

**NHED CIO Meeting
January 30, 2012**

Present: Harlan, Linda, Shelly, Chad, James, Shawn and Karen
Location: Mesabi Range – Virginia Campus

1. Implementation plan and timeline for Windows 7 and Active Directory

Last fall the CIOs were asked to identify any difficulties on their campus to upgrade to Active Directory and if there would be substantial costs. The timeline for implementation is Fall Semester 2012.

Linda had a conversation with Marty Gang, the new Infrastructure Deputy CIO with MNSCU, regarding the status of STAR ID. She indicated that the System is committed to completing the project but it is unclear what all is involved and timeline for completion. Chad indicated that MnSCU staff is working with Itasca. All quality assurance testing has been successfully completed. Itasca collected student STAR IDs and set strong passwords. Itasca employee Star ID passwords are not synced with MnSCU so Itasca provides the synchronization.

Chad reviewed Itasca's Active Directory structure as Itasca served as the pilot college within NHED for implementation. The group discussed the directory structure and believes it is important for all NHED colleges to use the same structure. Chad also noted the following:

- Consider identifying an expert in "Group Policy" – this person would have a good understanding in this area and can leverage the power of active directory
- Ask employees to clean up files prior to moving to Active Directory; use tools to find big users and have them clean up files; it is very beneficial to college if files are cleaned up as the process moves much quicker.
- Assist users to save bookmarks and desktop files to network drive, cd or flash drive.

College summary of costs/difficulties for conversion to Active Directory:

Itasca: Estimated annual renewal for Active Directory is \$7,660 which is an increase of approximately \$2,500 over Novell licensing costs. The college spent approximately \$1,000 to 2,000 upgrading RAM.

Mesabi: The college will be replacing servers as part of its ongoing replacement schedule – this is not an added cost related to move to Active Directory. The college purchased 50 computers. The primary issues are staff time and training.

Rainy: All PCs have Windows7 except for 12 machines. The college will be purchasing a new server as current server is at life end – this is not an added cost related to move to Active Directory. The primary issues are staff time and training.

Hibbing: The college will be looking at the possibility of purchasing Identity Management software, Package and Patch software, Automated Deployment software, as their current software may not

work because it works with Samba and may not necessarily with Microsoft Active Directory. It is estimated that the annual Microsoft licensing renewal costs will increase \$3,000 a year. The primary issues are staff time and training. Windows7 will be loaded on computers than can handle the update. Some faculty and staff computers need replacement. No additional servers needed.

Vermilion: The licensing would increase approximately \$2,500 annually. It appears there will probably be enough room on current servers; but may need additional storage of \$5,000. Some machines may need to be upgrade for a potential cost of \$2,500.

The Active Directory training will be viewed online as a group. It is a real-time course.

Next steps: Schedule a meeting at Itasca with Todd to review structure of directories, work station set up, etc. Chad will send out a Doodle for training dates). Itasca's structure will be validated by Microsoft consultant. Todd will be available to come to each college to assist in set up

There was discussion around Microsoft outlook. Shelly noted that Mesabi has looked at four options for implementing: college sets up own server; tap into District exchange server; tap within another college or university exchange server; or go to the cloud if contract signed.

When Itasca moves students to the cloud, student password needs to be stored at Itasca and pushed to the cloud when they change. NHED should explore one exchange server for all colleges and should also ask other colleges/universities if any are interested in hosting services. Shelly will pursue discussion with Lake Superior to provide expertise that we don't have.

Future Discussion: What interest is there in supporting similar email protocols for students and employees; ask Cabinet if we should pursue asking other colleges/universities if interested in hosting services. Option would be for NHED to train/hire someone to do this.

2. Missouri Books System

The flowing in/out of data between MBS and ISRS works well at Vermilion. The process will be documented and test run at Mesabi and Rainy so those two colleges will be able to implement system for Summer Term. It was suggested that an attempt should be made to estimate the number of hours of manual inputting of student charge data to estimate cost savings.

The MBS LADE process will run through Hibbing's LADE server on VM. Ben will be given rights to MBS folder for each college. Karen will notify Mesabi and Rainy business staff that a test run of MBS will be performed using an employee or student information. Ben will run the test.

NHED colleges should have a standard set of class codes to streamline the LADE process. The class code would be the object code minus 9. Event codes should also be standardized. It was suggested that bookstore managers work together to standardize whatever codes we have control over.

3. Web Services

Ben is at the point he can start training Rainy employees on putting content on their website. He has done a fabulous job with Itasca website. He worked with Billie Sikkila, the new person with ALI on

being able to update the ALI site. Providing backup web services at Itasca is close to being completed.

Assignment: Each CIO will conduct inventory of current and needed web apps that should be moved move to Web shared services. Prioritize and bring to next meeting.

4. Sophos Renewal

Antivirus protection comes up for renewal July 1. Linda will ask Sophos what “user” means. Shelly will research costs and negotiate price. Chad said he is looking at Microsoft security product as option to Sophos.