AESIP Overview
AFCEA Belvoir Industry Days

COL RJ MIKESH
PROJECT MANAGER
AESIP
3 APRIL 2018
AESIP Overview

PM AESIP manages a portfolio of business systems to deliver the Army’s vision of a Single Army Logistics Enterprise (SALE)

AESIP Hub

- Serves as the data exchange broker integrating ERP and non-ERP systems across 230+ trading partners
- Provides common integrated data and application services
  - 17, 243 unique users
  - 900K+ daily transactions
- Integrates Army business processes by providing a single source for
  - Enterprise Hub Services
  - Centralized Master Data Management
  - Business Intelligence/Business Warehouse (BI/BW)

AESIP enables cohesive financial, logistics and human resource solutions for the Army by providing common, integrated data and application services.
### Status & Opportunities

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Meet the AESIP Leadership Team in Attendance at the AESIP Breakout Session 1630-1730 in Chesapeake G
AFCEA GFEBS OVERVIEW

Gain Programmatic Efficiencies
- Eliminate unnecessary redundancies through common and standardized processes and tools
- Manage program success with standardized metrics
- Readily leverage industry best practice

Gain Product Efficiencies
- Minimize and Reduce Customization through adoption of COTS implementations and associated business processes
- Implement a Common Sustainment Approach
- Leverage innovation to increase business process automation and data standardization
- Invest in new capabilities to enable sunsetting legacy systems
GFEBS Product Offices

**GFEBS**
- Financial management ERP system
  - Soldier Capabilities Delivered:
    - General Ledger
    - Revenue & Accounts Receivable
    - Accounts Payable
    - Financial Reporting
    - Cost Management
    - Funds Control & Budgetary Accounting
    - Property, Plant and Equipment
  - Key Facts:
    - 37,000 users across 27 commands/over 200 sites
    - 80M transactions per year
    - 49 partner systems
    - Supports Audit Readiness
  - Focus: Maintain System Availability and Standards

**GFEBS-SA**
- Financial management ERP system for classified customers
  - Soldier Capabilities Delivered:
    - General Ledger
    - Revenue & Accounts Receivable
    - Accounts Payable
    - Financial Reporting
    - Cost Management
    - Funds Control & Budgetary Accounting
  - Key Facts:
    - Designated National Security System
    - Initial operating capability scheduled for FY20
    - Anticipate 3,000 users
    - Necessary for an unqualified audit opinion
  - Focus: Meet Financial requirements for Sensitive Activities

**ACWS**
- Contract writing and management system
  - Soldier Capabilities Delivered:
    - Contract writing and management system for entire Army contracting enterprise:
      - ACC/ECC/MICC
      - MEDCOM
      - National Guard
      - Corps of Engineers
    - Disconnected state contracting for contingency operations
    - Secure contracting capability
  - Key Facts:
    - SI Contract awarded 3QFY17
    - Anticipate 10,000 users
    - 35 partner systems
  - Focus: Consolidates Army Contract legacy systems

**AMS2**
- Acquisition management support system
  - Soldier Capabilities Delivered:
    - SmartCharts
    - Acquisition Program Baseline
    - Acquisition Workload Based Staffing Analysis Program
    - Chief Information Office Assessment Tool
    - International Online
    - Materiel Release Tracking System
    - MATDEV for USAASC systems
  - Key Facts:
    - Streamlined operations to reduce physical servers by 83%, cut downtime by 75%, and avoid $5.1M in costs
  - Focus: Reboot Program—Bottoms up approach
GFEBS Portfolio Capability Gaps

**Problem:** GFEBS has not yet realized the objective Return on Investment (ROI) – GFEBS seeks assistance and innovation:

- Reduce license costs
- Integration of hybrid technical solutions
- Return to standard SAP
- Innovative approaches to security
- Methods to synchronize multiple and dependent ERP financial systems
- Methods to improve usability
- Agile software development within the DoDI 5000.75 Business Capability Acquisition Cycle (BCAC) framework
  - Specifically, how industry and DoD Testers integrate to ensure all developmental and operational test requirements are met in such an way to ensure DoD continues to support the use of Agile development
- Knowledge of Federal and DoD requirements when it comes to System Engineering and Cybersecurity related activities
- Personnel with both functional business expertise (i.e. DoD Contracting) and technical expertise who can “speak both languages

**Expertise Needed:**

- Cross Domain Data Transfer
- Synchronization Environment
- Classified Ticketing Support
- Automation (Test/ DevOps)
- Data Management (Legacy Systems)
- Cybersecurity (RMF)
- Audit
- SAP
  - Basis
  - Solution Manager/ CHARM
  - GRC
  - Security/Technical Role Designs
AFCEA Industry Days: PM Defense Communications and Army Transmission Systems Overview

COL Enrique L. Costas
PM DCATS
3 APR 2018
Network Architecture (Simplified)

Legend:
- **DCATS**: Defense Communications and Army Transmission Systems
- **ICAN**: Installation Campus Area Network
- **I3MP**: Installation Information Infrastructure Modernization Program
- **LAN**: Local Area Network
- **MET**: Modernization of Enterprise Terminals
- **MCF**: Main Communications Facility
- **P2E**: Power Projection Enablers
- **TCF**: Technical Control Facility
- **WAN**: Wide Area Network

**CONUS**
- USAF and Commercial Satellites (DCATS)
- Defense Information Systems Network (DISN)
- I3MP (LAN)
- ICAN
- Special Users
- Army Installation

**OCONUS**
- DCATS (MET)
- P2E (LAN)
- DCATS (WAN)
- Special Users
- Army Installation

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PM DCATS Product Offices

**PdM WESS**
**Mission**
Acquire, deliver, and sustain superior enterprise (strategic) wideband military satellite communications and payload control capabilities for the DoD, the national command authority and the joint warfighting community to enable mission command and information dominance.

**Soldier Capabilities Delivered:**
- X and KA Frequency Bands
- NIPR
- SIPR
- Voice
- Video Teleconferencing
- Joint Worldwide Intelligence
- Payload Planning & Configuration

**Key Facts:**
- 10 Major Systems and 50 Projects
- Widely-fielded in 4 Continents, 12 Countries and 7 Islands
- Completed Installation of 18 terminals, with 10 more in progress
- $189M in FY18 Budget Authority

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**PdM I3MP**
**Mission**
Enables the Warfighter through information technology, infrastructure modernization, and life cycle management of the Army’s CONUS Installation Campus Area (Voice, Video & Data) Networks, and strategic Command Centers.

**Soldier Capabilities Delivered:**
- Home Station Mission Command Centers (HSMCC) Modernization
- Strategic Command Center (SCC) C4 infrastructure upgrades to the Joint Warfighter
- Network Modernization-CONUS (NETMOD-C)
- Multiprotocol Label Switch (MPLS) Routers
- Outside Plant Modernization (OSP)
- Inside Plant Modernization (ISP)
- Facilities Upgrade Modernization
- Time Division Multiplex Decommissioning (TDM DCOM)

**Key Facts:**
- Projects span across multiple FYs
- Consist of 3 Major Programs
- Fielded 27 Projects in FY17
- Working 26 Projects in FY18
- $71M in FY18 Budget Authority

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**PdM P2E**
**Mission**
Deliver the full spectrum of OCONUS network, information, & infrastructure modernization services to enable Soldiers & Commands assured and protected on-demand access to information to enable information dominance across Joint & Coalition Operations.

**Soldier Capabilities Delivered:**
- X and KA Frequency Bands
- NIPR
- SIPR
- Voice
- Video Teleconferencing
- Joint Worldwide Intelligence
- Payload Planning & Configuration

**Key Facts:**
- 36 projects in execution phase, 11 to close in FY18
- 44 Projects to begin in FY 19-20
- Modernizing IT infrastructure at 204 sites worldwide over 7 years
- $189M in FY18 Budget Authority
**PL DWTS**

**Mission**
Provide best value solutions to meet strategic long-haul and tactical combat service support communications capabilities worldwide for the DoD and other U.S. Government Agencies.

**Soldier Capabilities Delivered:**
- C4 Commercialization
- Network Operations
- Connect the Logistician – CAISI, VSAT
- Tech Control Facilities

**Key Facts:**
- 8 Major Programs and 32 Projects
- Full redundant global satellite coverage – 15 satellites, 22 beams
- Fielded over 32,000 CAISI Wireless 2.0 and 3,600 CSS VSAT Systems
- $91M in FY18 Budget Authority

**PL LMR**

**Mission**
Manages, engineers, acquires, delivers and supports non-tactical Land Mobile Radio systems to enable force protection, public safety, installation management and homeland security to all Army installations worldwide.

**Soldier Capabilities Delivered:**
- System Management Centers
- Repeaters
- Dispatch Consoles
- Handheld, Mobile and Desktop Radios and Antennas

**Key Facts:**
- Fielded at 25+ CONUS Military Installations
- Fielded at 10+ OCONUS Military Installations
- $32M in FY18 Budget Authority

**PL TAO**

**Mission**
Executes rapid, secure C4I acquisitions for Special Operations and Sensitive Activities.

**Soldier Capabilities Delivered:**
- Telecommunications Infrastructure
- Secure Networks
- Cyber Security
- Security Controls Assessor Support

**Key Facts:**
- HQ Office at Fort Detrick, MD
- Supports HQDA approved Sensitive Activities
- Budget Authority Varies

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PL DWTS programs will re-align between WESS, I3MP & P2E on 6 APR
### Current and Planned Structure

**CURRENT**
- **PM I3C2**
  - PdM I3MP
  - PdM P2E
  - PdM DCO
  - PL AIT

**PLANNED**
- **PM Defensive Cyber**
  - PdM DCO CAD
  - PdM DCO CPS
  - PL DCO Integration
  - PL AIT

### Why Reorganize?
- Increased contract & funding efficiencies
- Collapses convergence effort to singular PM
- Provides Dedicated 06 PM to Defensive Cyber Operations

- Transition (4) Operational Needs Statements to (11) Programs of Record
- Adopt rapid requirements process (IT Box)
- Build repeatable cyber Acquisition process

### Stakeholders
- Dept of State
- NSA
- USCYBERCOM
- DISA
- DSCA
- ARCYBER
- AMC
- CCoE
- CPB
- 335th Signal Command
- 91st NG
- NETCOM

**UNCLASSIFIED**
**Planned Goals**

**DCO Strategic Goals**

- **Rapid and Agile** – Speed of Relevance; Ahead of threats & synchronized with technology

- **Flexible and Efficient** – Modular & open designs; Embracing change & seizing opportunity

- **Cost Effective and Enduring** – Collaborate & Transparent; Build the bench

**“C-RAPID”**
Cyberspace Rapid Acquisition Prototyping Innovation Development

**“Forge”, “Armory”**

**“Constellation”**

**AIT Strategic Goals**

- Global Security Assistance / Foreign Military Sales portfolio in support of foreign partners' ever-increasing appetite for non-standard C4I capabilities

- Develops country requirements closely with Host Nations, Combatant Commands and Theater Special Operations Commands

- Casework expected to grow another 500% over next 9-12 months

- Various funding streams, including congressional initiatives and Foreign Military Financing
Streamlining Acquisition

C-Rapid
- Connection to multiple consortiums
- Connect with Industry/Government ranges
- Industry Recommends new Technology

Forge
- Continual integration of new technologies
- Upgrades and tests capabilities
- Provides anytime Training Environment

Armory
- One-stop-shop for most current DCO capabilities
- Perform optimization of DCO capabilities prior to mission

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Mission
Enterprise Computing provides future-focused solutions that modernize and optimize enterprise information technology (IT) activities through cost effective and policy-compliant delivery of cutting edge infrastructure and services.
Mission
Increase efficiencies and align resources to deliver and sustain enterprise-level Information Technology (IT) communications that enable end-to-end collaboration, messaging and content management across the Army workforce.

Unified Capabilities (UC)
- Non-assured Voice
- Non-assured Video Conferencing
- Chat
- Instant Messaging
- Presence
- Desktop Sharing

Enterprise Content Management and Collaboration Services (ECMCS)
- DISA provides service
- Enterprise SharePoint (NIPR)
- 136K users
- 93 organizations using
- 150K user capacity
- 24 TB storage capacity
- Centrally funded FY 16
- Command funded FY17

DoD Enterprise Email (DEE)
- Secure email and calendaring capability
- Global address book (all DoD personnel)
- Available anywhere with CAC
- 1.49M NIPR accounts
- 105K SIPR accounts
- 87.9K Mobile Devices (BB, iOS, Android)

Army Knowledge Online (AKO)
- Portal Services
  - Pages, Files, Groups
  - Search
- Logins: 189,264
- Page Visits: 110,769
- File Uploads: 6,729
- File Downloads: 179,397
- Searches: 5,125

Enterprise Access Management Service – Army (EAMS-A)
- Identity and Access Management
- Authoritative Army Directory (4 million Records)
- Total Customers: 132
- Total Managed Hostnames/Websites: 700
- 2 Federated Services (SAML/ADFS) – 10%
- 1 Proxy (Cookies) – 90%
Service Level Management

Service Level Management is the foundation of a suite of standard processes designed to ensure customer success.

- Requirements Management
- Project Management
- Change Management
- Release Management
- Deployment
- Cloud Support Services

The Service Level Manager is the voice of the customer and manages services across teams and providers to ensure successful deployment of cloud ready applications.

The Service Level Manager can coordinate a complete offering of Cloud Support Services.

Mission

Our mission is to provide full life-cycle information technology solutions, support, and services to our customers in secure environments.
What is CHESS?

- Army's designated Primary Source for commercial off-the-shelf (COTS) IT
- No-fee, flexible procurement strategy for COTS IT Hardware, Software and Services
- Online e-commerce request process

https://chess.army.mil/
PM IPPS-A Portfolio
COL Darby McNulty, Project Manager

3 April 2018

One Soldier ★ One Record ★ One Army
PM IPPS-A Portfolio Vision

Vision enables:
- Easy to Use
- Reliable
- Well-Trained
- Secure
- Auditable
- Adaptive
- Soldiers & Families
- Leaders & Commanders

SDLCM:
- IDENTIFY REQUIREMENTS
- PLAN
- DESIGN
- BUILD
- TEST
- DEPLOY
- MAINTAIN/SUSTAIN

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Logistics Modernization Program

- National-level component of the SALE
- Army Materiel Command (AMC) Functional Sponsor
- Army Working Capital Fund (AWCF) system of record
- Manages: acquisition of equipment & munitions; repair and maintenance; integrated supply chain; workloading, scheduling, and inventory for industrial base missions
- 23,000 users at 50+ Army and DoD locations
- Interfaces with 70+ DoD systems
- Manages $16B in inventory
- Over 7 Million transactions daily

Global Combat Support System – Army Increment 1

- Tactical ERP implementation for the supply chain
- Integrates property book, ground maintenance, unit supply, warehouse mgmt., and finance for the tactical soldier
- 140,000+ soldiers trained
- Manages over $278B in property
- Provides near real-time view of equipment readiness

Global Combat Support System – Army Increment 2

- Enhances existing GCSS-Army core capabilities
- Consists of three Waves
  - Wave 1 - Enterprise Aviation – brings AVN into the ERP
  - Wave 2 - Business Intelligence / Business Warehouse (BI/BW) – enhances current BI/BW capability in the HUB
  - Wave 3 - Army Prepositioned Stock (APS) management

Automated Movement and Identification Solutions

- The Radio Frequency – In Transit Visibility (RF-ITV)
  - Traces the identity, status, and location of cargo from origin (depot or vendor) to destination
  - Worldwide visibility via sensors and RF tags

- Transportation Coordinators’ Automated Information for Movements System II
  - Unit Move of equipment, personnel and deployment information
  - Theater Operations to manage and coordinate transportation services
  - Convoy and Highway Regulation Planning and approval through local and state authorities

Logistics Information Systems

- LIS manages the Army’s legacy logistics systems
  - Standard Army Ammunition System – Modernization (SAAS-MOD)
  - Unit Level Logistics System – Aviation Enhanced (ULLS-A(E))
  - Property Book / Unit Supply Enhanced (PBUSE) continues to support USASOC until transition to Defense Property Accountability System (DPAS)

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Deputy PM
Mr. James Winbush

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Dr. Dan Parker

AMIS
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GCSS-Army
LTC Preston Hayward

US Army
Mr. Danny Mahan

LMP
LTC Michael Parent

LIS
Ricky Daniels

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