Projects – Ed Anderson (SCS)

**U.S. 50 Fiber Project** – Ed Anderson (SCS)
Fiber is now “lit” from Carson City to Ely, although it is not passing traffic yet. There are some minor issues that need to be resolved between Carson City and Reno that will light up the Reno to Carson portion, and there is some fiber that needs to be terminated between the OA site and GBC in Ely that will light up the fiber path from the OA site in Ely to GBC itself. Once that is done, we will have total end to end connectivity.

**Winnemucca Fiber Access Node** – Ed Anderson (SCS)
All of the work associated with the project has now been completed except for the final termination of the fiber into the main backbone at the highway. All of the fiber has been pulled to NDOT, and from NDOT to GBC. The Humboldt County School District is going to be pulling fiber in and possibly some of the rural health clients as well. The splice date will probably be scheduled for the end of the month. Once the splice is completed, we will have fiber connectivity to those entities, and we can disconnect some high-priced lease lines that are going from Reno to Winnemucca.

**CENIC Connection Upgrades** – Ed Anderson (SCS)
SCS has been involved with the Super Computing Conference 2007 by facilitating the metro area fiber development into the convention center in Reno. CENIC is building up the wide-area connectivity through their network from Sacramento over our existing connection to Reno. One of the benefits we will receive from this is the connection capacity between Reno and Sacramento. We were able to redirect some last minute funds from year-end spending to procure a 50% interest along with CENIC in the upgrades. This will allow us to go from the existing 4 1-gigabit wavelength lights to a total of about 17 10-gigabit wavelength capability.

**NSC Fiber** – Ed Anderson (SCS)
The contracts were signed by the chancellor’s office and should be signed by Embarc soon, if they haven’t been already. Implementation will be 90 days from the time the contract is signed. An alternate path is in place until it can be cut over.

**North/South Network Capacity Upgrade** – Ed Anderson (SCS)
We’re upgrading our North/South capacity from the 2 OC 355 megabit connections to a gigabit connection. The existing connections will serve as backup once the primary connection is in. This is a level 3 contract we have executed, and we now have a firm install date as of the end of July. We will have it in place prior to the fall semester.
Reno-Carson Fiber – Ed Anderson (SCS)
The fiber was pulled into Carson City, and they were working on the Carson City metro loop. They had completed a lot of the underground construction and doing the overhead pull portions of the route when they were stopped by ATT. ATT is protesting that they were on the utility poles. Legally, ATT cannot prevent this, but they can make the situation difficult. They had a meeting yesterday to resolve these issues. We’re still waiting to hear the outcome of that. The in-service date is likely to be at least 60 to 90 days out. We’re trying to find out which portions of the route are being protested, and whether there might be a way to get into WNC without completing the whole loop.

P-Series Conversion – Mike Smith (SCS)
We migrated both the Fallon server and the Pioneer server on the same weekend. We moved from Solaris 9 to Linux operating system. We converted from a standard UNIX authentication scheme to LDAP. We made modifications to our account management system, SWAMI. We migrated campus websites: GBC, WNC, and several others we housed. We migrated over 260,000 accounts and their data. There are 26 servers and it’s virtualized on the P-series, so they’re broken up into LPARs. The project is complete and has been running for 2 weeks now. Most of the issues encountered have been resolved.

Mustang/Bighorn Upgrades – Pam Burns (SCS)
In May, we updated the operating system and system utilities on Mustang. Last month, we updated the operating system and system utilities on Bighorn. We also completed hardware upgrades on both boxes. Mustang runs the financial and HR system. That was a fork-lift replacement. The system now runs faster and has more current technology. We almost doubled its processing capability so the response time is much faster. That was completed on Saturday.

Bighorn was a technology replacement. We’re running at about the same capacity level, but the new technology allows us to have more levels of upgrade when we turn on capacity-on-demand for the registration cycles.

WNC Lotus Notes – Susan Bunyan (SCS)
WNC is moving their faculty and staff email to Notes Server, and they’ve outsourced that to SCS. Those servers are in the process of being put into racks at SCS. We’ll be bringing that up by August 1st. We have a pilot group from WNC that will be our first group. In the fall, we’ll migrate the rest of their faculty and staff off of Fallon onto the Notes. Their notes accounts will be wnc.edu. Their Fallon mail (primarily for students) will be wnc.nevada.edu. We’re working on the conversion process for loading the information out of HR and Fallon to migrate and build accounts on Notes, and planning for training so they can train all their instructors and staff as they come on board.

GBC/WNC WebCT/Blackboard CE6 – Chris Gaub (SCS)
SCS is hosting a new CE6 environment for WNC and GBC. Our implementation partners in this project are Blackboard and Sun. The servers have been up and running for a few weeks now, and they have been turned over to GBC and WNC.
for production uses. We’ve integrated a fair amount on the student information system into the application, and GBC started teaching two small classes on their server complex as of yesterday.

**Applications Update** – Dodie Bryant (SCS)

**DARS Web Interactive Audit Project**
This will allow student and faculty to do “what if” scenarios and produce their own audits. We have hardware ordered, and we’re waiting for the UNIX systems group to configure our hardware.

**Distance Education Catalog Project**
We’ve been working with the System Office and other schools on this project. We’re rewriting the existing catalog into oracle and updating it to meet the system’s needs. It should be out in November.

**SIS Extended Hours Project**
We’ve extended the hours without official notification. The actual hours will be provided at next month’s meeting.

**System Software Update** – Susan Bunyan (SCS)

We have sent out bills for Blackboard and ESRI. You have Novell ALA forms to send in. We’re a little behind on Symantec but won’t be cancelled. You will be seeing our request for updates on those licenses. We’ll also be paying the SBSS bill. Then coming up will be SASS, and then Feronics for deep freeze. Between now and October, we’ll be doing a lot of billing and paying of software licenses.

Some campuses are already participating with a couple of vendors individually, so we will look into whether there’s any advantage in combining those contracts. One of them is called Smart Thinking, where the campuses pay for tutoring hours for the students. The other one is called Presidium. This is a company that does help desk for WebCT, helping students with passwords and things like that.

**Security Update**

**Moss Adams External Audit** – Paul Mudgett (SCS)
The management responses have been submitted to the external auditors. We’re waiting to see their final report.

**Security Interest Group Activities** – Jana Dunn (SCS)
Upcoming Security Interest Group meetings:

**July 13th**
10:00 – 11:00 (note: later than our usual start time)
Webinar – Please join the meeting from your office/desktop

Introducing **Barbara Chung**, Microsoft’s Chief Security Advisor for Education
Security Briefing and Industry Update

Significant changes in the security landscape over the past year
  What statistics tell us
  Prevalent attack types
The big challenges
  From an industry perspective
  From the perspective of staff maintaining systems
What is available on the Windows platform to help

August 17th
To be rescheduled to Sept., if possible; new date TBD in late July
9:15 – 11:00
Lyle Pritchett and Brad Martin, DRI Improving Perimeter Security with a Checkpoint Firewall
Clint Ulrich Agriculture Ext. Deploying Wireless at 17 Small, Remote Sites

As of July 1st, Jana Dunn is now working as a senior security analyst for Paul Mudgett in the Security Area.

Data Security Policies – Paul Mudgett (SCS), Chris Winslow (TMCC)
The Board of Regents have required every institution to send them data security policies for how each institution is going to set up security for confidential documents etc.

The original date that they requested the institutions to provide their security policies in regard to complying with the Board of Regents new data security policy was sometime in May. The new date for it to be received by the System Office was July 2nd. The data security policy has already been approved. It covers protecting confidential information in regard to the data breach notification law for the state of Nevada, and how the institutions will respond to those types of incidences. There will probably be some more work done from a system level to get a more consistent feel across the board for protecting sensitive information.

Operational Events/ Issues

None offered.

Other Issues

None offered.