



ITACS

Information Technology and Communications Services

Naval Postgraduate School, Monterey, California

Technology News

May 2007

CENIC

NPS will be switching to the new dual-fiber paths in mid-June and turning off our AT&T GigE connection. This will result in a reduction in network costs.

WINDOWS VISTA

New computers, by default, have Windows Vista as their operating system; however, initial testing has identified several NPS applications that are not compatible with Vista. There is a significant effort underway to verify applications and systems compatibilities in the NPS environment and to develop workarounds or mitigations for these issues. Resolution of these issues should occur later this year. As a result, ITACS will not be upgrading client systems to Windows Vista nor providing support for this operating system until early 2008.

IT STRATEGIC PLAN

Dr. Christine Cermak is beginning a series of interviews with faculty, staff and students as background information for the development of the second five-year IT Strategic Plan for NPS. Planned site visits at Sacramento State and UC Davis will also include meetings with campus leadership to assist with input in the plan. If you would like to provide feedback for the IT Strategic Plan process, please contact Dr. Christine Cermak at cmcermak@nps.edu or at ext. 2391.

IBM TIVOLI HSM DEPLOYMENT

IBM Tivoli Storage Manager Hierarchical Storage Management (HSM) has been deployed on the faculty and staff Storage Area Network (SAN). Using HSM, Server Management has migrated over 850 GIGS of files to lower-cost storage. By migrating files that are seldom used, ITACS has been able to maximize user space and minimize backup times. Files that have been migrated are indicated by a black icon in the corner of files, and can be retrieved simply by opening the file.

WIRELESS UPDATE

ITACS is currently working with Mesh Dynamics on surveys of the enclave, and is adding one access point on the roof of Root Hall. Bradford Networks is installing the network access controller. Both Mesh Dynamics and Bradford Networks are working to integrate the radius dynamic VLAN and the mesh network with Legacy wireless using the existing WEP/PSK. Removal of rogue access points within Legacy and verifying the location of existing Legacy access points is also underway. During the summer break, cleanup and full deployment of the wireless system is expected, including installation of Bradford Networks' network access controller.

NETWARCOM UPDATE

ITACS received the NETWARCOM committee's final report in mid-May. No malicious code was present on the NPS network. ITACS is also working with the NETWARCOM team to help define .edu requirements for the government.

NEW POLICY ON PERSONALLY IDENTIFIABLE INFORMATION (PII)

Portable electronic devices continue to be the leading cause of lost PII, private information the DoD collects including SSNs, birthdates, addresses, dependents, etc. Effective immediately, the CNO has established a new policy on PII, which can be found at the following link: <http://intranet.nps.edu/ITACS/Docs/PPI%20on%20Portable%20Electronic%20Device%20Policy.pdf> NPS instruction on this policy is currently in development.

INSTRUCTIONAL TECHNOLOGY

The annual walk-through of all classrooms has been completed, and the final draft of the Lifecycle Management Plan was presented to and endorsed by the IT Task Force on May 17th.



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ELLUMINATE LIVE TRAINING

Elluminate has been installed at NPS, and on May 10-11, Ms. Amanda Reed of Elluminate, Inc. trained faculty and staff on how to use the *Elluminate Live* virtual classroom software. Over 30 people attended the all-day trainings. Five more training classes will be held in the summer, and more instructional classes will be added in the fall. The Executive Committee of the Faculty Council and the library staff has been briefed on *Elluminate*.

After a briefing by Mr. Joe LoPiccolo, 5 faculty members at MIIS will be using *Elluminate*. This summer, one professor in China will use *Elluminate* to teach his students in Monterey.

REPORT FROM THE TECHNOLOGY ASSISTANCE CENTER (TAC)

From May 1 through May 29 the TAC received 1,989 requests for assistance, 1,604 of which were resolved by the Tier 1/Tier 2 areas. 385 of the remaining calls were answered by other ITACS departments/groups.

PARTNERSHIPS AND OUTREACH

The CIO of the Naval War College, **Mr. Carlos Andreau**, and **Mr. Dave Herrold**, Information Assurance Manager, visited NPS on May 7-8 to meet with key IT personnel. Discussions included the requirements for NETWARCOM, the ERN, our .edu domain, and the overall IT environment at NPS and how it serves the academic mission.

Ms. Nancy Bennett, Deputy Director of the Governor's San Francisco office visited NPS and met with **Dr. Rudy Panholzer** and the Space Systems Academic Group, the MOVES Institute, and discussed the Provost's National Security Institute, a regional collaborative initiative. IT is playing a central role in the initiative. Included in the visit was **Ms. Janis Cortese** of CENIC. The Governor will be invited to attend the CENIC membership event later this year.

At the EDUCAUSE Western Regional Conference on May 8th, **Mr. Joe LoPiccolo**, **Mr. Jon Russell** and **Mr. John Pierson** presented "Installing a Mesh Wireless Network Infrastructure with Endpoint Compliance Verification," which outlined how NPS replaced their existing wireless network, including the evaluation criteria, the implementation process, and the consideration taken of emerging wireless technologies and standards. As a result of the presentation, Stanford and UC Irvine staff are scheduling visits to NPS to learn more about our wireless deployment and design.

The Navy Higher Education IT Consortium (NHEITC) will meet at NPS in July. Both the President and the Provost are expected to address the group, and provide guidance about the consortium's agenda and focus for the next year.

On May 14 **Dr. Christine Cermak** and **Dr. Peter Denning** briefed **President Daniel Oliver** on Navy and Marine Corps Intranet (NMCI) issues.

CDR Pat Leary has been selected for promotion to Captain, USN. Captain Leary is the Director of the IP Center of Excellence, and an active contributing member of the IT Task Force advisory group.