

Computing and Network Environment

Central Management

The Systems Support branch of Computing Services provides centralized support for personal computers and other systems on the campus-wide network:

- Approximately 600 Desktop PCs
- Approximately 960 Gateway M275 and 120 Gateway/Motion M1300 tablet-PCs for faculty/staff/students (mandate program for fall 2004 freshmen and sophomores, to include juniors fall 2005 and seniors fall 2006.)
- [Macintosh](#) systems
- 14 [Microsoft](#) Windows 2003 servers
- Active Directory, Exchange-2003, and Microsoft XP
- HP EVA SAN with 2.8Tb for data storage
- Access to the Regents Information System mainframe

Faculty/Student supported system:

- **sun420** - Quad processor [Sun](#) server running [Solaris](#)
- **sun250** - Dual processor [Sun](#) server
- **Silicone Graphics** – dual 16 processor machines
- **Compaq** – five servers supporting academic applications beyond the standard centralized services
- **Dell** – nine servers supporting Microsoft CRM and Peoplsoft for academic use by DSU and other institutions.
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The campus network consists of fiber started to all buildings from the Server Room in the Science Center. Cat-5 connections extend to all classrooms, offices, and dormitory rooms. An 802/11 g/b wireless network overlay supports mobile computing in all classrooms, academic offices, administrative offices, the Dakota Prairie Playhouse, and the Community Center / Fieldhouse. Internet connectivity is provided through 8M Internet1 and 5M internet2 connections. A PacketShaper is used to shape network traffic through the internet. DSU hosts one of three DDN Core Sites, the network supporting state/local government agencies, the K-12 school districts, and public higher education institutions.

Intrusion detection is proved by a CISCO IDS, Firewall services are provided through CISCO PIX 515 , spam filtering on e-mail is provided through Mail Marshal. Perfigo Smart Enforcer is used to control access to the wireless network.