

CIT Projects

as of 02.25.2009

Active Projects

Novell ZenWorks Configuration Management. (ZCM)

ZCM is an upgrade/replacement of Novell's prior product ZAM. The ZenWorks system was designed to maintain network security by pushing software patches, required OS patches, software upgrades, antivirus upgrades, etc. We have used ZAM product for more than 5 years. The upgrade to ZCM is required before we can migrate PC's to any Operating System beyond Windows XP.

02.2009 Novell has released many patches and best practices information. The result being a more stable network and improved login times. Work continues on this project.

Box Office System replacement

The Box Office System requires an upgrade or replacement to support the new arena, and to become compliant with(Payment Card Industries (PCI) rules.

Calvin Web Redesign

A consulting firm is assisting us in the study and redesign of Calvin's web site.

Novell File System Redesign

This project will change the network drive letters. The current structure was designed 15+ years ago and is difficult to maintain. The new design will provide collaboration space, simplify administration, and create quotas for resource management.

02.2009 Actively migrating department by department. Faculty moves this summer.

Digital Media Storage

Requested by A/V, OCCE and DeVos Communications to provide a single location to store digital media. These departments have a collection of recording (tapes, CDs DVDs etc) and no standard method to store, catalog, or archive.

02.2009 Hardware purchased

Hard Drive Encryption

This project was initiated by our Information Security Office. The objective is to encrypt all laptop devices to prohibit the loss of confidential data should a device be stolen.

02.2009 Slowed implementation due to concerns by the HelpDesk.

Email Spoofing

There is a method of identifying all valid senders of email from the "calvin.edu" domain name. By providing this information across the internet, we can reduce the amount of spam sent and received by spoofed calvin.edu address. The critical element of this project is identifying all sources of legitimate Calvin email.

Financial Services iStrategy

iStrategy is a data warehouse tool designed for Datatel software systems. The Financial Services module will allow quick summarization of financial data. Those “what if?” questions that were sometimes impossible to answer, can quickly be resolved with this system

Human Resources iStrategy

iStrategy is a data warehouse tool designed for Datatel software systems. The H/R module will provide rapid summarization of Human Resource data. This information can be used to reduce expenses by identifying patterns or condition of our employees. In order to save costs on both these iStrategy modules, we have volunteered to beta test the programs.

Project Office Review

We periodically review the functionality of our project office. This is a review of our current methods with the goal of improving: The allocation of resources, Project selection, Overall project communication.

Improve CIT Communications

The project was created out of our strategic planning sessions. Our goal is to match our communication methods to the appropriate audience.

Network Security Enhancements

This project was initiated by our Information Security Office. Servers and switches will be moved to separate VLANs. Non CIT servers will have their own VLAN. Additional hardware (Firewalls) may be installed. Down time is required to make these changes.

Colleague Advancement

Datatel, our ERP provider requires us to merge our Financial/Enrollment (Colleague) system with the Development system (Benefactor). This is a multi-year project merging several million address records and defining data ownership.

Abacus replacement

Abacus is the primary server for our Administrative systems. (Financial Service, H/R, Payroll etc) Code enhancements by our vendor, and the pending installation of Colleague Advancement requires us to upgrade our hardware. The new hardware will be running in test mode by Memorial Day 2009

Campus Safety Video Surveillance Expansion

Adding more camera

Campus Safety Communications Recording

To reduce our risk and improve training methods, a communications recording system is being installed. This system will record all phone, (excluding cell), and radio communications within the Campus Safety department. This affects two land lines, and the radios carried by the officers.

Datatel “Leave” system

Centralize and online access to vacation / leave time requests and tracking (HR)

ImageNow

Continue roll out of ImageNow document imaging system.

Nursing - Video Repository

Nursing is looking for a way to store their VHS videos in KV and make them more readily available to faculty and students

Windows Active Directory

Our primary authentication protocol is LDAP. Newer applications use Windows Active Directory for authentication. With the assistance of an outside consultant, we are implement an Active Directory interface into LDAP

Web Conferencing

Calvin does not provide a web conferencing tool. Individuals are beginning to explore solutions on their own. Before multiple solutions are adopted across campus CIT should provide one recommended/supported solution. We have selected Wimba as the preferred vendor. Implementation and training are starting soon.

Ruckus replacement

Ruckus is no longer in business. Ruckus was a legal requirement to provide student with a legitimate way to download music. We are evaluating alternatives.

Virtual Desktop Infrastructure (pilot)

VDI involves the use of thin clients at the desktop, with processing on centralized servers. VDI reduces the cost for the desktop equipment and allows universal sharing of program licenses.

Software Asset Management

In an effort to make universal use of our software licenses, CIT is looking for a software license package that will allow us to purchase fewer software licenses.

Academic Writing Program Website

The AWP wishes to better provide resources to faculty who are assigning and evaluating written, oral, and visual rhetoric. In addition, we would like to provide resources to faculty interested in incorporating critical thinking into their rhetoric assignments.. In the near future, we would like to provide resources for students as they write papers and presentations for their various classes, helping them to understand the different disciplinary requirements.

Forthcoming software/patch pushes via ZCM

- Mar. 3: .NET 3.5 push to campus (Win)(192882)
- Mar. 3: ZCM 10.1.3 push to CIT
- Mar. 10: ZCM 10.1.3 push to campus (Win)(192883)
- Mar. 18: Firefox 3.0.6 to campus (Win)(189738)
- Mar. 23-27: GroupWise server upgrade
- Mar. 31: iTunes/QT 7.5.5 (Win)(186622)

Projects awaiting approval/funding

Campus Safety Emergency Phone replacement

The blue safety phones are over 10 years old and prone to failure.

Campus Safety – Loud Speaker system

We are reviewing the feasibility of installing a loud speaker system for campus emergency. This system could be either indoor, outdoor, or both.

Digital Signage

Several departments have requested digital signage. We are evaluating a campus wide system that could be used for everything from general announcements, departmental announcements, emergency notification, “you are here”, and “what’s for lunch?”.

Safe Assign Pilot

Create a pilot group to test the plagiarism module in BlackBoard.

Windows Operating System Review

Consider support for Microsoft Vista and 64 bit Windows.

Verbal Test Recording – Voice Tools.

For the Spanish department, hundreds of students need to take oral tests several times a semester. Voice activated recording software coupled with headsets would help students to be less nervous when taking oral assessments. Students can respond to assessment questions without having to worry about starting and stopping tape recorders.

Proposed Projects

Calvin Information Literacy for New Hires

Create 10-12 modules for assist new hires with Calvin Information Literacy.

Professional Development Management Tool

Management of professional development is fragmented and does not use appropriate technologies to streamline its administration.

Removal of KV Digital Drop box

Teaching and Learning is exploring the removal of the Digital Drop box by promoting the use of the Assignments feature in KV.

Teaching & Learning Portal for Calvin Faculty

Teaching and Learning pages in KnightVision.

Smart Classroom LAN management

With over 100 smart classrooms, having sufficient staff for classroom rescues is unlikely. The project would put classroom devices (projectors etc) on the network. This would provide remote diagnostics and proactive repairs.

Wireless Inventory

Out annual physical inventory is done with laptops on carts with 15 feet of cable on the scanner. For convenience and labor savings we are looking at a wireless scanning device.

Electronic Time Card Entry

Several years ago CIT implement electronic time cards. This project caught many irregularities in our payroll. The current system still requires manual entry of start and end times. To complete this project, we need to look at the feasibility of using ID cards to clock in and out.

Google Aps for Student Mail

Having implemented Google Mail for students, we must now evaluate the available Google Aps. There are compatibility and price concerns. Planned decision by Jan 2009.

Google Mail for faculty/staff

Phase III of the Google Mail implementation is to consider the benefits and drawback of using Google Mail for faculty and/or staff.

Power Conservation

Evaluate software to shutdown/suspend idle PCs to save power.

Calvin Information Literacy for New Hires

Create 10-12 modules for assist new hires with Calvin Information Literacy.

Phase 1: KV Learning Objects Catalog - TL/CIT focused

Is KV Learning Objects Catalog a solution to any of our needs?

- T&L training modules
- T&L learning objects

Module Prioritization Process

This project will reflect upon, research, and then implement the most appropriate method of submitting and creating items for T&L's online-based tutorials section.

That is:

- Who can submit these items?
- To where do they submit them?
- How do they submit them? Using which tool(s)?
- What do we need in the items' submissions? What are the requirements?
- What happens once we receive these submissions?
- What process is in place for keeping the content up to date?
- Who should keep the content up to date?
- Can we have requests from faculty? From staff? From students?
- What's the priority?

Professional Development Management Tool

Management of professional development is fragmented and does not use appropriate technologies to streamline its administration.

Completed Projects

Student e-mail migration

We are in the process of migrating all student email to Google. It is a free service for 3 years. Our current offering, Webmail, is antiquated. Fifty percent of our students already forward their mail to another provider, Google, Hotmail, Yahoo, etc. Google Mail for students is ad-free. It eliminates our need to maintain an email server for students and provides student with a richer feature set than we currently offer.

Symantec Antivirus Upgrade

Upgrade to Symantec's latest Antivirus and security bundle.

Screen Saver Lock out

This project was initiated by our Information Security Office. Implemented 10/15. The objective is to prohibit confidential data loss from unmanned devices.

Wireless upgrade Access Points

Our wireless access points (APs) are three revs behind in software upgrades. Each revision requires a 2 – 3 hour down time. Currently planned for the Friday after Thanksgiving. 11.28

Network expansion/construction.

- Fieldhouse complex
- Youngsma Center moves/remodel
- Spoelhof Center Art Dept.
- FAC renovation
- CATV conversion from coax to Fiber
- Conversion of Calvin broadcasts (Inner Compass, etc) to High Def.
- Furnish Admission conference rooms
- van Reken Open house 10/22- Geothermal PC installation.

Campus Safety –Replace Fire Alarm Receiver

The device in Campus Safety that receives fire alarm calls was failing and therefore replaced. The new receiver provides concise description of where an alarm is occurring. The previous system printed out a 5 digit code that was then manually looked up in a three ring binder.

Mac Imaging

Restructure, improve automation of MAC images. Distinguish between faculty and lab machines.

Financial Services

Overhaul E-Check payments system for Tuition, R&B and miscellaneous charges