

# SalukiTECHNews

## FIBER OPTIC INSTALLATION AND WIRELESS PROJECTS EXPAND

### Fiber Optic Cabling Installation

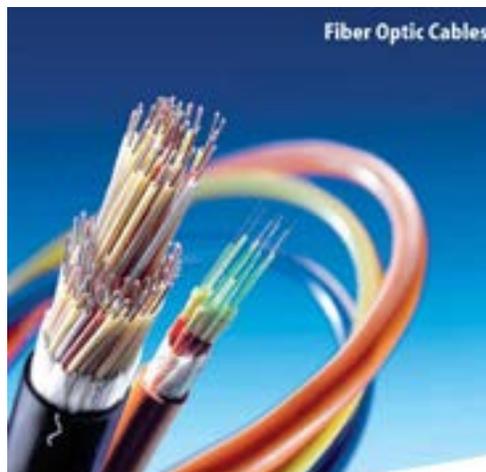
Phase I of the campus fiber project is underway with construction starting in Marion Street and Grand Avenue areas. The goal of the fiber project is to provide a high-speed network connection to the on-campus locations that are currently served with a slow, copper-based network connection. The new fiber will allow faster Internet access for these locations, but is also a foundational component of the proposed voice over IP system.

Phase I provides fiber to the Glove Factory and Rainbow's End. Phase I will also place fiber to the Student Services building in support of the Emergency Operations Center. Fiber to the EOC will eliminate the possibility of a power outage elsewhere on campus, which would adversely impact the voice and data services in the EOC during an emergency event.

Phase II will place fiber to the suite of PSO buildings and the Safety Center. Phase III will provide fiber to Evergreen Terrace and possibly the SIU Farms. Phase IV addresses needs on the northwest corner of campus.

### Other Fiber Installations

New fiber has been installed in a variety of locations in the past 12 months. New fiber to the Student Services Building, Davies Gym, Morris Library, the Abe Martin Press Box and Club House, Kaplan Hall, Anthony Hall and the new



track facility. Plans are in place to replace the older multi-mode fiber with single-mode fiber in a variety of locations.

### Campus Wide Wireless

The campus wide wireless project continues to expand. All classrooms have wireless coverage and many buildings have coverage in the public access spaces. The Network Engineering Team is now addressing some of the harder to reach locations and locations where fiber/high-speed networking is not

available today. As the campus wireless service is expanded, any non-IT wireless devices need to be turned off to avoid conflicts.

### Switch and Cable Upgrades

The Network Engineering Team has ordered Ethernet switch equipment for four buildings: Engineering, Faner, Student Center and Davies. Network Engineering and Telecommunications Services are working jointly on a cable upgrade. This work will eliminate the use of category 3 cable for data network use and replace it with category 6 cable, which is the current industry standard. Together, these projects will move the campus closer to having gigabit to the desktop campus-wide.

### AT&T Cell Site

The construction is starting for an AT&T cell site on the roof of Morris Library. The most prevalent provider of mobile wireless services in this region is Verizon Wireless. However, many of our students come from the northern part of the state where AT&T is more common. Having an AT&T site on campus will provide a better and more consistent signal to our students who use the AT&T service.

# INFORMATION TECHNOLOGY NOTES

## Security Scan of Computers

As part of an ongoing effort to assess campus computers for sensitive information and comply with state requirements, the Information Security team will be performing another campus-wide scan of all employee workstations. For this security scan, one took place on June 21-22. The next scan will be June 28-29.

Identity Finder can be configured to allow workstations to be scanned by Active Directory Organizational Unit. A workstation only needs to be scanned over one of these weekends.

As in previous scans, this scan will require that workstations remain powered on and users logged in. Users should lock their workstation before leaving work the Friday before the scan occurs. When users return to work on Monday and unlock their workstation they will be able to see the results of the scan run against their workstation. Results of the scan will include an overview of any sensitive



information found and options and suggestions on how to secure it. Sensitive information that will be specifically scanned for includes Social Security numbers, credit card numbers, driver's license numbers, passport numbers and bank account numbers. You will be immediately alerted to the presence of such data and be given suggestions on how to manage that data.

Many of you have already been given access to the Identity Finder console. If you have not yet received this access, please send a request to [security@siu.edu](mailto:security@siu.edu). Additionally, if you are currently in the process of securing or removing

information from previous scans we encourage you to complete this effort prior to the upcoming weekend. By doing so, the results of the upcoming scans will be positively affected, meaning less "hits" on sensitive data.

The overall intent of this exercise is to identify and ultimately secure sensitive data across campus all while acting in accordance with the direction of the Illinois Auditor General. Scan results will be compared to previous scans to determine progress, with hope campus users are taking proactive steps to secure information. If you have questions, please contact [security@siu.edu](mailto:security@siu.edu).

## Peer Mentoring Program

SIU is developing a peer mentor program to launch in fall 2014. Peer mentors will provide support to their fellow faculty through training on various learning technologies and leadership in integration of technology in the classroom.

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