NMCI CoSC and NGEN
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NMCI Fact Sheet

Navy Marine Corps Intranet
The Navy Marine Corps Intranet (NMCI) is the Department of the Navy’s (DON) shore-based enterprise network in the continental United States and Hawaii. NMCI provides a single integrated, secure IT environment for reliable, stable information transfer. NMCI represents about 70 percent of all DON IT operations and is second only to the Internet in size. Every day, Sailors, Marines, and civilians rely on NMCI for their PCs and laptops, for their mobile wireless solutions such as BlackBerrys and wireless cards, and for the security and support their missions require.

NMCI revolutionized the way the DON does business in both classified and unclassified environments. It brought standardization to network operations, data security, technical support and real-time communications across every level of the Navy and Marine Corps by establishing common hardware, software and operating systems. As a result, the DON achieved:

- Increased productivity
- Greater interoperability
- Enhanced Information Assurance (IA) security

Mission critical response
Over the past 10 years, the NMCI team has delivered a reliable infrastructure for the DON, providing the tools and services needed to complete mission critical tasks. Examples include:

- **2010 middle Tennessee floods**: A flood at Naval Support Activity (NSA) Mid-South in Millington, Tenn., damaged all underground connections at the NMCI Server Farm, severing NMCI service to 4,000 workstations and 10,000 users. Within a week, NMCI connectivity was restored to more than 95 percent of the base and users.
- **Operation United Response in support of the Haiti earthquake relief**: Within 24 hours of the 7.0 magnitude earthquake in Haiti, equipment was overnighted to establish communications and networking services to accommodate mission serge requirements.
- **Additional examples include**: 2010 Gulf of Mexico oil spill; 2007 California wildfires; Hurricanes Rita, Katrina and Isabel; 2004 Indian Ocean tsunami; and Sept. 11, 2001 Pentagon reconstruction.

New capabilities
Recently added capabilities to better service users have been initiated, including:

- **Hybrid Maritime Operations Centers (MOCs)**: MOCs enable greater C2 functions and increase the security posture of the DON against cyber terrorism.
- **Data at Rest (DAR)**: This data encryption solution increases the security of data, files, and folders while mitigating the risk of unauthorized access and protecting against compromises when workstations, portable seats or removable storage devices are lost or stolen.
- **Synchronized Enterprise Global Address List (GAL)**: This capability synchronized the Enterprise GAL with the Defense Information Systems Agency’s (DISA) Joint Enterprise Directory Services (JEDS), enabling the exchange of contact information between military services for the first time in Department of Defense history.

NMCI scope:
- More than 700,000 users
- 384,000 workstations and laptops in more than 3,000 locations from major bases to recruiter offices
- More than 3.4 Terabytes of data is transported and 124 million browser transactions made per day

NMCI infrastructure:
- 24/7 enterprise-level service; three enterprise help desks provide 24-hour assistance via email and telephone
- 38 classified and unclassified server farms; 28 micro-server farms
- Four Network Operating Centers (NOCs) provide redundancy and fail-safe security for network information

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NMCI Continuity of Services on 1 October 2010

- The award to HP Enterprise Solutions enables the DON’s largest network to continue uninterrupted as we prepare to transition to improved government command and control while keeping pace with future cyber threats.
- The DON established 10 critical objectives in 2008 pertaining to a follow-on continuity of services contract for NMCI. This contract award represents achievement of these 10 critical DON objectives as well as provides for affordability of the network.

Details of the award

- This contract allows for the DON to have access to the network and Government Purpose Rights to the intellectual property thus providing a critical component for the DON to assume command and control, and technical authority over the network on 1 October 2010.
- The contract provides for allowance of third party security operations.
- The contract provides flexibility to meet emerging requirements.
- The contract includes performance monitoring and award fee provisions around technical performance, transition support and overall management of the contract.
- The contract delivers segmented seat services which will allow for flexibility to transition to the Next Generation Enterprise Network (NGEN).

A defined path for transition to NGEN

- Ensures continuity and provides for improved information assurance.
- Provide Command and Control flexibility to respond more rapidly to future threats.
- The goal of the continuity of services contract is to ultimately enable a NGEN acquisition strategy which will provide greater industry competition.
- In conjunction with the CoSC award, the NGEN acquisition strategy (AS) has been approved by USD (AT&L) providing authority to the DON to pursue NGEN.
- Re-engagement with Industry commenced with a PEO-EIS/PMW 210 hosted Industry Day on July 8, 2010. The event shared the framework by which the DON will move from continuity of service to the NGEN strategy for delivery of enterprise network services.

Initial NMCI Contract

- Initial Contract Award was in 2000. Firm fixed-price contract with performance-based incentives.
- Seven-year base with one option for three years
- Prime Contractor: HP, previously EDS

NMCI is the largest intranet in the world

- More than 700,000 users
- 384,000 workstations and laptops
- More than 3,000 locations from major bases to remote locations such as recruiter offices
- More than 4 million e-mails transported per day
- 124 million daily browser transactions
- Four (4) Network Operations Centers (NOCs)
- Three (3) Enterprise Service Desks
- NMCI’s security posture is one of the strongest in the DON.
**Next Generation Enterprise Network**

The Next Generation Enterprise Network (NGEN) represents the continuous evolution of the Department of the Navy’s (DON) enterprise networks and will provide secure, net-centric data and services to Navy and Marine Corps personnel.

**NMCI to NGEN**

NGEN is the follow-on to the Navy Marine Corps Intranet (NMCI), the U.S. government’s largest IT outsourcing program and it is the biggest intranet in the world, providing IT services to nearly 700,000 Navy and Marine Corps end-users. The goals during the transition from NMCI to NGEN are to maintain continuity of services, provide increased level of Government control, maintain information security, remain within fiscal parameters, and minimize time to transition to NGEN.

**Acquisition Strategy next steps**

Building on lessons learned in operating NMCI, the NGEN Acquisition Strategy (AS) provides the roadmap for NGEN’s successful implementation. The Under Secretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)) approved the NGEN AS, providing authority to the DON to pursue a segmented approach to acquiring network services. The AS includes a segmented acquisition approach to NGEN via the competitive award of multiple contracts for Independent Security Operations Oversight and Assessment (ISOO&A), Transport, Hardware, Software, and Enterprise Services.

**Transition to NGEN**

- To “bridge” the timeframe between the end of the contract for NMCI services and the implementation of NGEN, the NGEN Program Office has developed a transition roadmap. Key enablers for the overall success of this transition are an approved sole-source Continuity of Services Contract (CoSC) with the current NMCI service provider and Early Transition Activities (ETAs).
- The NMCI CoSC ensures continuity of network services during transition to a government owned and government controlled network model, and permits the systematic transition to NGEN.
- The ETAs establish Government management capabilities, allow greater participation in operational decisions, reduce risk, help expedite transition time, and provide the foundation for full and open competition for services.

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<th>Initially, NGEN will include:</th>
<th>Program highlights and accomplishments:</th>
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<tr>
<td>NMCI 2010 capabilities</td>
<td>Approved Network Operations Concept of Operations</td>
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<td>Increased government operational and design control of the networks</td>
<td>Approved Requirements Document (V2.0)</td>
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<td>Requisite Information Assurance (IA) enhancements to meet evolving security requirements</td>
<td>Completed Analysis of Alternatives (AoA)</td>
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<td>Completed DON System Design Specification (SDS)</td>
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<td>Established Integrated Master Schedule (IMS) baseline</td>
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<td>Authorized Early Transition Activity (ETA) implementation</td>
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<td>Adopting Information Technology Infrastructure Library (ITIL® V3) service management framework</td>
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<td>Presented “Gate 4” review of SDS</td>
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<td>Approved Acquisition Strategy</td>
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<td>Acquisition Strategy Industry Day</td>
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Captain Scott N. Weller, USN

Captain Scott Weller was appointed the Program Manager of the Navy Marine Corps Intranet (NMCI) and the Outside Continental U.S. (OCONUS) Navy Enterprise Network (ONE-Net) in November 2007. As such, he is responsible for providing a single integrated, secure IT environment for reliable and stable voice, video and data information. NMCI serves more than 700,000 users utilizing 384,000 desktop computers and laptops in more than 3,000 locations from major bases to remote locations such as recruiter offices. NMCI is one of the most secure enterprise networks in the Department of Defense. It represents about 70 percent of the Department of the Navy’s (DON) IT operations and is second only to the Internet in size. ONE-Net is a fully integrated, interoperable and secure IT infrastructure that provides transport for IP voice, video and data at OCONUS bases and piers. It serves 33,000 users at 78 OCONUS locations throughout the world.

Captain Weller is a graduate of Northrop University with a Bachelor of Science degree in Aeronautical Engineering and concurrently earned his FAA Airframe and Power Plant Mechanics license. He was commissioned through Aviation Officer Candidate School at Naval Air Station (NAS) Pensacola in Pensacola, Fla. where he was designated a Naval Aviator. He is also a graduate of the United States Naval Test Pilot School at the Naval Air Warfare Center.

Captain Weller served in a variety of operational and leadership positions, afloat and ashore, including Engineering Test Pilot at the Rotary Wing Aircraft Test Directorate, an Instructor Pilot in the SH-60F Seahawk. At sea, his deployments include three tours aboard the aircraft carrier USS Carl Vinson, two aboard the USS Kitty Hawk, and one onboard the USS Abraham Lincoln. CAPT Weller’s recent leadership positions include Deputy Program Manager, Test and Evaluation for the MH-60R and MH-60S, Commander of the Defense Contract Management Agency, Lockheed Martin Systems Integration in Owego, N.Y., and Commander of the Defense Contract Management Agency, Northrop Grumman, Bethpage, N.Y.
Captain Timothy A. Holland serves as the program manager of the Next Generation Enterprise Network (NGEN), a secure network being procured to replace Navy Marine Corps Intranet (NMCI) to meet the warfighting and business needs of the Navy and the Marine Corps.

Captain Holland is a 1982 graduate of the U.S. Naval Academy, receiving his appointment from the state of Arkansas. He earned a Bachelor’s of Science in Engineering and was commissioned an Ensign in the Restricted Line (Aerospace Maintenance Duty Officer). After completing Aerospace Maintenance Officer training, he was assigned to Attack Squadron 22 at NAS Lemoore. He completed two deployments onboard USS ENTERPRISE (CVN-65) to the Western Pacific and Indian Oceans.

Following his first sea tour, Captain Holland attended the Naval Postgraduate School, receiving a Masters of Science in Information Technology in September 1987. He completed shore duty at the Navy Management Systems Support Office Detachment, San Diego where he coordinated introduction of NALCOMIS to fleet intermediate maintenance activities. Captain Holland’s next sea tour took him to USS INDEPENDENCE (CV-62) in October 1990 where he participated in operations DESERT SHIELD and DESERT STORM, an assignment as the forward deployed carrier in Yokosuka, Japan.

In January 1994 Captain Holland reported to the Naval Air Systems Command. Shortly after reporting he was assigned as the Navy Liaison to the Assistant Secretary of the Army for Research, Development and Acquisition. Upon completion of his assignment with the Army, in June 1995 Captain Holland was reassigned as the Fleet Introduction Team Leader for the Consolidated Automated Support System (CASS). In August 1997 he was transferred to Director of Air Warfare (N88), OPNAV, as the resource sponsor and requirements officer for aircraft propulsion systems.

In November 1998, Captain Holland reported aboard USS JOHN C. STENNIS (CVN-74) as the Aircraft Intermediate Maintenance Department Officer where he participated in operation SOUTHERN WATCH. Captain Holland reported to Commander, Carrier Group ONE (CCG-1) as the Materiel Officer (N4), in November 2000. He supported carrier battle group (CVBG) training for every Pacific Fleet CVBG including training for operations ENDURING FREEDOM and IRAQI FREEDOM. He also reported additional duty to Commander, Naval Air Forces as the CVBG Aviation Readiness Officer. During his tour he was temporarily assigned as the Wing Maintenance Officer for Strike Fighter Wing Pacific at NAS Lemoore from October 2001 to March 2002.

In May 2003, Captain Holland again reported to the Naval Air Systems Command. He was assigned as the Assistant Program Manager for Logistics for the H-60 Program (PMA-299). In August 2004 he was transferred to the Navy ERP Program Office as the NAVAIR Liaison and Deputy Program Manager. In October 2006, Captain Holland was transferred to Commander, Fleet Readiness Centers as the Chief of Staff.

Captain Holland’s personal awards include the Meritorious Service Medal (seventh award) and Navy Commendation Medal (third award).