

MAY 2012

ARMY NETWORK NEWSLETTER



Modernizing LandWarNet – From the Post/Camp/Station to the Tactical Edge – Powering America’s Army

The Army’s top four modernization priorities are the **Network**, Ground Combat Vehicle, Joint Light Tactical Vehicle, and Soldier Systems. Also known as LandWarNet, the Network remains the Army’s top investment priority. With expectations of tighter budgets and a very active threat environment, the Army must produce a force that is smaller, yet more capable. Per the 2012 Army Posture Statement, the Network is the core of that smaller, capable Army.

Through more than 10 years of sustained combat, the Army made significant improvements to expeditionary communications capabilities to support our Soldiers in the fight. However, the largest portion of the LandWarNet was not adequately modernized; this negatively impacts home-station operations, homeland defense, interagency communications, training, staging, deployment, and redeployment. We must focus our LandWarNet modernization efforts end-to-end, addressing both the tactical edge and the enterprise infrastructure on Posts, Camps and Stations. **Modernization must address the entirety of the Army’s Network** to empower a CONUS-based Army that projects expeditionary Forces with little or no notice. This modernization effort addresses three major challenges: improving Cybersecurity and Network Operations (NetOps), meeting operational needs in a dynamic threat environment, while becoming more efficient in a fiscally constrained environment.



First and foremost, **improving Cybersecurity and Network Operations (NetOps)** is absolutely necessary to successfully operate in a single, secure, standards-based network environment. Non-standard network management tools, multiple access points, vulnerable perimeter defenses, and inconsistent architectures (many of which were deployed quickly to support war efforts), make it difficult to prevent, identify, isolate, and eliminate security risks. As cyber threats increase exponentially, the ability to secure the LandWarNet is not only the Army’s top concern, but also a top concern for the Department of Defense and the President.

Second, **meeting the Army’s operational needs** is a continuing challenge, both on the tactical edge and on Posts, Camps and Stations. To be operationally effective, the LandWarNet must provide trusted access, assured connectivity, interoperability, and collaboration with all required mission partners. Soldiers and leaders expect the Network to be available wherever they are conducting the daily business of the Army, training, preparing for deployment, en route, or deployed.

The **Army is becoming more efficient through advanced technology and improved IT governance**. The President mandated all US Government Agencies to achieve efficiencies and optimize return on investments. For our networked Army, this mandate drives the need for enterprise systems and solutions, seamless data access, and a robust, secure network infrastructure to support every facet of Army, Joint, and Multinational operations.

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In an era of escalating cyber threats, a fully integrated LandWarNet is essential to security, efficiency, and the ability to power a smaller, yet more capable, expeditionary Army. The Network is one of the Army's top modernization priorities – and essential to maintaining our technological edge. The Army must build an agile, responsive, affordable, and sustainable LandWarNet from Post/Camp/Station to the tactical edge. Four major efforts underway are:



- **Joint Information Environment (JIE)**, through which we are aligning with our DoD counterparts to develop a single, secure, standards-based end state architecture;
- **IT Management Reform (ITMR)**, a comprehensive proposal to modernize the network and realize efficiencies, with the goal of achieving \$1.5B in annual savings beginning in Fiscal Year 2015, without compromising effectiveness or security;
- **Network Capabilities Portfolio Review (CPR)**, institutionalizing an end-to-end management approach for network capabilities and IT services; and
- **IT Workforce Rebalancing & Redesign**, developing effectively organized and better trained and certified personnel to operate and defend LandWarNet.

Modernizing the LandWarNet from the Post, Camp, and Station to the tactical edge is crucial to powering our Army through 2020. We must close the gap from the edge to the enterprise to increase security of our information against growing cyber threats, improve the overall operational effectiveness of our Army to accomplish its mission, while gaining efficiencies and streamlining processes in a fiscally constrained environment.

Sincerely,

Susan S. Lawrence
LTG Susan Lawrence

***Powering America's Army:
Always Networked – Always On***

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Publisher: CIO/G-6 Strategic Communications Division