ARMY CIO/G-6

Global Network Enterprise Construct Implementation Plan

What is it?

The Global Network Enterprise Construct Implementation Plan (GNEC I-Plan) is the execution plan for transforming LandWarNet into a global network enterprise. This effort is a top CIO/G-6 priority.

The GNEC I-Plan, along with the GNEC Executive Overview, serves as capstone guidance for LandWarNet transformation. It also will be an essential element of the Army Campaign Plan. The I-Plan includes both an overarching Army implementation timeline and area-specific guidance for synchronized execution. It also provides the framework for development of additional detailed plans, which will be synchronized and defined in increments through the FY13–17 POM.

LandWarNet transformation is broad and complex, and will affect all phases of all Army operations, including those of the active component, U.S. Army Reserve and Army National Guard.

Because GNEC implementation is a priority mission, CIO/G-6 intends to manage carefully the coordination of all GNEC-related efforts in order to ensure timely delivery of needed IT capabilities.

Why is this important to the Army?

The GNEC Implementation Plan will enable Army leaders to track LandWarNet transformation and determine priorities and ways to mitigate GNEC execution risks. Ultimately, successful transformation will make the deployment of forces more effective by simplifying authorized users' global access to the network and tools, and enabling Enterprise Services to support any type of mission. It also will ensure appropriate security for the Army Global Network Enterprise and associated assets.

Why is this important to the Soldier?

LandWarNet transformation will occur incrementally. Over time, all Soldiers will be armed with one email address and universal access to their applications, data, and collaboration and training capabilities from any Army location worldwide – simply by logging onto the network with a Common Access Card.

What has the Army done?

On 1 October 2010, the CIO/G-6, LTG Jeffrey Sorenson, signed version 1.0 of the GNEC Implementation Plan. The plan is available to authorized DoD users at https://www.us.army.mil/suite/page/607759.

What does the Army have planned for the future?

Version 1.0 of the GNEC Implementation Plan is just a portion of current and future transformation activities. By design it was limited in scope. Future versions, to be published quarterly, will expand to include all elements required to enable the Army's expeditionary information technology requirements. ■

An Enterprise Network: the Key to Army Transformation

The individual warfighter and the collective Army rely more heavily than ever before on information technology to execute the mission. To provide the data and capabilities Soldiers need, among them intelligence, surveillance, reconnaissance, communications and command and control, securely and on demand, the Army's network must become an enterprise system. Only by centralizing the network, known as LandWarNet, will the Army be able to make it sustainable, defensible and a truly operational capability.

The challenge is to deliver network services that are timely, relevant and focused on the warfighter via enterprise solutions that effectively and efficiently support the Army of the 21st century. Today's Army is a versatile mix of tailorable and networked organizations that operate on a rotational cycle and conduct wide-ranging full-spectrum operations. LandWarNet is the key to making this force structure successful, down to the tactical edge.

The Global Network Enterprise Construct (GNEC) is the Army-wide strategy for transforming LandWarNet into an enterprise network. The results, so far, are promising. Various exercises have successfully demonstrated that the enterprise concept is viable and achievable; procurement and construction of the physical network infrastructure are proceeding apace. ■

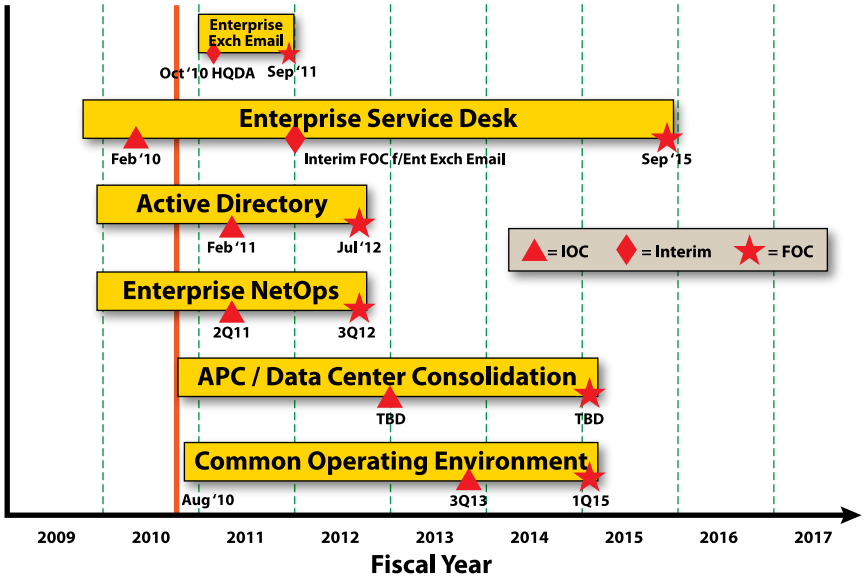
Why is LandWarNet transformation important to the Warfighter?

The ability to fight upon arrival is critical to enabling the predominantly CONUS-based Army to respond effectively to any threat in any environment. The Army's current networks, information systems and resources are not sufficient to support a true fight-upon-arrival capacity. Access to the network and information technology resources is inconsistent; units must deal with numerous IT-related changes as they move from one physical location to another and one phase of the Army Force Generation cycle to another. However, by providing all warfighters universal access to their applications, data and collaboration and training resources, as well as one email address and telephone number, the Army will achieve this essential fight-upon-arrival capability.

Where Are We Now?

In the past year, we have brought fidelity to the strategy, detailing plans for adopting industry standards and protocols, pursuing data center consolidation and establishing a common operating environment to accelerate software development and increase network security. Additionally, Army Cyber, a new command to oversee the operation and defense of Army networks, was activated. With fiscal reality and the always adapting enemy in mind, the Army will continue to define and refine network doctrine, tactics, techniques and procedures, and to incorporate technological advances, customer demands, national strategic objectives and process improvements into LandWarNet. ■

Top Strategic Initiatives and Implementation Timeline



Enterprise Exchange Email & Calendar

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Enterprise Service Desk

❖

Active Directory Migration

❖

Enterprise Network Operations (NetOps)

❖

Area Processing Center / Data Center Consolidation

❖

Common Operating Environment

Contact: CIOG6StratComm@conus.army.mil

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