The Mission Common Portfolio consists of Two Portfolio Areas:

- **Transport / Enablers** - Primarily hardware systems which provide the information highway for the Army network consisting of the Space; Aerial and Ground layer capabilities.
  
  Key programs include:
  - Warfighter Information Network-Tactical (WIN-T)
  - Tactical Networking Radios
  - MILSATCOM/DEFENSE SATCOM
  - Assured PNT
  - Tactical Electric Generators and Power Distribution
  - Counter Radio-Controlled Improvised Explosive Device Electronic Warfare
  - Crypto Modernization/Key Management Infrastructure

- **Applications** - Primarily software products which provide tools and interfaces by which critical information is stored, controlled, displayed, managed, and used. Key programs include:
  - Joint Battle Command-Platform (JBC-P)
  - Tactical Battle Command (TBC) /Command Post of the Future (CPoF)
  - Common Operating Environment (COE)
  - Army Enterprise resource Program (ERP) Business Systems
  - Network Integration Exercise (NIE) and Army Warfighting Assessment (AWA)
  - Defensive Cyber Operation
2001-Present: From Full Spectrum to Unified Land Operations

- Captures the most critical lessons over previous 13+ years of sustained land combat operations

Army Operating Concept: Delivering the Future Unified Land Operations is incorporated into Force 2025 and Beyond development by identifying first order capabilities that the Army needs to support U.S. policy objectives.

Mission Command Network 2020 & Beyond

Mission Command Strategy and Network Vision & Narrative, Defines the Mission Command Network, provides the vision for its design through 2025, and describes the operational capabilities required to meet the AOC concepts and “Win in a Complex World”
The Mission Command Network enables the mission command warfighting function – allowing leaders to understand, visualize, describe, direct, lead and assess to accomplish Unified Land Operations.

- **Common User Experience across Echelons, Formations, Phases**
- **Home Station**
- **Deployed**
- **Distributed Command Posts**
- **Enroute**
- **Training & Readiness**
- **Mobile, Protected Network**
- **“Reach”**
- **“Expeditionary, uninterrupted Mission Command”**
AMERICA'S ARMY:
GLOBALLY RESPONSIVE
REGIONALLY ENGAGED

Mission Command Network:
‘Touchpoints’

Legend:
- EE PEG
- II PEG
- TT PEG

Tactical Network
COE/ABCS
Includes: Tactical Email, Chat, map/SSGI, collaboration, Handheld (NettWarrior)

Enterprise Network
JIE/COE/Unified Capabilities
Includes: Enterprise Email, Chat, Collaboration, Handheld (Blackberry)

Learning Environment
Learning at the Point of Need
Cloud-based Learning Resources

Mission Training Complex / Training Devices

Defensive CYBER
Defensive Cyber Tools

DC/Cloud CE
Data Center / Cloud w/ Apps Store

NETOPS
Unified Network Operations

Mission CMD
Command Posts & Home Station MC
Acquisition Investment Strategy

Protect S&T to ensure breakthrough technologies (CYBER Defense).

New capability development (Army Command Post and Tactical Electric Power)

Incremental upgrades to increase capabilities (Common Operating Environment COE)

Enable near-term readiness for contingencies (Tactical Radios)

Non-Standard Equipment (Legacy Tactical Electric Power and Distribution, Multiple Computing Environments, and Legacy Tactical Radios)

• **Capabilities must be Expeditionary, Interoperable, Agile and Adaptable.**

• Gained efficiencies:
  - Establish the Common Operating Environment (COE) thru technical standards on common hardware and enforce the standards for all network capabilities
  - Produce fuel savings in power generation with smaller, lighter, intelligent systems and leveraging alternative and renewable energy technology
  - Converge networks and management
  - Develop and field Future Command Post that is expeditionary, scalable and agile
Questions?