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NMCI to NGEN – The Progression of Integrated Naval Networks

“Next Generation Enterprise Network (NGEN) is the logical follow-on to the Navy and Marine Corp Intranet (NMCI). NGEN will provide the Department of the Navy (DoN) enhanced governmental control and visibility leading to better reliability, interoperability, information access and, most importantly, security.”

– Vice Adm. Harry B. Harris, Jr., Deputy Chief of Naval Operations for Communication Networks (N6)

Progressive Integrated Naval Networks

The DoN is in the planning stages for the follow-on to the NMCI contract that is slated to end on Sept. 30, 2010. NGEN will build on lessons learned in operating NMCI including the need to improve reliability, interoperability, information access, and security as well as enhanced government network visibility and operational command and control.

The NMCI Evolution

- At its inception in 2000, NMCI was a revolutionary approach for obtaining voice, video, and data communications and computing capabilities within the DoN. NMCI provides the DoN a mature IT infrastructure for stable, secure information transfer.
- NMCI is the largest corporate intranet in the world. It has approximately 660,000 accounts on 360,000 workstations and laptops in more than 3,000 locations from major bases to Sailors in remote locations, such as recruiters. NMCI has 24/7 enterprise level service with three Network Operations Centers, three help desks and 52 server farms.
- NMCI’s security posture meets or exceeds DoD and Joint Task Force-Global Network Operations standards for security.

The Transition to NGEN

- NGEN operating environment is in development as DoN leadership engages industry experts through various forums to ensure all best practices are considered.
- NGEN requirements document was approved in May 2008 by the Chief of Naval Operations (CNO) and Commandant of the Marine Corps (CMC).
- The DoN will conduct an Industry Day on Sept. 8 in Washington to share information on NGEN and to provide DoN’s concept to acquire NGEN. The DoN intends to release a Request for Proposal(s) in spring 2009 to support a transition beginning in October 2010.
- NGEN transitions are planned to minimize disruption to our current network operations.
- Users are integral to the transition from NMCI to NGEN and the program offices solicit feedback to address questions and concerns.

Key Messages

- NMCI provides the DoN a mature IT infrastructure for stable, secure information transfer.
- DoN is committed to greater government visibility within the network, flexibility, and control with NGEN.
- NGEN development and evolution is focused on continuous improvements to IT security, reliability, adaptability, governance and support to the warfighter.
- NGEN transitions are planned to minimize disruption to our current network operations.

Facts & Figures

- An average of 60 new viruses per month are detected on the NMCI network.
- 182,000 NMCI seats have been tech refreshed (upgraded) with 10,000 more per month scheduled.
- NMCI moves 4 million e-mails per day.
- Questions or comments can be emailed to: nmci_publicaffairs@navy.mil or ngen_public_affairs@navy.mil.