

**Technology Partners Meeting – Minutes
January 11, 2005, UC 326, 10:30A**

ITO/CIS Reorganization

Steve Henry

- Steve summarized the ITO/CIS reorganization efforts that began on January 1, 2005.
- Up to this point in time, the ITO units housed in the Davidson Honors College and the CIS units have functioned as two separate groups.
- This organizational shuffling is timely partially due to the retirement of Vicki Pengelly, former director of the Client Services group and Nancy DeCou, former director of the Enterprise Information Systems group.
- The new organizational structure is as follows:
 - An Operations/Security Group has been established with Steve Henry as Senior Associate CIO. Steve will oversee the Central Systems Support group (Tom Travis, Director), the Network Services group (Stan Harris, Director), and the Telecommunication Services group (Judy Holbrook, Director). Steve is also responsible for campus IT security.
 - Jan Pruyn is now the Assistant CIO of the Enterprise Information Systems group.
 - Client Services is combining with Presentation Technology Services and the Web Development group and will be underneath the umbrella of IT Technical Support Services. The current staff of these three groups is developing an organization structure and a new Assistant CIO will be hired in the next few months to oversee this group.
 - The ITO name will replace the CIS name.
- A formal announcement of these changes will be made in the near future.

Changes to the SMTP Service

Tom Travis

- The switchover to a new SMTP service on Tuesday, January 4, 2005, went well. However, we found some clients had improper DNS entries. We left the old SMTP in place as there were a number of problems in some buildings. The new service will be back up once these DNS issues are resolved. The process proved to be more extracted than we thought. It is an excellent system but it exposed some existing problems.

Middleware Manager Update

Tom Travis

- The Middleware Manager recruitment process was unsuccessful. The application pool was narrowed to four candidates and interviews were held. Two of the applicants ended up accepting other positions and one didn't possess the knowledge and skills we were looking for. For the candidate that was offered the position, we were unable to meet salary expectations.
- We have now dropped back to assess the situation.

Directory Services Project

Tom Travis

- This project is in support of Portal, E-mail, Wireless, VPN, and Courseware-related service.
- Banner will act as the Source of Authority for the identify management component.
- A Meta directory will be constructed to support our OID, JES, and AD LDAP environments.
- Users accessing these services will use their SCAUID.
- Currently the SCAUID is used for Wireless, VPN remote access, and iPlanet e-mail services (Cue1 and Mail1). Courseware folks use the SCAUID, but have a locally hosted password that is not necessarily the same password as is used for the other services.
- Work is in progress to incorporate directory services with the campus portal, and to upgrade AD services with SCAUID data.

Questions/comments

- How will the existing AD coexist with the new AD (Active Directory)? The current AD will stay in place as we migrate to the new AD. Once the resources are available, the new AD will be used to provide access to student labs, and print file services.
- How will a migration from the current AD to the new AD impact campus departments? The migration of campus departments will be scheduled to minimize the impact. Additionally, not everyone who needs a SCAUID for University-related business is currently in the Banner system, but efforts are underway to identify and provide for these folks (those groups who have a unique UM relationship—adjuncts, affiliates, Friends of the Library, for example).
- Is there a plan to research tools to help in the AD migration? Yes, definitely. We plan to identify willing units to serve as early adopters to work through the process with us. With their help we hope to identify the issues and build workable solutions, until it sufficiently has the necessary functionality.

UM Network IP Address Transition

Michael Bloom

- To improve UM security, three years ago we began transitioning from so-called “public” IP address space to “private” IP address space. Up until this time, all computers, printers, and other network devices connected to the UM network have gained access through IP addresses formatted with a 150.131.x.x structure. The new IP address structure consists of a 10.x.x.x format.
- During Spring 2004 it was determined that early Spring Semester 2005 would be the deadline for this transition. Beginning February 1, 2005, access to the UM network will be available only to devices with the private 10.x.x.x IP address format unless other arrangements have been made.
- If you have remaining 150.131.xx IP addresses and need to get private addresses or if you need assistance in working out a plan or need a time extension, please send an email message as soon as possible to: dns-request@umontana.edu.

Email Filtering Update

Roger Holtom

- As previously announced, a new anti-SPAM and virus protection appliance called Barracuda was purchase during Summer 2004 and put into place in August. This appliance filters out incoming email messages that may be spam or virus related.
- Currently, two Barracuda machines are up and running and filtering Cue1, Library, Mail1, MSO, Selway, Server2, Umontana, and Umt.edu. If a department wants their domain added, please contact Roger Holtom at 243-2486 or email him at unixadmin@umontana.edu.
- The machines work together in such a way that if one machine is down or hit hard, the other machine picks up the overflow.

Web Update

Adrian Irish

- Adrian introduced Adrienne Herren, the new ITO Web Designer/Support Coordinator. Adrienne's background includes web development in higher education and most recently web management and implementation for Lee Enterprises newspapers in Butte and Helena.
- Lewis (www2) server migration to the www server is progressing well.

Wireless Update

Rick Waldorf

- Currently activity includes development of a networking bridge between UM and the COT-East. This will involve placement of equipment on top of a COT building. All the hardware is here and ready to install once the weather allows for safe working conditions.
- New hardware has been ordered for the Law School, Mansfield Library, and Davidson Honors College.
- We are in the process of performing site surveys to find additional common areas for deployment of future access points.
- The Health Sciences Building has made a request to Facilities Services for the installation of wiring on the 4th floor. Once this infrastructure is in place, access points will be connected.

Questions/Comments

- What is the cost for setting up a wireless access point? If a department wants to set up a wireless point, the department pays the costs. Costs for hardware include: dual diversity antennas, power injection, and access point-approximately \$650; a drop to the network costs between \$350 and \$700. If you would like to find out more about obtaining an access point, contact Rick Waldorf at 243-2619 or email him at: waldorfhr@mso.umt.edu.
- What is the bandwidth of wireless access? The Law School, for example, has a bandwidth of 5 MBS. This site is a good area to watch for trends.
- Is the any possibility of users accessing wireless without a SCAUID? Currently, we only allow the UM campus community to access wireless. Solutions for guest access have been and continue to be discussed.

Campus Building Upgrades

Stan Harris

- The campus building updates are currently moving forward slowly. This slow period is due to the fact that two electricians have retired and one is on leave.
- We are currently working on the Skaggs Building, Science Complex, and Brantley Hall. There are some major issues working in the Science Complex due to the asbestos problem.
- Our next projects include the Math Building and the School of Education. The School of Education also has asbestos issues that may affect progress.
- We are working on Main Hall as an interim project. This building has no new switches yet.
- Work on the LA Building is on hold and approximately 15% completed.
- In the near future, we have a large project to complete in the Science Complex. We need to move core equipment from the Science Complex to a new location due to a potential water hazard. Hopefully, this can be accomplished during Spring Break.

Other

Questions/Comments

- Tell us about Blackberry and how it fits into our mail system?
 - Research into the use of the Blackberry handheld device on the UM campus came out of an initiative from the Provost's Office.
 - Blackberry allows users to access their own email as it exists on their computers, has an Exchange interface, and can be used for web browsing, signing, and calendaring.
 - A Blackberry enterprise server is now in place in the Davidson Honors College. This server allows Blackberry data to be synchronized dynamically and will be tied to the University's central exchange system.
 - For further information, contact Client Support Services (formerly Client Services) at 243-5362.
- What is the University's contract agreement regarding cell phones? We have state contracts with Verizon and Cellular One. Blackberry was added for the University system only. We also have a Cellular One contract for students.

Next Technology Partners Meeting is scheduled for: March 15, 2005, 10:30A, UC 326