

University of Wisconsin System Administration Information Technology Plan Project Update for Fiscal Year 2013

This report is an update to the plan issued in fiscal year 2009. That plan included the year 2012 technology vision, strategic directions and goals as well as the technology planning principles.

Below is a status summary for each of the projects listed in the 2009 UWSA IT Plan, new projects listed in the 2010 UWSA IT Plan Update, new projects listed in the 2011 UWSA IT Plan Update, and new projects listed in the 2012 UWSA IT Plan Update. These projects are in alignment with our 2012 information technology goals as stated in the 2009 plan.

Projects completed in fiscal year 2009

- Restructured CDR base tables to incorporate new federal rules regarding race and ethnicity
- Distributed Wisconsin GI Bill reports to UW System institutions
- Created a web based compensation calculation for potential employees to be able to determine the estimated value of the complete compensation package offered to employees.

Projects completed in fiscal year 2010

- Replaced email/calendar service
- Re-engineered the current Transfer Information System Phase I
- Upgraded Storage Area Network Infrastructure
- Upgraded Firewall Infrastructure
- Upgraded VMware Infrastructure
- Update databases from official source of data
- Establish Business Continuity and Disaster Recovery infrastructure at a different site
- Restructure the HRIS database to incorporate new federal rules regarding race and ethnicity
- Create a database system to incorporate the new post 911 supplemental payment requirements of the Wisconsin GI Bill tuition remission system

Projects completed in fiscal year 2011

- Completed the Transfer Information System Phase IV pilot with UW-Madison as the receiving institution and the remaining UW System institutions as well as the WTCS (Wisconsin Technology Colleges System) schools as the sending institutions.
- Completed the Purchasing Card Application

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- Electronically distributed WI GI Bill Tuition Remission Information to UW System institutions
- Completed the Sick Leave Estimator
- Migrated queries and jobs from Hyperion Foundation 8.5 to Oracle Interacting Reporting 11
- Completed the Windows 7 Assessment
- Upgraded Oracle from version 10 to 11
- Implemented the video conferencing infrastructure
- Rewrote InfoAccess queries to Enterprise Productivity Manager (EPM) queries
- Reconfigured HRIS data load to access the EPM instead of InfoAccess
- Changed the CDR data submission to include Longitudinal Data Systems data
- Replaced AIX UNIX based hardware with Intel Linux based hardware
- Upgraded Oracle data base operating systems from AIX to Linux
- Performed the ACT document distribution
- Upgraded 780 Regent Street wiring closet to campus 21C network standards

Projects continuing in fiscal year 2012 and 2013

- **Transfer Information System Phase IV** – We plan to add UW-Oshkosh and another UW institution as receiving institutions. We will start working with the vendor to complete the interface needed so we can add as receiving institutions, the UW System institutions using the Peoplesoft application.
- **Oracle Database Clustering** – We will move Oracle database data files to a common storage system between all databases. This will allow us to provide failover when an Oracle instance goes down.
- **Prepare new file service infrastructure** – We will purchase and install Xythos Document Management Suite licenses to establish document classes and workflow processes prior to migrating file service off Netware.
- **Distribute Tuition Remission Information to UW System institutions** - We will provide an electronic method of distributing institution and systemwide data to UW System institutions via the internet. The purpose is to protect institution and systemwide data by means of secure connections and single sign-on authorization. This project will securely provide data to institutions in a more consistent manner.
- **Migrate file services from Netware to Xythos** – We will assess the effect of document scanning initiative on Xythos implementation, particularly on the implementation of document classes conforming to UWSA records retention schedules.

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- **Deploy Windows 7 operating system to UWSA desktops and laptops**
- **Investigate paper document imaging and management.** This is an ELFS life insurance requirement but has broader applications
- **CPB Support** – Identify scope and requirements of GIS service infrastructure and land records digitization and retrieval
- **HTTP Services** – Convert my.uwsa.edu content architecture to a third-party Content Management framework MODx
- **Develop my.uwsa.edu** dashboard services with MODx for Footprints, Zimbra and Xythos
- **HTTP Services** – Upgrade static content servers and establish service redundancy
- **Evaluate End-Point Security requirements** – Look at providing an even more full-featured end-point security system which will cover UWSA computing and storage end points in more depth than with just anti-virus protection, and to cover more operating systems than just Windows
- **Restricted Data** – Survey UWSA departments for the presence of “Restricted Data”. Write a risk analysis and create a risk migration recommendation report for each department
- **Wisconsin GI Bill** batch update and supplemental payment online application
- **Establish Continuity of Operations** “hot” site at Pyle Center
- **Longitudinal Data Systems** – as a DPI sub grantee, received an ARRA grant to incorporate the Wisconsin Student number in the UW System student databases (grant expires June, 2013)
- **Changes to CDR** due to accountability, growth agenda
- **Restructure the CDR** student database to improve data normalization for better ease of use, and build new key structure to improve performance and reduce social security number exposure
- **Combine** the CDR2 and CDR3 instances
- **Develop** mobile application infrastructure
- **Establish collaborative network support services** at the Regent Street offices

Postponed projects

The below projects are on hold due to lack of customer resources. They may restart in FY2013.

- **Distribute Extramural Salary Information to UW System institutions** - We will provide an electronic method of distributing institution and systemwide data to

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UW System institutions via the internet. The purpose is to protect institution and systemwide data by means of secure connections and single sign-on authorization. This project will securely provide data to institutions in a more consistent manner.

- **Create/Revise the current Facilities Planning Data System** – We will collaborate with all UWSA departments which relate with or report on Facilities data. We hope to develop a single system to meet the needs of all departments involved.
- **Replace the current application program version system** - We will replace the CVS with Subversion for better control of software development and release management. The scope of this has changed to a review and upgrade of the entire development platform infrastructure

Dropped projects

The below projects are dropped.

- Establish OIS best practices policy for web application data
- Revise IAA processes through early adoption of the IAM
- Incorporate chat into UWSA culture
- Consolidate SSL Certificate Presentation, Negotiation, and Management to an “SSL Farm.”