

IT Plan 2005-2007

revision November 1, 2005

	Goal	Reason	Implementation	Budget	Status
1	Replace selected Cisco 5500 building switches.	"End-of-Sale" and "End-of-Life" announcements have been made by Cisco.	The campus still has 15 of the unsupported 5500 series Cisco switches in production on campus. While they are functioning and Stout has spares available, the switches need to be replaced with supported devices.	Built into building switch budget.	In Progress
2	Replacement of entire Stout wireless network with 802.11g standard devices	Stout's current wireless Network operates under the 802.11b standard which provides 11 MB of transmission capacity. The "g" standard will provide 54 MB, increasing the capacity by a factor of four. The new devices will also support 802.11a & 802.11b.	Summer 2005	\$85,000 provided by the Student Tech Fee	In Progress
3	Monitor capacity/speed of the off-campus Internet connection. Currently the capacity is 80MB total.	All faculty/staff/students depend upon the Internet and the World Wide Web for much of the information they require. The Internet and the Web are commodities that must be available and sufficiently robust to support the needs of everyone.	Continually monitor campus Internet traffic to fulfill campus needs.	Budgeted	Ongoing
	Replace traffic shaping appliance.	The current NetEnforcer device is running at capacity with our 80MB Internet connection. This device is imperative to controlling UW-Stout traffic to ensure academic and distance educational materials/courses are delivered.	Fall 2005	Built into building switch budget	In Progress
5	Upgrade/migrate Datatel HW.	The current Datatel machine was purchased in August of 1999. It has since undergone four hardware upgrades. Many new users and functions have been added, as have significant amounts of data. No additional hardware upgrades are available for the current machine. It has been "maxed out." This also provides an opportunity to change platforms from a Unix/Unidata environment to a Windows/SQL environment.	Summer '05	\$250,000 budgeted	In Progress
6	Datatel R18	R18 will provide a new architecture for a distributed environment where the Colleague application and the database will be housed on separate servers.	Summer 2005	Part of Datatel HW upgrade	In Progress
7	Migrate Datatel Unidata database to Microsoft SQL database.	Our Datatel student information system currently runs on IBM's Unidata database. We would like to migrate to Microsoft's SQL database to take advantage of technical skills in-house and in the marketplace and leverage the more "open" database.	Summer 2007	Part of Datatel HW upgrade	Pending migration to R18 on Unidata and Windows
8	Implement Datatel's User Interface (UI).	With R18, the terminal/Netterm interface will be obsolete. As part of our beta R18 implementation we will migrate all users to Datatel's Graphic User Interface (available as a client or via the web in a browser).	Summer 2005	Part of Datatel HW upgrade	In Progress

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9	Implement Web Access 3.0.	Upgrade Access Stout to Datatel's new WebAdvisor 3.0. This will be the first "face lift" for Access Stout since we rolled it out in the spring of '00.	Summer2005	Part of annual Datatel maintenance.	Awaiting R18 implementation
10	Upgrade to Informatica 7.0 to utilize new tools to build, deploy and manage our Data Warehouse architecture.	UW System FASTAR implementation.	An implementation is planned sometime for summer 2005.	Common System's funding	In Progress
11	Hyperion (formerly Brio) 8 upgrade and implementation to the Brio portal technology to support Web-based application services available with this tool.	UW System FASTAR implementation.	Implementation is currently underway migrating current queries to the new release and using UW-System IAA for authentication.	TIS labor only	
12	Stout web server migration	Migrate web applications on the Stout web server from php/mysql to ASP and Microsoft SQL.	Summer 2005	TIS	In Progress
13	Web server content management system	Purchase and implement a course management system for the Stout web server.	Summer 2006	Unknown	Analysis
14	e-Scholar portal course linking	Enhance the course delivery tool in the e-Scholar portal to support "course linking" (i.e. allowing instructors to manage multiple sections of the same course or undergrad/grad sections of the same course as a single course).	Summer 2005	TIS labor only	Development terminated
15	e-Scholar portal online testing tool	Enhance the course delivery tool in the e-Scholar portal to include an online testing tool.	Fall 2005	TIS labor only	Development terminated
16	Build a Financial Aid portal.	Automate and simplify the process of applying for and receiving financial aid. Make FA and AR information and processes available to students and staff (FA Counselors).	Begin in fall of 2003, assuming a high priority is agreed upon.	TIS labor only	On hold
17	Explore and recommend an electronic signature product for use by the campus.	The University is moving toward a digital campus concept. When routing forms electronically, the form/document, etc., can be tracked using computers and handled less, providing efficiencies in many processes.	Evaluate signature packages by selected members of the campus community for usability in the university environment. The solution will then be provided to campus users with signature authority. This is not yet available.	Software unavailable	On hold with mockup completed
18	Breeze 5 upgrade	Upgrade Breeze to Macromedia's latest version, version 5, which includes significant feature and interface enhancements.	Summer 2005	TIS labor only	In Progress
19	Breeze and UW-System	Awaiting decision on if/how to support other UW-System schools on our Breeze implementation.	Fall 2005	Unknown	In Progress

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20 Facilitate the replacement of faculty/staff computers thereby ensuring that everyone has relatively new and efficient computer equipment.	Faculty/staff cannot work efficiently with old, slow computing equipment.	Allow faculty/staff the opportunity to purchase a new computer every third year by providing matching money from the Chancellor.	\$200,000 per year	Ongoing
21 Possibly reduce the size of general purpose access labs.	As we near full implementation of the Laptop program, most students at Stout will have a laptop. Will the general access computer lab still be necessary?	Maintain a watch on general access lab traffic and determine when the general access computer lab may no longer be needed.		Use has not been diminishing
22 Replacement of Stout email servers	The Stout email servers are out of warranty with performance deteriorating. The email servers deliver on average 175,000 - 225,000 emails daily.	Summer 2005	TIS	complete
23 Continue campus-wide Key Server Software License Management System.	A software license management system allows a number of users to share software licenses, perhaps negating the necessity to purchase copies for each individual user. However, it still only supports the licensed number of users simultaneously, denying access to any additional users over the maximum number. The possibility exists to open software use from the Keyserver to professional staff.	Implementing a Key Server is technically, relatively simple but logistically challenging. A great deal must be understood regarding the environment into which it is placed in order to maximize its utility. There needs to be a precise understanding of who needs to use what software and when, as well as, established priorities when conflicts in use do exist.	Client maintenance for student access paid by Student Tech Fee. The remaining funding is budgeted.	Ongoing
24 Implement Additional Network Security.	Continue to enhance UW-Stout security practices to protect against viruses, worms and spam e-mail via the use of software such as Norton and IHateSpam and other utilities.	Current and ongoing	TIS	In Progress
25 Backup System	Our current backup system for the campus e-mail, lab servers and data storage is running at capacity 140hrs/week. An upgrade or a new backup system needs to be purchased to adequately protect the campus in the event of failure. We currently employ two different units to complete backups for the week.	Summer 2005	Budgeted	complete
26 Implement document imaging solution.	The campus direction to a paperless environment would be greatly benefited with imaging. Increased productivity by not filing, retrieving and re-filing paper documents would be realized. Imaging would decrease the need for physical storage of paper documents. Imaging software has the capability of retrieving documents associated with a student or staff ID displayed on a Datatel screen. Workflow capabilities to automate business processes will be included in an imaging package. ImageNow has been selected.	Summer 2005	Unknown	In Progress
27 Information Portal	Design, build and implement an information/report portal that consolidates all university data to a single location accessible from the UW-Stout web site.	Summer 2005	Unknown	In Progress

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28	Lifetime Alumni email system	Provide lifetime email accounts for all graduates. Desirable to integrate into the existing email account processes.	Fall 2005	Foundation & TIS	In Progress