May 6, 2008
Connectivity Committee Meeting
MINUTES

**Network Major Projects** – Ed Anderson (SCS)

**CSN WAN Connection Upgrade** – Ed Anderson (SCS)
CSN upgraded from a 100 MB/s connection to a 600 MB/s connection. The upgrade took place on the 24th of April without problems.

**Tonopah Router Upgrade** – Ed Anderson (SCS)
This project entailed the purchase and installation of a new router to address growth issues in the Tonopah hub site. The upgrade was installed on May 2nd and went well.

**Elko/Ely Router Upgrade** – Ed Anderson (SCS)
This project involves the purchase and installation of a new, more robust router in Elko and the relocation of the existing Elko router to Ely. The upgrade is expected to be completed on May 15th resulting in some much needed capacity increases.

**Reno/Carson Fiber Project** – Ed Anderson (SCS)
The fiber into Carson and into the DOIT and NDOT facilities has been installed and tested. As of May 5th, they have started working on the western portion of the loop which will bring it around from the NDOT and DOIT facilities to WNCC. Within 4 to 6 weeks, that portion of the fiber should be available to us. There will be some testing and implementation of equipment after that. DOIT and NDOT have requested that we get the service provision between the POP and Carson.

**Pahrump Capacity Addition** – Ed Anderson (SCS)
We have been working to get higher capacity into the GBC facility in Pahrump. Because of the lack of facilities and infrastructure there from numerous carriers, we’ve had limited options. However, in spite of that, we hope to have a DS3 in that location by fall. SCS hopes to be able to absorb the costs of this project.

**Systems Support Services** – Chris Gaub (SCS)

On the evening of May 16th, we will be upgrading the firmware and the VIO on the P systems in Las Vegas. This impacts email, SWAMI and the LDOT in southern Nevada. It will be a rolling outage. We will do one server at a time with each server outage taking as long as 30 minutes. We will start this at approximately 8:00pm and if everything goes well, we should be done by midnight. We chose Friday because our examination of usage indicated that was our point of lowest use.
**iNtegrate Infrastructure Update** – Christopher Gaub (SCS)

The RFP for the iNtegrate server infrastructure went out on April 21st and will close on May 29th. We had a proposers’ conference here last Wednesday. It was attended by IBM, Sun, and Dell – along with Sun’s business partner, the Root Group, and IBM’s business partners – Source One and Cyber. We received a series of clarifying questions back from IBM, Sun, and Cyber, and have answered those.

I have sent correspondence to the CTO’s of each institution asking for membership in an RFP review committee, and a few have responded at this point.

**Client Services/System wide Software** – Susan Bunyan (SCS)

We are gearing up for a number of renewals in July – SPSS, SASS, ESRI, Blackboard, etc. Blackboard is a new contract, so we’re waiting for them to send us their new terms.

DE coordinators from a couple of the campuses have asked us to negotiate a system wide license for Smart Thinking, which is on-line tutoring. So we’re working on that.

We have also been asked by some of the testing centers to help them keep a state initiative price for placement testing by helping to organize the institutions into a consortium for that purpose.

**Security Update**

**Security Interest Group** – Jana Dunn (SCS)

The Security Interest Group will meet on May 30th at 9:15 for two presentations from our group members; this will be a video conference:

Paul Mudgett and Jana Dunn, SCS – *Tabletop Disaster Recovery Testing: Initial Results and Next Steps*

Jeff Cox, GBC – *Where's Waldo: Associating Network Activity, DHCP Leases, and End-Users*

On July 25th, the SIG will host a presentation by Cisco’s Patrick Gray – *The Dark Side of the Internet*. Mr. Gray will discuss recent, chilling changes in the Internet threat landscape and the strategies we can use to defend our networks and systems against the latest attack tactics.
**Spam Issue** – Chris Gaub (SCS)
We continue to track attempts at phishing and compromised accounts. When we see a phishing attempt or spamming attempt, our filters often trap it, although sometimes it gets through. As we find those instances, we go back and update our filters. Then they modify their emails to make it through our filters and the process repeats itself. Phishing volume is down significantly from what it was a month ago primarily because of stricter filter rules.

When we identify a compromised account, either by the flow of email or identified by the user, we suspend access to the account and ask the user to change their password to one that is more robust.

**Operational Issues/Events**

**New Core Implementation** – Jeff Wolff (UNR)
We’re implementing our new core, part of which will go into production about May 21st. We wanted a couple of additional temporary gig interfaces that we could test the new equipment against without using our active address space. Kirk Fitzgerald and Scott Jung were able to help us with that, and we wanted to thank them.

**Other Issues**

None offered.