



UW Information Technology

Committed to Efficiency



UW Information Technology (UW-IT) is responsible for strategic oversight, planning and direction of the University's information technology infrastructure, resources and services. UW-IT partners with the UW community to provide information technology in support of innovation, learning, discovery and service.

Leveraging Technology to Cut Major Infrastructure Costs

- ▶ **Reducing email infrastructure costs** by moving student email and other services to the cloud.
- ▶ **Reducing data center power, network and space demands** while lowering hardware and environmental costs by virtualizing 20 percent of our Computing Infrastructure Services servers in 2010. Our goal is to convert an additional 10 percent annually.

Using Technology to Automate Business Processes, Significantly Reducing Costs

In collaboration with our business partners, we are:

- ▶ **Providing better financial information faster** and saving thousands of hours of staff effort through a real-time financial information system, which offers online budget planning worksheets (without the need to download data) and soon will provide online reconciliation and approvals.
- ▶ **Streamlining and automating faculty effort and cost-sharing certification** required by grants—improving compliance, providing staff with better information and saving significant staff time.



- ▶ **Providing better access to financial, student and other enterprise data reports** and generating consistent, reliable information to help make strategic decisions using an Enterprise Data Warehouse, data analytics and reporting tools.
- ▶ **Automating grade submissions**—enabling instructors and TAs to submit final grades electronically and students to view grades faster online using Catalyst GradeBook.
- ▶ **Reducing printing, saving 3 million sheets of paper**—a 43 percent decrease in printed reports from UW administrative systems since 2008—and increasing accessibility and convenience by moving reports online.
- ▶ **Providing faster travel reimbursements** and saving staff time and money by electronically processing and routing travel expense reimbursements and eliminating paper vouchers.
- ▶ **Paying vendors electronically** rather than by paper check—reducing reliance on old check printing equipment, better predicting cash flow and saving on the costs of paper check-stock, mailing and handling.
- ▶ **Moving suppliers to e-invoicing** to decrease double-shipping charges, improve ability to compare invoices with orders and simplify reconciliation.
- ▶ **Transferring skills and technology among research groups** through a partnership with the eScience Institute—reducing costs and increasing efficiency and productivity.

Creating Strategic Partnerships to Save Money and Meet Demand

- ▶ **Greatly extending access to Microsoft software** at significant savings through a ground-breaking agreement with Microsoft—providing Microsoft products to students, faculty and staff in all departments on all campuses.
- ▶ **Developing a world-class mobile infrastructure** to support UW education and research missions while containing costs and positioning the University for the future. This includes:
 - ▶ Working with AT&T and T-Mobile on discounted purchasing for students, faculty and staff as well as greatly improved coverage on and around the campuses and medical centers.
 - ▶ Engaging in strategic partnerships to improve mobile access to UW resources.
 - ▶ Working on the next-generation Wi-Fi network to support higher speeds and increasing mobile usage.
- ▶ **Saving money on desktops through a new strategic partnership** with HP and CDW-G that enables UW units to buy fully-equipped computers at competitive prices—saving 30 percent on some systems while eliminating time spent searching for the best deal.
- ▶ **Saving \$1 million on mainframe software costs for Unisys**—an operating system supporting mission critical UW administrative applications—through a new strategic agreement that addresses increased capacity needs while using the current hardware platform.



- ▶ **Improving UW data storage services** by providing high-performance, scalable, cost-effective, long-term file storage for the UW research community; enhancing file storage for faculty and staff; and converting a sizable UW-IT data storage pool to a unified system that improves service continuity, meets growing customer demand and saves money.

Upgrading Phone Systems to Reduce Costs

- ▶ **Upgrading aging optical transport equipment in UW telephone systems** to provide increased capabilities while reducing costs by using less real estate, power and HVAC resources. Managing the new equipment through the cloud for additional savings.
- ▶ **Migrating to a voice over Internet protocol (VoIP) architecture**—reducing costs by leveraging existing data networks to provide communication services, which include functionality that enables better collaboration.

Improving Student Services

- ▶ **Partnering with the InCommon Federation** to enhance and streamline student services, such as national direct student lending.
- ▶ **Developing cost-efficient ways to pool licenses for high-demand, expensive software** in student computer labs and sharing software licenses across computing facilities.
- ▶ **Enabling students to complete scholastic work efficiently and inexpensively** by providing easy access to hosted versions of software that is too specialized or expensive to install on personal workstations.

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