



AUDIO-VISUAL UPGRADES

Upgrades have been made to the audio-visual (A/V) system in the Elster Conference Room (ECR) on the Mezzanine in Herrmann Hall. The former system was over 10 years old, which made finding parts difficult and costly; in addition, because VGA will no longer be manufactured after 2015, ITACS decided to upgrade the A/V system to accommodate both legacy components and the inevitable switch to digital. The thirteen inputs on the desk were scaled back to three, with HDMI, audio and VGA inputs on each.

The former dual screen has been replaced with a rear projection 2K screen with 2,000 pixels, and the projector offers improved resolution of video and PowerPoint presentations. The new podium, which is still being modified, has touch panels and room to hold a 17" laptop. A new desk has been placed in the back of the room.

The new system went live on Monday, February 14, 2011.

AUDIO-VISUAL (A/V) SUPPORT

A new phone number has been created for faculty who require immediate assistance in classrooms/auditoria: Ext. 6911, which has a "hot line" capability, one that will provide immediate and direct staff support for classrooms. The number went live on February 18, 2011; an announcement was posted on the Intranet and signs were posted in classrooms directing faculty to the number. Laminated audio-visual instructional placards are also being developed to be placed in classrooms.

A/V staff have also been conducting daily assessments of all classrooms, which has

prompted repairs that have been identified during the audits. Through LANDesk and global viewer, electronic daily visits to all classrooms will soon be implemented in addition to occasional physical checks by staff to monitor maintenance requirements and to troubleshoot problems.

CYBERSECURITY SUBCOMMITTEE

The newly-formed Cybersecurity subcommittee of the Information Technology Task Force has decided to focus on immediate needs in Cyberdefense Operations that necessitate technical and sensitive discussions; therefore, the subcommittee, which is holding its first meeting on March 3, 2011, will be limiting its initial set of discussions to a select few faculty in Computer Science and Engineering: Dr. Neil Rowe, Mr. J.D. Fulp, Dr. Jeffrey Knorr, P.E. and other invited faculty as discussions evolve. The goal of the first meeting will be develop a charter, define expectations, and draft a schedule of topics.

LANDesk SERVER

LANDesk Server version 9 is up and running in a stable "transition" mode. Currently, Information Assurance and the Technology Assistance Center have successfully installed the new LANDesk Client v9 on 21 computers — 6 Windows XP, 7 Windows 7, and 8 Mac OS X — with no impact to day-to-day operations. During the transition, version 8.7 will continue to run. A planned transition of clients will occur on a conservative schedule by subnet, allowing time for ITACS to build confidence that stability has been maintained.

Features of LANDesk v9 include the management of MacOS; a fix for profile issues, and additional power management capabilities that were not available in previous versions.



CYBERINFRASTRUCTURE UPDATE

ITACS is continuing its migration to Exchange 2010 in preparation for campus-wide implementation. Some benefits of Outlook 2010 are more server platforms, fuller featured Web access, an outbound spam filter, increased mailbox size, and Outlook Anywhere client, which will support mobile devices without changing settings.

CENIC CONFERENCE AND CINEGRID

MOVES Research Associate Jeff Weekley, Program Chair for the CENIC 2011 Conference, told the IT Task Force that the CENIC Annual Conference will be held from March 7-9, 2011 at UC-Irvine in Irvine, California. NPS has three presentations at this year's CENIC conference. In addition, CineGrid will be recognized with an award for innovation in networking for its work in collaborative post-production using high speed networks.

Mr. Weekley presented a short recap of "4K and Beyond" by explaining CineGrid, the non-profit academic organization that has been built around visualization, and of which NPS has been a Gold member since 2009.

He defined 4K as 4 times the standard resolution of high definition, or 3840 x 2160 pixels to frame a recap of past CENIC 4K demonstrations at NPS. Calit2 will host another 4K demo for the CENIC conference, connecting their two campuses (UCSD and UCI) for 4K streaming for the first time, using NPS-provided equipment for sound and projection.

Mr. Weekley said that by March 2011, NPS will have a 50 terabyte node for the backup of

critical HD and 4K data, as part of the worldwide consortium CineGrid Exchange.

In addition, the NPS Optiportal, a testbed for digital collaboration as well as local and remote visualization for e-science that was built and configured in late 2010, is a prototype visualization cluster deployed on a variety of hardware platforms which cost \$9K to build. High-performance computing rendering of experimental 4K, 8K and 10K images has also been ongoing.

Future events include Optiportal collaboration streaming demonstrations with Electronic Visualization Laboratory (EVL) and Calit2; 4K for Intelligence, Surveillance and Reconnaissance (ISR) at Tactical Network Topology (TNT) in May 2011; the California Academy of Sciences, Morrison Planetarium; and demonstrations at the Naval Undersea Warfare Center in Newport.

PARTNERSHIPS AND OUTREACH

The Committee on the Future, chaired by RADM Jerry Ellis (ret.), continues its work on developing the chapters which will be incorporated into the full report, due to President Oliver in August 2011. In support of the Committee's discovery and research process, RADM Ellis (ret.) and Dr. Christine Haska visited Washington, D.C. during the week of January 31 – February 4, 2011, and interviewed 21 key leaders from the Department of Defense and Department of Navy. The results of the meetings have been distilled into a report which will be presented by RADM Ellis (ret.) and Dr. Haska to President Oliver on Friday, February 18, 2011, and once approved by the President, presented to the Strategic Planning Council in a special meeting on February 22, 2011, and given to the IT Task Force. Overall, feedback was very positive, and it was



apparent that the School, President Oliver and RADM Ellis (ret.) are held in high regard. RADM Ellis (ret.) and Dr. Haska have scheduled another trip from May 1 - 6, 2011, to the Air Force Institute of Technology, the Naval War College and Washington, D.C. to conduct interviews with US Army, US Air Force, Department of Homeland Security, CIA and DoD leaders.

TECHNOLOGY ASSISTANCE CENTER

From February 1 - 27, 2011, the Technology Assistance Center (TAC) received 2,958 requests for assistance, 2,958 of which were resolved by the Tier 1/Tier 2 areas. The remaining 689 requests were escalated to groups outside of TAC for specialized assistance. This number represents a 44% increase in requests for assistance from February 2010.

Requests for assistance were categorized as follows:

Phone: 2,254
E-Mail: 1,128
Walk-in: 231
Web: 2
Technician: 32

This month, 91% of all calls were resolved within the Service Level Agreement (SLA). Those that were carried over are awaiting parts, pending information from the customers, etc.