

Missouri State's Next Generation Network – What it Means to You!

Wireless Access

At this point-in-time 75% of buildings on the Springfield campus have wireless access with the expectation that 95% coverage will be achieved by July 2013. As a result of this upgrade all existing wireless access points currently installed in buildings will be replaced with new devices.

Edge Devices

The edge device objective consists of approximately 850 existing devices spread throughout 90+ buildings on the Springfield, West Plains, and Mountain Grove campuses being upgraded. Two main benefits of upgrading these edge devices are:

- A ten times increase in speed from 100 megabit to one gigabit service to file servers and desktop computers.
- Critical vendor support will once again be available as the current devices are out of support.

Benefits of completing the University's Next Generation Network:

All of the benefits derived by the completion of the University's Next Generation Network are too many to mention. Notable major benefits directly tied to the University's long-range plan are to:

- Serve as the digitized foundation for the execution of business processes
- Support the expansion of online and blended course offerings
- Enhance instructional technologies contained within technology-related classrooms
- Add Voice Over Internet Protocol (VOIP) capabilities
- Improve information security and disaster avoidance protection
- Respond to the demand for increased use of mobile computing applications

Benefits you will see once your building is upgraded are:

- Increased network speeds especially when downloading large files.
- Expanded wireless coverage and increased wireless speeds.
- A reliable and secure networking infrastructure capable of delivering quality services.

What you can expect when your building is upgraded:

- A mutually agreed upon date and time to upgrade your building will have been scheduled by your dean and/or their delegates.
- During the scheduled upgrade you will not have access to networking services but you may still use your office computers for offline tasks.
- As a building resident, you will receive an email one week prior to the upgrade letting you know the details of the upgrade. You will receive another reminder email a day prior to the upgrade.
- The day of the upgrade, a team of Computer Services staff members will arrive at the building to replace the wireless and edge devices. Members of the team will communicate the details of the upgrade schedule and expected downtime estimates to building occupants.

- Once the upgrade is complete, members of the team will verify with current occupants that networking services have been restored.

For more information about our project to complete the University's Next Generation Network, including the schedule for building upgrades, please visit our website at:

<https://ntg.missouristate.edu/NGN/default.aspx>.

If you have questions or concerns regarding the project to develop the University's Next Generation Network, please contact Josh Stuppy by phone at 836-6449 or e-mail at

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