Welcome Back...to Additional Internet Bandwidth

Students, faculty and staff should be pleased with the additional bandwidth that the University has purchased and installed in August. Approximately 15 megabits of bandwidth purchased through the Illinois Century Network will be used for academics, including labs, the library, faculty and staff use. Residential students now have a new AT&T pipeline with approximately 20 megabits of bandwidth. According to David Schenk, Executive Director of Communications Engineering Support, the separate pipelines will provide not only double the bandwidth from previous years, but also allow staff to better monitor student and academic use of internet bandwidth.

Responsible Computing

It is critical that you help prevent the viruses and worms that shut down our campus network last May.

Don’t assume your computer is secure. You must take these steps now and help protect our network.

1. Check to be sure you have Norton anti-virus installed. Is there a gold shield in the bottom right side of your screen?
2. Is Norton set for daily updates? Weekly updates are not enough. Check your computer now!
3. Scan your Windows operating system to be sure that it has all the critical updates issued over the summer. The scan takes just moments to complete.
4. Is your computer set for daily critical updates? Your computer may still be set for weekly updates. Check it now!

For help with any of these steps, visit www.bradley.edu/irt/cs/respcomp/ or call the Technology HelpDesk at x2964.

There’s more you can do to help prevent viruses and worms.

- Make sure web browsers and other web and ftp related applications are the most current version.
- Turn off file and print sharing and system restore.
- Turn on a personal firewall in Windows XP and 2000 systems.
- Update Adobe Acrobat Reader to version 6.0.2.
Steps to Protect your Computer
1. Check your computer for Spyware
2. Update Windows
3. Set Windows to daily automatic updates
4. Install Symantec Norton Antivirus software on student computers
5. Update Norton antivirus

New Student Email Program
Bradley students have a new email program as they begin the fall semester at Bradley. Steve Patrick, Executive Director of Computing Services, announced that the new program was planned and implemented over the summer and was up and running on August 18. Still called “Webmail”, students will now use the Sun Java System Messaging Server, a high-performance, highly secure messaging platform—a leader in the service provider messaging market. The software was installed by Systems Administrators Mary McKinzie and Robert Parker.

The new Webmail offers features such as increased speed and reliability, virus detection and removal capabilities, search function, and options to easily set up mail forwarding, a vacation message, personal signature, and Vcard.

Students and employees with questions about Webmail, in particular access to folders, should contact the Help Desk at x2964.

Systems Registration and Scanning Starts this Fall
Beginning in September, every computer, system and printer on the physical Bradley University campus network will be removed from the network and registered before it is reconnected. The primary purpose of this project is to create an automated system which collects specific unique information from each computer, system and printer in order to authenticate end-users to appropriate resources, based on the end-user’s status at the University. The registration process also provides an additional tool in securing our network in the case of large virus or worm attacks.

Faculty, students and staff will receive an email from David Schenk, Executive Director of Communications Engineering Support, notifying them prior to the date that registration is scheduled for each campus building. The email will provide step-by-step instructions for registering computers, a process which should take less than 10 minutes. IRT staff will register other systems and printers and will work with the appropriate college and departmental staff to register all computer labs.

During the registration process, each computer will be scanned for known vulnerabilities which could pose a threat to the security of the Bradley network. This summer, Provost’s Council passed a Computer Scanning policy. The policy (at http://www.bradley.edu/irt/cs/policies/) expands upon but does not conflict with the Computing Services Policy on Confidentiality of Information. Scanning will be completely automated using software, and nothing on the computer will be changed. No private information will be examined.

If you have questions about the Systems Registration Project, please contact David Schenk at x2769 or email dschenk@bradley.edu.

Data Backup - Preventing Information Loss
Computer Systems traditionally come with one of the following internal devices, Floppy Disk, Zip Disk, DVD-R/W, CDR/W. These should be utilized to back up data on a regular basis. External devices available for data backup are Iomega Zip Drives, Pin Drives, Floppy Disk, and CDRW.

Back up your data regularly to avoid losing it in case of a computer or network failure.

Contact the Technology HelpDesk for assistance.
**Virus Activity is on the Rise on Campus and Worldwide**

**Protect Yourself in These Ways**

1. Install AntiVirus software on your computers.
2. Keep your antivirus software updated.
3. Keep your operating system updated.
4. Scan your computer regularly for infection.
5. Change your password to a more secure one.

**Congratulations to IRT’s HelpDesk and to the Department of Physics for winning the 2004 Harper Awards for Departmental Excellence!**

**Network Upgrade**  
Over the summer, staff members in the office of Communications Engineering Support have been working to improve the performance and reliability of your computer network. Ron Robinson, Network Architect, and Shayne Ghere, Network Engineer installed the first comprehensive network backbone upgrade since 1996. Assisted by Rick Sander, Telecommunications Engineer, staff members updated software and replaced hubs, routers, three backbone switches, and 12 additional switches. David Schenk, Executive Director of CES, explained that this year’s work is the first phase in a four-year planned upgrade of the network. The next phases include additional replacement of hubs, routers, switches and software.

**Campus Systems Upgraded**  
As part of IRT’s replacement schedule, staff installed and upgraded servers and software systems over the summer. Dave Scuffham, Senior Network Engineer, worked with the Controller’s office to convert and upgrade its business application, Fundware. Dave also provided leadership on a Storage Area Network (SAN) upgrade. In addition, Dave and Systems Administrators Mary McKinzie and Robert Parker installed at least 8 new servers for administrative use, the College of Engineering and Technology, the Department of Computer Science and Information Systems, and others. Network Engineer Paul Carpenter worked with Robert Parker to install new Sophos gateway virus protection software that works on email entering Bradley’s network as well as on the Microsoft Exchange server used by faculty and staff. Summer is an extremely busy time for Computing Services and other IRT staff who work to improve campus technology and information resources when classes resume in the fall.

**We’re on the Move!**

- **Audio Visual Services, Duplicating, Graphics, and Photography Move to Jobst Hall**
- **Instructional Technology Assistance Center Moves to Cullom-Davis Library 20**
- **Communications Engineering Support Moves to Jobst 226**

As part of the renovation of Bradley Hall, the office of Academic Technology Support relocated this summer. Nial Johnson, Executive Director of ATS, invites students, faculty and staff to stop by the offices on the second floor of Jobst Hall to see the new facilities. University Photographer Duane Zehr now shoots photos in a renovated studio in room 233. Kim Barnhart and her staff will help with all of your duplicating and binding needs from their location in room 231. You can check out AV equipment from Rolland Reinhart or Wade Helm in room 237, and Shanon Hymbaugh will help you produce a top-notch publication from her office in Jobst 228. As part of the renovations in Jobst Hall, the CES office stayed in Jobst but moved just down the hall to room 226.

Barbra Kerns and Cory Rabe in the Instructional Technology Assistance Center are now located in room 20 of the Library.
Spyware and Adware

What is it?
Spyware is spy software on your personal system. This may vary from key stroke recording programs to additional cookies being placed on your system to report back to different vendors. Computing Services recommends Ad-Aware, a freeware program.

How do I know if I have it?
With the ever increasing use of spy-ware by companies, it is almost certain that everyone will get some form of spyware on their computer just by visiting a website. If you are experiencing network problems such as not being able to log in and not being able to browse the internet, then the problem is most likely related to spy-ware and not a glitch in the network.

How do I get rid of and prevent it?
Download and run certain software packages like AdAware. Learn more about spy-ware at www.spywareinfo.com/forums.

Library’s Leisure Reading Section Enhanced
The Cullom-Davis Library has responded to student requests for more leisure reading books by moving the leisure reading section to the first floor atrium area of the Library. New shelves are on order which will house more of these materials as well as new materials that are cataloged for the collection. There will also be a paperback book exchange that will be set up in the near future.

Also at the request of students, the library replaced some of the study carrels in the basement with tables and chairs. Later this fall, Executive Director Barbara Galik will update the Student Senate on the Library resolution which was passed in May.

News from WCBU 89.9 Smart Radio
This summer, WCBU listeners could hear in-depth reports from both the Democratic and Republican national conventions, with a focus on the Illinois delegations. Illinois Public Radio sent reporters to both conventions, and they will produce stories showing our state’s impact on the national platforms, and how the conventions will change the parties back home. WCBU News Director Jonathon Ahl and IPR Statehouse Bureau Chief Bill Wheelhouse will be in New York to cover the Republican National Convention from August 30 to September 2. They will bring you a convention perspective that is more specific to Central Illinois.

Meet our New IRT Staff
♦ Joseph “Chuck” Ruch, B.S. in Agriculture, Purdue University, M.S. in Mathematics, Indiana State University, Associate Provost for IRT. Chuck brings twenty years of experience managing computing and communications infrastructure at Creighton University.
♦ Todd Spires, M.L.S., Indiana University, Assistant Professor and Collection Development Librarian in the Cullom Davis Library. Todd most recently worked for an academic book vendor.
♦ Donald L. “Skip” Burhans, M.L.S., Northern Illinois University, Assistant Professor and Access Services/Education Librarian. Skip has worked in a variety of academic and public libraries, specializing in electronic information resources.
♦ Jackie Benitez, B.A. in Communications, Baylor University, WCBU Operations Manager. Originally from Corpus Christi, Texas, she joins us from NPR affiliate KWBU on Baylor’s campus in Waco, Texas.
♦ Heather Binder, WCBU Underwriting Manager. Heather has worked with the National MS Society in their development department, and has volunteered with community organizations, working with children and the disabled.
♦ Gary Siebold, B.S. in Computer Science, Florida Inst. of Technology, Network Programmer in Computing Services. He was most recently with Vertis, Inc., an international targeted marketing company.