



U.S.ARMY



PEO EIS

Connecting the **Army**. Working for **Soldiers**.

ROSS R. GUCKERT

Program Executive Officer, Enterprise Information Systems

AFCEA TechNet Augusta

17 August 2021



OVERVIEW



Mission

Rapidly deliver **integrated, innovative and cost-effective** systems and services for the Total Force, to globally connect the Army and provide a decisive information advantage to every Soldier.

Vision

Be the recognized leader in delivering **integrated and cost-effective** information systems and information technology solutions across the Department of Defense.

Magnitude

- Over **24.2 million** daily business system transactions supporting over **615,000** users
- 37** program offices and **71** acquisition programs
- Manage approximately **\$4.3 billion** annually
- Supports **1 million** Active, Guard and Reserve Soldiers and **330,000** Army Civilians

Mission Areas



Defensive Cyber



Human Capital



Enterprise Services



Logistics



Finance & Accounting



Networks

A Worldwide Team

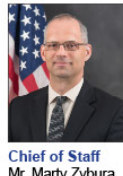
- ~3,000** military, civilian and contractors
- 10** states
- 6** countries



Program Executive Officer
Mr. Ross R. Guckert



Acting Deputy PEO
Mr. John Howell



Chief of Staff
Mr. Marty Zyburka



Plans & Operations
Mr. Ken Wojcik



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Mr. Steven Uehling



Acquisition Logistics & Property Management
Mr. Lawrence Silas



Cyber
Mr. Manish Patel



Strategic Communication
Ms. Tara Clements



BUSINESS MISSION AREA

Assistant PEO - Business Mission Area
Mr. Dan Joyce

PM ARDAP Army Data and Analytics Platforms



COL Robert Wolfe
Project Manager

PM DIBS Defense Integrated Business Systems



COL Donald Burton
Project Manager

PM IPPS-A Integrated Personnel and Pay System - Army



COL Robert Williams
Project Manager



LTC William Reker
Product Manager
Global Combat Support System - Army



LTC Christee Cuttino
Product Manager
Army Contract Writing System



LTC Corris Bullock
Product Manager
IPPS-A Increment II



Mr. Keith Baylor
Product Lead
Automated Movement & Identification Solutions



Mr. Reginald Shuford
Product Director
General Fund Enterprise Business System



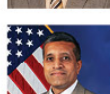
Mr. Steven Reichard
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Medical Communications for Combat Casualty Care



Mr. James Winbush
Product Lead
Logistics Information Systems



Mr. Gabriel Saliba
Product Director
Logistics Modernization Program



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Reserve Component Automation Systems/Force Management System



Mr. Matt Gohil
Product Lead
Army Enterprise Systems Integration Program Hub



Ms. Miranda Coleman
Product Lead
Army Vantage



Mr. JT Craft
Product Lead
Global Force Information Management



Mr. Preston Hayward
Product Lead
Enterprise Business Systems - Convergence



Mr. Timothy Hale
Product Manager
Army Training Information System



Mr. Kevin Curry
Product Director
Army Human Resource Systems

**Works directly for the PEO*



ENTERPRISE INFORMATION ENVIRONMENT MISSION AREA

Acting Assistant PEO - Networks, Cyber & Services
Mr. Aric Sherwood

PM DCATS Defense Communications and Army Transmission Systems



COL Justin Shell
Project Manager

PM DCO Defensive Cyber Operations



COL Mark Taylor
Project Manager

PD ES Enterprise Services



Mr. Lee James
Project Director



LTC Scott Davis
Product Manager
Wideband Enterprise Satellite Systems



LTC Dakota Steedsman
Product Manager
Cyber Analytics & Detection



Mr. Boyd Williams
Product Director
Acquisition, Logistics & Technology Enterprise Systems & Services



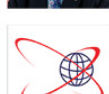
Mr. Thomas Dunaway
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Power Projection Enablers



LTC Bradley Son
Product Manager
Cyber Platforms and Systems



Mr. GW Burnside II
Product Lead
Army Enterprise Staff Management System



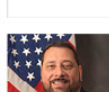
Mr. Charlie Cole
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Installation Information Infrastructure Modernization Program



Mr. Arthur Edgeson
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Applied Cyber Technologies



Mr. Brent Thomas
Product Lead
Human Resource Solutions



Mr. EJ Wasikowski
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Mr. Brian Bricker
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Mr. Palmer Mitchell
Product Lead
Enterprise Computing



Ms. Deidra McCaskill
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Enterprise Content Collaboration & Messaging



UPDATED 10 AUG 21



Enabling information dominance from the tactical edge to the home station for the Army, Department of Defense and international partners by acquiring, implementing and sustaining strategic satellite and terrestrial communication systems.



Enterprise Network Modernization



Installation IT Modernization (CONUS)

- Voice Services
- Data (NIPR/SIPR/other)
- Infrastructure (Fiber/Copper/Wireless)
- Home Station Mission Command Centers
- Strategic Command Centers

Installation IT Modernization (OCONUS)

- Voice Services
- Data (NIPR/SIPR/other)
- Infrastructure (Fiber/Copper/Wireless)
- Strategic Command Centers

Innovation / Technology Demonstration

- Identification of Emerging Technologies
- Agile Small and Large Scale Demonstrations
- Capability Set updates to the Network Modernization Baseline
- Input to Development of Future Unified Network Requirement

SATCOM Ground Segment Modernization

- DOD SATCOM Gateway Ground Terminals
- Baseband Systems
 - Modems
 - Encryption
 - Routing/Switching
 - Power & Timing
- Satellite Payload Control Tools
 - Planning
 - Monitoring
 - Management

Base Support Communications

- Computer Aided Dispatch (CAD)
- Enterprise Mass Warning and Notification (EMWN)
- Land Mobile Radio (LMR)
- Wireless – First Responder Broadband Network (FRBN)
- Next Generation 911 (NG-911)

THE ARMY'S ENTERPRISE NETWORK LIFE CYCLE MANAGER



U.S. ARMY

PEO PRIORITIES



ENSURE DISCIPLINE



DELIVER CAPABILITY



COMMAND CLIMATE



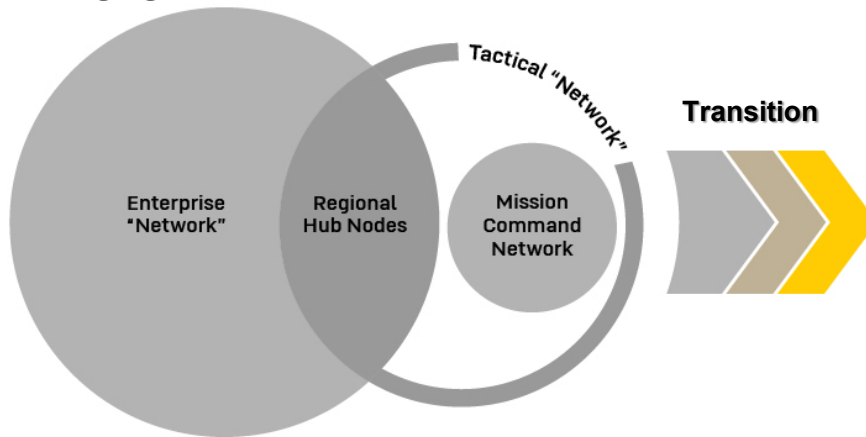
TALENT MANAGEMENT



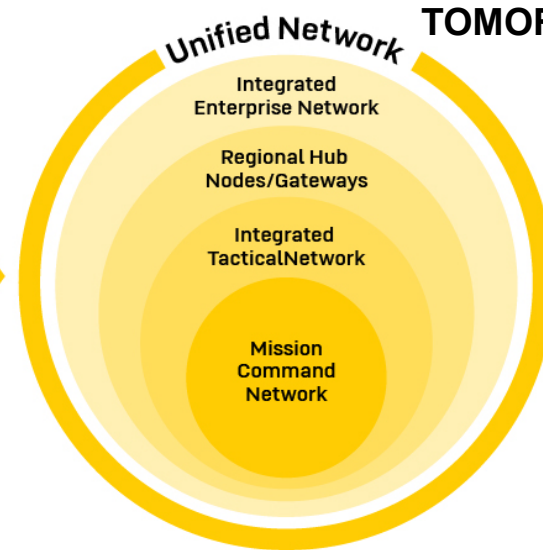
Unified Network: Supporting the Warfighter



TODAY – AS IS



TOMORROW – TO BE



Decentralized, Disjointed Network Modernization

Localized capability fielding based on organic development which lacks a standardized enterprise approach that aligns with Integrated Tactical Network.

- **No** overarching **SIPR/MPE** Modernization Plan
- Emphasis placed on modernizing **NIPR only**, by installation
- Focused on **individual** Posts, Camps and Stations
- **Lifecycle** process is limited to legacy technology and methods
- **Disjointed** Organizational Networks (ORGNET)
- Lacks defined requirements documentation
- RHN's serve as IEN/ITN nexus limiting network resiliency
- Focused at the BCT maneuver level

Setting the Unified Network

Standardized capability based modernization that merges IEN/ITN to a **Unified Network (UN)** to support MDO

- **Integrated Global SIPR** environment
- **Optimized NIPR** based on Zero Trust principles
- Focused on **horizontal delivery** of new capabilities
- **Evolutionary modernization** with new, cost-effective capabilities
- **Converged DODIN-A** with single service provider and defender
- A **unified requirements** process
- Diverse transport to increase resiliency in A2/AD environment
- Enables **Corps/Division Maneuver** in an MDO fight

“IT modernization and reform is a critical measure to achieve the Army Digital Transformation. This includes phasing out outdated legacy systems that are incompatible or too inefficient in a fully digitized environment.” – Dr. Raj Iyer



Requirements & Governance



Requirements

- Unified Network Operations (UNO) Information Systems (IS) Initial Capabilities Document (ICD)
- Integrated Enterprise Network (IEN)
- Enterprise Transport Mode (ETM)
- Enterprise Services Infrastructure (ESI)
- Enterprise Computing Environment (ECE)
- Base Emergency Communication (BEC) Systems Capability Development Documents (CDD)



Governance

With PEO C3T and Network CFT

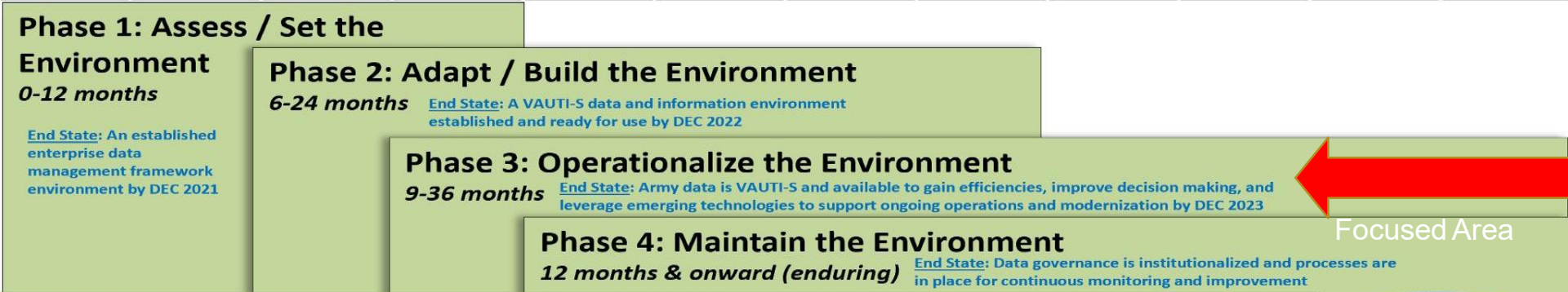
- Reference Architecture
- Application Programming Interfaces (APIs)
- Licenses
- Contracting
- Proofs of concept to flush out



Army Data Plan EXORD



2QFY20	3QFY20	4QFY20	1QFY21	2QFY21	3QFY21	4QFY21	1QFY22	2QFY22	3QFY22	4QFY22	1QFY23
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Ends: The ability to leverage data with AI and ML to enable operations, drive modernization, and gain self-awareness and insight	Ways: Proceed along three LOEs: Talent and Culture; Governance and Administration; Data and Architecture Standardization	Means: Army will leverage current cloud and associated technologies to gain control over and secure its data
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BENEFITS OF INDUSTRY ENGAGEMENT



**20 per
month**

Average outreach meetings over
the last year

- Keeps our finger on the pulse of Industry; Enhances our understanding of the commercial marketplace
- Helps to understand what is important to Government and Industry
- Increases competition
- Attracts new contractors
- Informs better proposals and more innovative solutions

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QUESTIONS?



Supporting every domain, branch, unit and Soldier in the Army

CUSTOMERS AND OVERSIGHT

INDUSTRY PARTNERS

WORKFORCE



**PEO EIS
Connecting the Army.
Working For Soldiers.**