# News Release

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## Campus Wireless Technology Plans Moving Forward

VERMILLION, S.D. – The South Dakota Board of Regents was updated Friday on plans to install or upgrade wireless technology throughout the public university system. Supported by a new technology fee that will be charged beginning this summer, two-thirds of funds raised will be dedicated to building a robust infrastructure on all campuses to support wireless networks.

Four dollars of the new $6 per hour technology fee will be targeted to build the wireless infrastructure and maintain it, board officials said. "We have assured students our first priority is to build the wireless infrastructure, and campuses have already been given approval to start purchasing equipment for these wireless networks," said Monte Kramer, the regents' system vice president for administrative services.

The remaining $2 of the new technology fee will be used to support faculty in their integration of instructional technology. Final technology plans will be approved by the regents next month.

Each campus updated the board on their wireless installation or service improvement work:

**Black Hills State University** – BHSU has begun to order new Cisco campus switches to handle higher speeds and supply power over Ethernet for the wireless access points. Additional wireless access points will be added to academic buildings over the next three years. The priority is to get new access points first into those buildings with the greatest academic need for wireless coverage.

**Dakota State University** – The DSU campus has maintained a comprehensive wireless network for several years. However, the bulk of its equipment was acquired five to six years ago and does not support the newer wireless protocols. DSU plans to replace components of its wireless network this summer, and orders for access points and switches have been placed.

**Northern State University** – The wireless infrastructure project at NSU will be completed by the summer of 2010. The first phase of installation includes all six residence halls and portions of the main campus classroom buildings. The second phase will include remaining classroom buildings and administrative buildings. Access points, switches, and the wireless controller system are being purchased this month.

**South Dakota School of Mines & Technology** – The School of Mines already has wireless infrastructure in place across its campus but plans to install some access points using newer technology to see how they compare to the current network.

**South Dakota State University** – SDSU will build out its wireless infrastructure this summer. A CISCO engineer will be on campus shortly to complete a final site survey on best placement of the access points. Wireless will be added to every teaching classroom, teaching lab, and all designated common spaces.

**The University of South Dakota** – Twenty percent of the buildings at USD currently have wireless coverage. The campus plans to add an additional 29 percent of building coverage this summer and the balance by fall 2010.

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