

Campus Wireless

Black Box advances communications to a higher level.

Major Challenge:

Installing the first wireless project of this magnitude for any university.

When the administrators of Buena Vista University decided to install the first wireless network of its kind on a university campus, they turned to Black Box. The university wanted a campus-wide wireless network that would enable its 1450 students and faculty to study and work anywhere on the 60-acre campus, using notebook computers. The solution included complete design and installation services as well as maintenance. Take a look at the details **below**.

Complete solutions from one source — that's what Black Box Network Services is all about.



The Details:

Black Box Network Services was selected to install a high-tech wireless system at Buena Vista University (BVU) in Storm Lake, Iowa. BVU wanted to provide its students and faculty with a wireless network that has speed, security, and reliable connections for those on the go.

Black Box Network Services rose to the challenge. We installed the Pro 11 Series Wireless Ethernet system (see the diagram **below**). This high-speed, secure system enables 1450 students and faculty to use their notebook computers to connect to the campus intranet and the Internet via 140 access points spread across BVU. Students and faculty can use their notebook computers from anywhere on the 60-acre campus, from dormitory rooms to the field house, from classrooms to the library.

This network system is the first of its kind at any educational institution. Black Box Network Services is proud to have assisted Buena Vista University with this innovative solution. Call Black Box today so we can install and configure a wireless network for you!

The components

- (140) access points (LW0055A-R2)
- (140) station adapters (LW0056A-R2)
- (1450) PCMCIA adapters (LW0054A) for notebook computers
- (8) Ethernet bridges (LR5200A-R2)
- (8) Ethernet switches (LB9020A-R2)
- (8) antennas (LW013-R2)

Wireless communication across campus

