

ITEC Advisory Council (IAC) Meeting Minutes

Wednesday, October 10, 2007

3:00-5:00 PM

Weber Building, Room 202

<http://iac.colostate.edu>

Members in attendance: Don Albrecht (Libraries), Mike Brake (CASA), Pat Burns (VPIT), Bryan Carney (ASI), Dave Carpenter (CAHS), Larry Cobb (CVMBS), Jim Cox (CNS), Troy Fluharty (B&FS), Bill Haid (EA), Don Hesser (IS), Chris Ketterman for David Thilmany (CLA), Neal Lujan (DSA), Robin McGee (WCNR), Mavis O'Connor (IR), Jon Peterson for Ron Splittgerber (Research), Ed Peyronnin (CAS), Mark Ritschard (COE), Michael Schoenly (DCE), Adam Warren for Leslie Hilbert (CCS), Ruth Willson (Coop Ext)

Guests: Scott Baily (ACNS), Melody Brake (ACNS), Sally Hibbitt (ACNS), Ken Johnston (IS), Rusty Scott (ACNS)

Meeting was called to order 3:05pm

1. Additions or changes to this agenda
 - a. None.
2. Approval of minutes of 4/11/2007 IAC meeting
 - a. No corrections, passed unanimously.

Agenda items

3. ARIES project update
 - a. Bill Haid reported that the new SIS was fully live and that the beginning of the semester went exceedingly well. Maintaining a cautiously optimistic posture heading into the first cycle for recording grades. Info coming soon to faculty regarding the process for entering grades. Document management systems are being analyzed for integration with ARIES. Mike Brake reminded everyone that services in ARIESweb continue to grow, including a new unofficial transcript function, and limiting of views for GTAs.
4. ODS project status
 - a. Ken Johnston reported that IS would have a web page available in the next few weeks that would allow users to change passwords for central administrative applications.
5. RamCT project update
 - a. Pat Burns presented a summary of the RamCT project, including a brief history of the project, the architecture, challenges at the beginning of the semester, current issues and successes for the project. See attached.
6. Networking
 - a. Wireless expansion/upgrade project status.
 - i. The current wireless expansion project includes a few new access points for new or supplementary coverage, and radio upgrades to bring everything up to 802.11g. That project is about 20% complete.

- ii. Outdoor coverage in the LSC Plaza area, as well as the terrace on the west side (food court) area is complete. Continuing to work on outdoor coverage around water feature (Physics/Wagar) and the “Montfort Quad” (NESB, Plant Science, Animal Science).
 - b. National high performance and research networking – Tragedy or comedy?
 - i. Internet2 and National Lambda Rail are two high-speed research and academic networks with nearly identical footprints. Like many research universities, CSU is a member of both. Merger discussions have been on again, off again for nearly two years.
 - ii. On August 16, the Merger Planning Team (MPT) submitted its report and recommendations to the NLR and Internet2 Boards. Included in that report was a proposed Vision statement, a Definitive Agreement to Merge, Bylaws for I2-NLR, and several financial pro forma scenarios for I2-NLR over the next six years. Soon after that, the I2 board approved the merger as proposed.
 - iii. On August 30, the NLR Board met to consider the MPT report and vote on the Definitive Agreement. Although NLR’s Board voted unanimously to continuing to pursue a merger with Internet2, NLR did not endorse proceeding with the Definitive Agreement in its August 30 meeting.
 - iv. On October 4th, the NLR board prepared a list of the most significant issues and proposed solutions and submitted that for consideration by the Internet2 board, in the spirit of continuing the merger negotiations. Stay tuned for more details as this unfolds.
 - c. State networking infrastructure summit scheduled for November 16th.
 - i. This will provide an opportunity to review the academic, research and business needs of the State, in combination with a variety of available resources, technologies, and funding models. Great potential for multi-agency collaborative efforts to advance networking in the state.
 - d. IP Video
 - i. Demonstrations for State legislators on how distance education is being used: Senator Bob Bacon and other congressional representatives took part in a series of opportunities to see first-hand how distance education is enhancing education in rural parts of the state.
 - ii. 16 TV Channels of IP multicast available in the residence halls.
 - e. RIAA/MPAA activities
 - i. Recent meetings of the UTFAB, ASCSU and the Residence Halls Association have included discussion about how the university should handle letters offering early settlement. A motion at Monday night’s RHA meeting passed unanimously to have the letters forwarded to the students. Peer-to-peer traffic continues to gain momentum within the RIAA/MPAA, as are the stakes involved.
7. Security
 - a. Utimaco full disk encryption project – advantages of newer (Enterprise) product

- i. SafeGuard Enterprise is Utimaco's only option for Vista support (inevitable). Based on experiences at UNC, Enterprise is the only way to go. Raises implementation questions regarding administrative rights to the machine.
 - b. IT Security Awareness activities
 - i. Weekly brown bag meetings, posters, web site (<http://www.acns.colostate.edu/?page=security>).
 - c. Watchfire AppScan – SQL injection vulnerability scanner
 - i. ACNS plans to offer a web application vulnerability scanning service using WatchFire AppScan. Vulnerabilities such as SQL injection, cross-site scripting, HTTP response splitting, backdoor/debug options, buffer overflows, LDAP injection, cookie poisoning, etc.).
 - d. PKI Workshop scheduled for November 15th
 - i. Conducted by Scott Rea at Dartmouth. The campus needs to be careful about how and when to deploy PKI within ColoState.EDU.
 - e. E-FOR³T activities
 - i. There is a higher education consortium forming with interest in the State's "enterprise Facility for Operational Recovery/Readiness/Response and Transition services" (e-FOR³T).
- 8. Keyless access integration with RamCard
 - a. Working with Facilities and the RamCard office to make the campus standard for keyless access (Software House International's CCURE product) fully interoperable with the new RamCards. Existing installations will be converted, and new installations will be set up to use the smart chip embedded into the newest RamCards.
 - b. Only EMT members will receive cards with 'Emergency' status.
 - c. Scott Baily will work with CVMBS to address 'guest' access cards.
- 9. Additional announcements:
 - a. Subnet managers meeting Wednesday, 10/17 2:00-3:30 in Aylesworth C111.
 - b. IS will implement their firewall Thursday, 11/11 at 7:45 AM.
- 10. Email – Rusty Scott
 - a. Outsourcing student email investigation
 - i. Microsoft and Google representatives will meet with UTFAB and ASCSU students and ACNS staff next week to describe and demonstrate the products offered to higher education institutions.
 - b. Email traffic management
 - i. Traffic (mostly spam) continues to grow:
 1. April 2006 – 1M messages/day
 2. December 2006 – 3M messages/day
 3. October 2007 – 3.5M messages/day dropped at border, 3M messages/day being scanned by Proofpoint.
 - ii. Challenges
 1. Sporadic delays in border mail gateways, researching with IBM.
 2. Occasional slowdowns are due to large-scale spam attacks on systems.

iii. Proofpoint specifically

1. Recent software upgrade yielded significant performance increase.
2. Pending project: split functions of Proofpoint 'master' to decrease the time needed to create digests and increase our ability to add scanning agents.
3. The campus has been blocked from sending to Comcast and AOL because of high volumes of spam coming from CSU. Recently increased licensing to allow us to scan outbound email destined for Comcast and AOL (more to come) to minimize the amount of spam the campus sends to these providers, resulting in our being removed from the block lists.

11. eID Password Refresh

- a. Code is now in production that disables passwords after users have been warned with 5 email messages over a 2 ½ week period. The code also allows a user to reset their password after it has been expired using their old (original) password.
- b. This process keys off of an 'expiration date' in the eID data that has not been populated, except for those in the pilot test. This field will be populated with dates before the end of the calendar year to comply with Pat Burns' response to the audit finding. The consensus from campus is that this should be rolled out in randomized fashion so that entire departments are not set to expire at one time. Pat Burns will work with ACNS staff to establish the time line specifics and communicate that back to the IAC.

12. FMS-RMS update, Kualii

- a. Pat reported that Tony has approved proceeding with the Kualii Finance System, and that we are close to approval for Kualii Research Administration.
- b. Troy Fluharty reported that one hire has been made (java programmer) for the Kualii project and the efforts to hire another continue. More as it becomes available.
- c. We have contracted for services from rSmart to assist with implementation of our Chart of Accounts on Kualii, including recommendations for revising our existing Chart of Accounts for future implementation.

13. RAVE alert

- a. Students have been able to opt into the mobile emergency alert program via RAMweb and will be included as part of the 'registration ready' process for Spring '08.
- b. Over 12,000 registrations at this point and the number continues to grow.

14. Student Mobile Communications Program

- a. A small population of students have subscribed, more info to come.

15. Pat Burns mentioned that the next IAC meeting (December) would likely have a focus on security policies on campus, including the proposed background checks for IT staff and Risk Assessments in the departments.

16. Meeting was adjourned at 4:30pm.