Delivering the Tactical Network

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Capable but Less Complex Network

**Simplify**
the network for the end user

**Streamline**
the NetOps / UTR tools Soldiers use to configure the network

**Realign**
Field Service Representative network support

**Coalition**
Network Standardization
Technology Imperatives

Mission Command
MC Anywhere, Anytime, with Any Team, using Any Device

Network
Secure On-Demand Networking

Cyber
Fighting Through the Attack

NetOps
Transparent Operations
PEO C3T is leading efforts to streamline the processes and tools involved in NetOps in order to simplify training, reduce execution timelines and give more control and flexibility to Soldiers.

NetOps tools allow signal Soldiers to see the “big picture” so they can plan, initialize, monitor and manage the network.

We are working across our portfolio to build the roadmap toward that goal of one integrated tool, and consistently bring our NetOps solutions to the NIEs to get operational feedback on our progress.

Early successes include: CS 13 units received the Joint Tactical Networking Environment Network Operations Toolkit (J-TNT), which collapsed several lower tactical network tools – mostly radio management tools – onto one laptop so that users can monitor all radios on the battlefield. Also, WIN-T Increment 2 NetOps tools give Signal Soldiers more visibility of network nodes and the power to reach into the network and control operations from a central location.

**Army NetOps Capabilities**

- Strategic
  - Enterprise Services
  - Installation Infrastructure

- Tactical

**Army Objective**

- Converge Strategic & Tactical capabilities
- Overlaps in capabilities will continue to increase as more enterprise services are extended to support tactical forces
• Our goal with UTR is to integrate and streamline the systems involved when adjustments are required to the network to support changes in battlefield task organization.

• UTR tools and processes support network adjustments that are driven by changes in mission and battlefield task organization – such as attaching a company to a different battalion.

• The long-term vision would allow operators to have the ability to conduct a change in task organization using a graphical user interface, or drag-and-drop approach. Once the task organization change is validated and executed, adjustments to the affected portions of the network will be executed through an automated process, with human checks to ensure the change is intended.
Invest in Soldiers and facilitate knowledge transfer

- Make smart training investments for Soldiers and the unit’s multifunctional personnel
- Right-size legacy system field support

Provide Efficient Support

- Utilize a tiered support process, tailored to allow the Army to smartly do more with less

Full Rate Production-Fielding

OEM & System Integrator provide CLS to ensure readiness for newly fielded equipment

Gradual transition from costly contractor support to increased multifunctional, organic support (Soldiers, DACs and some system-specific contractors)

- Soldier Support (Maintenance MOS’s) 70%
- DA Civilians (LARs, DSEs, FSRs) 25%
- Contractor (FSRs, FSEs) 5%
Network Modernization: Way Ahead

Increase Capacity
Simplify the Network
Drive Competition
Deploy Integrated Capabilities

Common Operating Environment
Your Questions