University of Wisconsin System CIO Council Meeting

December 15, 2011

UW-La Crosse

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Ed Meachen explained that the UW System (UWS) CIO Council is now holding some of its meetings at the UWS institutions and others via videoconferencing as part of President Reilly’s initiative to re-examine how business is conducted. UW-La Crosse Chancellor Joe Gow welcomed the Council to the campus and to its newest academic building and commended CIO Mohamed Elhindi’s leadership. He expressed his gratitude to the CIO Council on behalf of the UWS chancellors for all of the work that is being done to make the Human Resources System (HRS) successful.

UW-TISC Update & LAB report

Chris Liechty reported that the Technology and Information Security Council (TISC) met during the recent UWS IT Management Council (ITMC) conference. The TISC has created an open wiki that is accessible through the UWS federated identity. Affinity groups are being formed around various topics, including:

- Security Awareness
- Documents and Notes
- Identity Management
- Mobile Computing
- Policies, Guidelines, Standards

A demonstration of security tools was featured at the ITMC meeting. A TISC charter is being drafted that will provide for a liaison to the CIO Council as well as rotating chair positions. The charter also recommends that any new security purchases that are proposed to the Common System Review Group be vetted through the TISC. A list of primary security contacts for every campus has been developed.

Institutional plans for restricted data are being shared within the TISC. The first phase is identifying restricted data on campus computers. The UWS institutions can procure the IdentityFinder tool through UW-Madison. There are challenges in following up with end users when restricted data is found on their machines because contacting people one at a time doesn’t scale well. David Dumke says that UW-Stevens Point is first meeting with deans and department chairs then running Identity Finder scans and meeting with the individuals who use the identified computers. The effort requires about .75 FTE and is expected to finish during the next academic year. The effort was launched by a letter from the provost to the campus.

At UW-Madison, the local units are running scans and remediating computers before DoIT is engaged to verify at the results of their efforts. UW-La Crosse has begun by looking first at devices such as multifunction printers and copiers because that is the shortest path to concrete results.

The UWS Office of Operations Review and Audit is auditing privacy controls throughout the UW System and the TISC has offered to partner with them.

The next TISC meeting will be in spring 2012 for one day at UW-Platteville and will focus on incident response procedures.

Ed Meachen distributed his response to the Legislative Audit Bureau (LAB) report on access credentials within the UW System and noted the achievement of Level of Assurance 2 (LOA-2) for specific individuals who use the financial system today and by extension to specific individuals who will use the HRS in the future.
Liechty explained that there are three basic options for securing credentials:

1. Pursuing LOA-2 for the institution
2. Pursuing the InCommon Silver framework (that is similar to LOA-2) for the institution
3. Obtaining digital certificates for specific individuals

**InCommon**

The goal of the UW System is to have all of the UWS institutions using InCommon for inter-institutional authentication purposes. Seven UWS institutions either are, or soon will be, members of InCommon. Bruce Maas explained that the Ohio university system worked with OARNet to streamline the InCommon membership process for 14 public universities and 23 public community colleges. Eventually, LOA-2 will not be a relevant credential for those outside of the UWS because federal agencies will begin requiring InCommon for identity management. It would be a positive development for the technical colleges to also become InCommon members.

The new Internet2 Box service, which is similar to the commercial Dropbox service, gives web access to file storage. Because Internet2 is negotiating the terms and conditions for Box, issues such as FERPA, accessibility and possibly HIPAA will be addressed.

**D2L Mobile Campus Life**

Lorna Wong introduced Paul Stisser from D2L who described, via webinar, their new D2L Mobile platform. On January 18, D2L will be offering another webinar for anyone from the UW System who wants to try out the app development platform. Attendees will leave the webinar with a new application downloaded onto their device, but not available in an app store.

D2L is currently supporting the Apple, Android and Blackberry platforms and will also support Windows in the February timeframe. There are currently 15 higher education institutions using the D2L CampusLife application development framework. Applications are built by clicking and dragging different modules into the app framework. Examples of modules include news, calendars, announcements, the library (Voyager), maps, transit, social media, etc.

Once the app is ready, it can be downloaded and previewed before launch. It takes about 4-5 minutes for the app to be generated.

The D2L Mobile Developer Program provides a transition plan for converting modules to D2L open source. The program can be used by courses, Admissions offices, Alumni offices, etc., to develop targeted applications for their needs.

D2L will speak further with Lorna Wong regarding the authentication strategy for applications such as the gradebook.

D2L is about to launch an offline assignment grader as an iPad application, and will soon offer most of its technology products through a mobile platform.

Lorna Wong will send CampusLife pricing information to the CIO Council. Meanwhile, UW-Milwaukee is moving aggressively with Titanium for mobile development and is creating an associated Living Learning Community for students. Mobile application development is being integrated into courses.

eText
Lorna Wong explained that there has been discussion at the national level regarding the penetration of electronic textbooks into the curriculum.

Bruce Maas reported that UW-Madison is collaborating with Internet2 on a one semester pilot of a NetPlus service will encompass up to 1,000 students and up to 10 course sections using CourseLoad and McGraw Hill content plus some open content. Other participating institutions include Berkeley, Virginia, Cornell, Northwestern, Minnesota, Iowa and Ohio State. The participating faculty will be able to use the integrated etexts in their D2L courses.

Meanwhile, a UW-Milwaukee professor recently demonstrated a very elaborate course website - actually a mini learning management system - that he built with complimentary resources from McGraw Hill. His students purchase access to the site. Jim Jorstad predicted that McGraw Hill’s long-range strategy is to directly compete with D2L and not integrate within it.

The CourseSmart company has proposed integrating their products with D2L at no cost to the UW System. Faculty would have access to a catalog of resources for building etexts that students would presumably purchase through their campus bookstore. The CIO Council expressed policy concerns regarding integrating multiple etext purveyors within D2L.

Elena Pokot pointed out that the primary issues regarding electronic texts have little to do with technology and suggested that the CIOs assess the levels of interest in etexts at their institutions. Lorna Wong will distribute a few survey questions to the CIOs as well as a spreadsheet showing the number of McGraw Hill accounts per campus.

Tour of Centennial Hall

Some 10% of the construction costs of the building went to technology resources.

WiscNet Update

Dave Lois reported that the WiscNet board met this week. There is a strong coalition of WiscNet supporters who realize the fundamental role the organization plays in supporting the UW System as well as other public institutions. Given the current legislation regarding WiscNet, an ad hoc subcommittee is doing contingency planning. Nevertheless, the message is that WiscNet will not disappear. The audit of WiscNet will probably not report out until 2013.

Draft CIO Operating Procedures

An updated draft of Council operating procedures based upon the feedback at the last meeting was distributed. No changes were proposed.

CIO Nominating Committee Report

The nominating committee of David Dumke, Marsha Henfer, and Kathy Pletcher put together a slate of CIO Council officers for calendar year 2012 including Elena Pokot (Chair), Mohamed Elhindi (Vice Chair and Chair Elect) and David Stack (Secretary). The proposed slate was elected by acclaim. It will take some time to work out the logistics between the new officers, the UW System Administration and UW-Madison staff. Having officers from the UWS institutions should result in more campus involvement in the operation of the Council.

SIS Update
Chip Eckardt reported that the Student Information System (SIS) Steering Committee has proposed a new budget at about the same level as last year, although the amount of work for the MILER core team is not exactly known. A Service Level Agreement might be cut with DoIT to backfill if necessary. Two subgroups have been formed for the Transfer Information System (TIS) and the Central Data Request (CDR.)

Going forward, the staff at the UWS institutions will be asked to examine and verify the SIS release notes and to contribute their comments. UW-Eau Claire has their functional staff take the lead on reviewing the notes and short meetings with IT are part of the verification process. UW-Parkside and UW-Oshkosh have similar processes.

### 2012 CIO Meeting Schedule and Locations

The dates of the 2012 CIO Council meetings have been distributed. A videoconference will be planned for January 19th that can be cancelled if there are not sufficient agenda items. The Council will meet at UW-Oshkosh on February 16th. Another videoconference will be held on March 15th. The April 19th meeting will likely be rescheduled to coincide with the IT Management Council on Monday and Tuesday of that week. On May 17th, the Council will meet by videoconference. The June 21st meeting will be in Madison.

### Proposed ITMC Spring Meeting Dates

The semi-annual IT Management Council meeting will probably be held at Stevens Point on April 16-17, 2012.

### HEUG Attendance

The annual Alliance conference for the Higher Education User Group ([HEUG](https://www.heug.org)) of institutions that use Oracle application software will be held in Nashville in March. It is up to each UWS institution to determine how many people to send.