Acquire systems that meet DoD, Army and LMR policies.
- Acquire systems that meet Association of Public-Safety Communications Officials (APCO) P25 Phase I standards

Program Description:

- Base Support Communications (BSC) funds Army-wide, non-tactical Garrison Land Mobile Radio (LMR) Systems and subscriber units. LMR Systems are commercial solutions that provide mobile and portable communication support for Garrison Public Safety, Force Protection, Homeland Security, and facilities maintenance operations. First Responders are the primary users of LMR to include installation Military Police, Fire Departments, and Emergency Medical personnel. LMR is not a program of record.
- LMR Systems support Soldier readiness by providing pre-deployment non-tactical logistical communications. LMR also provides support of non-combatant evacuation (NEO) orders OCONUS.
- LMR is a system of systems composed of various hardware and software components. Requirements at each post/camp/station are unique and vary based on geographic coverage area, terrain, number of end users, number of mutual aid partners, and dispatch concept of operations.

Special Features:

- Modernize Army CONUS Enterprise Systems (AC
- Local/State/Federal Mutual Aid Interoperability
- Advanced Encryption Standard (AES) Encrypted Communications
- Priority queuing for Life & Safety communications
- Digital/Analog Communications
- Logging of Voice Communications
- High system availability due to redundant systems
The Army relies on PEO EIS
Connecting the Army. Working for Soldiers.