Windows 7 Implementation

Windows 7, the new operating system from Microsoft which was released earlier this year, will begin to be installed on campus computers this summer!

Installation in the Labs
A Windows 7 pilot lab was created in DW1205 over spring break. The computers in this lab have Microsoft Office and Adobe Design Premium installed, so will be able to be tested by students for the rest of the semester.

The lab build is starting from scratch, so only software that is requested now will be included on the computer lab or classroom instruction computers this fall. Faculty should not assume that any applications they have used in the past will be available on the build. Please turn in your requests to the Helpdesk, including the licensing information and media by July 2nd, and confirm the software is compatible with 64-bit Windows 7.

Software will be installed on the prototype build as it is received and the pilot lab will be updated numerous times throughout the summer. Faculty are encouraged to test their software installations and operations to make sure everything is working as expected prior to the beginning of the semester. Early detection of problems will help to provide early resolution.

Timeline for Faculty and Staff
IT has begun installing Windows 7 on IT staff computers to begin testing compatibility, print drivers, network drive assignments and patching. We plan to use the 64-bit version in order to be compatible with future releases of software such as the new Adobe products.

The rollout to faculty and staff will begin after testing is completed. Those receiving new computers and those whose systems need to be rebuilt for virus or other reasons will receive the Windows 7 build. This could begin as early as May. Faculty who will be using the computer labs for instruction may request the upgrade for their existing office computer through the Helpdesk.

In order to ease the transition for faculty and staff, IT will be providing training sessions through Extended Learning Services. Watch for future bulletin board announcements providing dates and times.

One advantage employees may experience with Windows 7 is the ease with which local admin accounts can be used. Windows 7 allows you to escalate your rights for a specific task and then drop back to user rights as you return to your normal work. In light of current requirements regarding user rights, this should be welcomed relief to computer users.

Saving With Networked Printers

A new “green” initiative has begun to encourage use of shared laser printers or the IKON multi-function devices (MFDs) and phase out individual inkjet printers. The IT department, followed by UCET, Elkhart and the Chancellor’s Office, have already turned in their inkjet printers in favor of shared devices. The following information helps to explain the purpose and intent of this project:

- The cost per page for printing on an inkjet is as much as four times that on a laser printer. Also, inkjet ink cartridges can dry up when not being used which can increase the inkjet cost per page even more.
- Using shared laser printers instead of individual inkjets decreases the number of units plugged in – power savings.
- Using shared laser printers instead of individual inkjets decreases the amount of waste (junk equipment) to hit landfills.
- Walking even a short distance to a printer can encourage a person to think about whether or not they really need a printed copy, therefore potentially reducing the amount of printed pages for the campus.

Concerns about printing on special paper or printing confidential data can be resolved in some cases by sending the document to the copier/printer, but not having it print until you enter your code at the copier/printer to release it. (See article on page 4)

In places where the walk to a monochrome printer is unreasonable, monochrome personal laser printers will be provided.

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**Meet the staff....**

**Dan Finch** is a systems administrator in the IT Systems Support department. His work in the background, helping to manage the more than 35 servers for our campus, is what provides users with the networked services they need.

Dan has been with us for 15 years, first as a hardware technician and then moving into systems support.

Though many faculty and staff may not know him, his fellow IT team members know and appreciate that he is always willing and able to help when they need it. Dan played an important role in the implementation of systems such as GoPrint and the campus Bulletin Board. Here are his responses to our get-to-know-the-staff questions:

**What do you like about working in IT at IUSB?**

I enjoy being able to make changes centrally which can fix problems campus wide. And I really enjoy the people I work with.

**What brought you to IUSB?**

I previously worked for a vendor that sold equipment to IUSB and I was one of the people that would come on campus to service the equipment. When I found an opportunity to apply for a position here I took it. It was one of the best decisions I ever made.

**What do you like to do in your free time (hobbies, interests)?**

I enjoy reading, on-line gaming and spending time with my wife.

**Can you tell us something about yourself that might surprise others?**

Editor’s note: Though Dan couldn’t think of anything particularly unique, the readers might be surprised that some of his other interests include motorcycling and photography.

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**Jake DePoy** is a systems administrator in the IT Systems Support department. He helps manage the campus servers but his specialty has been in managing Mac servers and workstations. With his hiring six years ago, we’ve been able to enhance IT’s central support for Mac users, including easier access to network resources, and central patch management.

Jake was key in implementing the Windows System Update service for servers and workstations, and set up the Linux server update management system.

He answered our get-to-know-the-staff questions as follows:

**What do you like about working in IT at IUSB?**

I love to learn new and better ways to implement computer technology and IUSB supports IT in doing research and testing.

**What brought you to IUSB?**

I came to earn my degree using my VA benefits; I found a job in the process!

**What do you like to do in your free time (hobbies, interests)?**

I spend time with family and friends. I build gaming computers and support the New Carlisle Public Library. And I plant a salsa garden every year - I am still working on the “perfect” salsa recipe.

**Can you tell us something about yourself that might surprise others?**

I never used a computer before I was 25 years old in 1988. I became fascinated with computer systems while serving in the Navy as a steam propulsion engineer. I first used a computer to document maintenance on the ships equipment, from there I was hooked.
For years, IT has provided network drive storage for students’ academic use, commonly known as their o: drive. Though some students have made use of it, we’ve found that 61% have never used it and only 8% have used 50MB or more.

With the improvements in Oncourse and its increased use by faculty, more students are using the file storage provided therein. Oncourse allows students four times more space (up to 1 GB of data) than our network share allotment and has the advantage of being accessible from anywhere through the web.

Therefore, IT will begin phasing out the student o: drives. Students that are currently using our network drive space will be encouraged to use the Oncourse file system, or other storage such as flash drives, and asked to move their files. Instructions to do so will be provided and lab consultants will be available to assist as needed. New students will be directed to Oncourse storage areas or other storage devices.

The final step of the phase out will be September 30th when the student o: drives will be removed. Students will be warned again of this change via email in August.

Faculty need to be aware that any references to students’ o: drives in class syllabi should be changed appropriately. An icon will be placed on the lab computer desktop to directly access the Oncourse file system.

This has no impact on faculty/staff o: drives which will continue as they are in addition to departmental share drives (h:).

Cisco TelePresence - Can you see me now?

Senior level administrators will soon be able to replace travel with a face-to-face “live” meeting with colleagues from other campuses on the new Cisco TelePresence located in the Administration building. (Thanks to B&E for use of their room.) The life-size image and no-lag audio/video bring an in-person look and feel to the experience.

The TelePresence has been provided through Office of the Vice President for Information Technology (OVPIT) to each of the campuses (though all installations are not yet complete) to improve communication while saving travel dollars. Scheduling is very easy, and doesn’t require a techie to do so; starting the meeting is as simple as making a phone call.

The unit is intended primarily for use by the Chancellor and Vice Chancellors, but may also be used by Deans and others as the room scheduling permits.

Electronic Recycling April 9-10

Tough Stuff Recycling Fest 2010 will be collecting electronics (and other items) again this year in the IU South Bend parking lot on the corner of Ruskin and Esther.

Open to businesses 9am-2pm on April 9th
Open to Public 9am-2pm on April 10th

There is no charge to drop off collection items. For more information, call 520-4429 or e-mail csfuture@iusb.edu.

Note: University equipment with hard drives must be handled by IT.

Sponsored by IU South Bend Center for a Sustainable Future
Recycling services provided by Apple

Acceptable Electronics:
- All-in-ones
- CPUs
- CRT Monitors
- Hard drives
- Hubs
- Keyboards & Mice
- Laptops
- LCD Displays
- Optical Drives
- Servers
- Speakers
- Switches
- UPS systems
- Wires and Cables
- Cell phones
- Pagers
- PDAs
- Two way radios
- Adding machines
- Fax machines
- Microwaves
- Photo copiers
- Printers
- Scanners
- Surge protectors
- Telephones
- Camcorders
- Cameras
- DVDs
- Games Systems
- Radios
- Stereos
- Televisions
- VCRs

Unacceptable:
- Batteries
- Cracked or broken CRTs
- Hairdryers
- Hazardous materials
- Household appliances
- Light bulbs
- Smoke detectors
- Styrofoam
Print Confidential Data?

As we encourage employees to use the multi-function devices (copier/printers), we sometimes hear they can’t because they need to print on special paper, or the information being printed is confidential. However, items can be sent to the printer and held until you go to the unit and release it. Here’s how:

To send document to printer:
- Open document, select FILE and PRINT.
- In the PRINT dialogue box, select your multi-function copier’s name.
- Open PROPERTIES.
- On the PAGE SET-UP TAB, change OUTPUT METHOD to STORE.
- Answer “Yes” to the question.
- In the STORE DESTINATION dialog box, choose appropriate mailbox number.
- Click OKAY, then OKAY again, and select PRINT.
- Confirm I.D./Password.

Then, at the copier/printer:
- Press MAILBOX TAB on copier.
- Press MAILBOX NUMBER (example 02).
- Select the document you wish to print, by touching the screen.
- Press PRINT.
- Enter desired quantity of copies to be printed and press START.
- (If you wish to staple the copies, two-sided, etc. then press Change Print Settings.)

Instructions may vary slightly for different models. Please contact Kathleen Weidner at 520-4141 with questions or for instructions specific to your model.

NS340 Converting to Active Learning Classroom

During the summer, this classroom lab will be closed as it transforms into an active learning classroom. This transition, initiated and funded by Informatics and supported by other LAS departments including Mathematical Sciences and Physics, will provide students with an environment that fosters collaborative problem solving.

The use of such learning environments combined with meaningful and creative problem solving teaching methods have proven to be an effective mechanism for attracting and retaining students in science disciplines. The participatory nature of active learning strategies has been especially effective in engaging female students in scientific disciplines.

Fax Capability in the Copy Center

Fax services are now available to all students, staff and faculty on campus at the IU South Bend Copy Center located in the Administration Bldg. basement – AI 005A. Hours of operation will be Monday – Friday 8:00am – Noon and 1:00pm – 5:00pm. Faxes can be either sent or received. Please stop by and see what other services the Copy Center offers and feel free to call us – we can be reached at 520-4378.

Domestic: $1.49 – 1st page, $.99 – subsequent pages
International: $5.99 – 1st page, $3.99 – subsequent pages

What’s New?

Snow Leopard
The new version of Mac OS X 10.6, commonly known as Snow Leopard, was released in August. IT has tested the new version of the operating system and begun deploying it on new Mac office computers. Requests from faculty to upgrade existing Macs to Snow Leopard will be scheduled as time allows. IT has purchased the licenses necessary for upgrading faculty/staff computers and will be communicating with Mac users to schedule the install.

The student lab Macs will be upgraded to Snow Leopard this fall. Faculty should verify compatibility with 10.6 and request their software for labs through the Helpdesk by July 2nd.

GoPrint Rollover
At the beginning of the spring semester 2010, students who had credit remaining in their GoPrint accounts from fall saw those funds remain in their purse along with their new semester’s allotment. They will also notice that any spring monies remaining at the end of the semester will rollover to Summer. Each fall, however, the slate will be wiped clean and start over again. Any cash that a student adds to their account, whether through the cash machine, the bursar’s office, or IUPay, will always roll over until the student leaves the university at which time the remaining money is forfeited.

IT Helpdesk

DW1245 Hours:
8:00 am—8:30 pm, Mon-Thurs.
8:00 am—5:00 pm, Friday

Phone: 574-520-5555 (24/7)
After-hours calls are transferred automatically to UITS Support Center

Information Technologies
IT Update - March 2010
Beverly Church, Editor

Newsletter archive at:
http://it.iusb.edu/newsletter.shtml