

EION Solution Highlights

- Inexpensive, flexible installation
- Turn-key wireless solution
- Proven track record
- Rugged, reliable equipment

Introduction

Educational institutions across the globe are looking for ways to give their students the highest possible quality of education. The Internet and other technologies play an increasingly important role in helping school boards, universities and colleges, and technical schools address this challenge.

Providing students, teachers and support staff with high-speed access to the Internet and the means to share important information across multiple locations, however, can be cost prohibitive for educational institutions, especially those underserved by telephone and cable companies.

Go wireless with EION and realize the full benefits of broadband wireless networks.

A broadband wireless network from EION enables cost-effective high-speed access to the Internet. It also equips educational institutions with high-performance building-to-building connectivity needed to provide live instruction via video, and share; test papers, attendance sheets, financial documents, policy documents, desktop applications and educational research quickly and efficiently across two or more locations.

PROVEN TRACK RECORD

With its portfolio of advanced wireless and WiMAX equipment, EION has helped dozens of educational institutions in several countries realize the full benefits of wireless networks.

TURNKEY WIRELESS NETWORK SOLUTION

EION, along with its worldwide channel partners, offer everything needed to set up, use and manage a wireless building-to-building network. EION will assist in integrating broadband wireless access equipment with existing network gear, a process that takes only a matter of hours.

THE ONLY PRODUCT NEEDED

EION point-to-point and point-to-multipoint products are the only wireless solution needed for deploying a high-speed wireless network. EION products can be used to provide high-speed point-to-multipoint, point-to-point and backhaul connections. With only one wireless product required, educational institutions will save time on installation, save money on total network costs, and save the hassle of dealing with multiple wireless equipment vendors.

FAST, RELIABLE BANDWIDTH

EION's advanced wireless products are ideal for educational institutions because they are fast and reliable and provide the most bandwidth for your investment. The EION product family uses proprietary technology, which minimizes interference and ensures constant service over distance through increased data rates and enhanced reliability.

Sample Application

COMPANY TYPE:

A school board district covering a large area of rural population had a requirement to provide basic internet access at each of the schools in the district.

APPLICATION:

The healthcare organization needed to give staff and students at each of its locations the ability to share access high-speed Internet access to complete downloads for research.

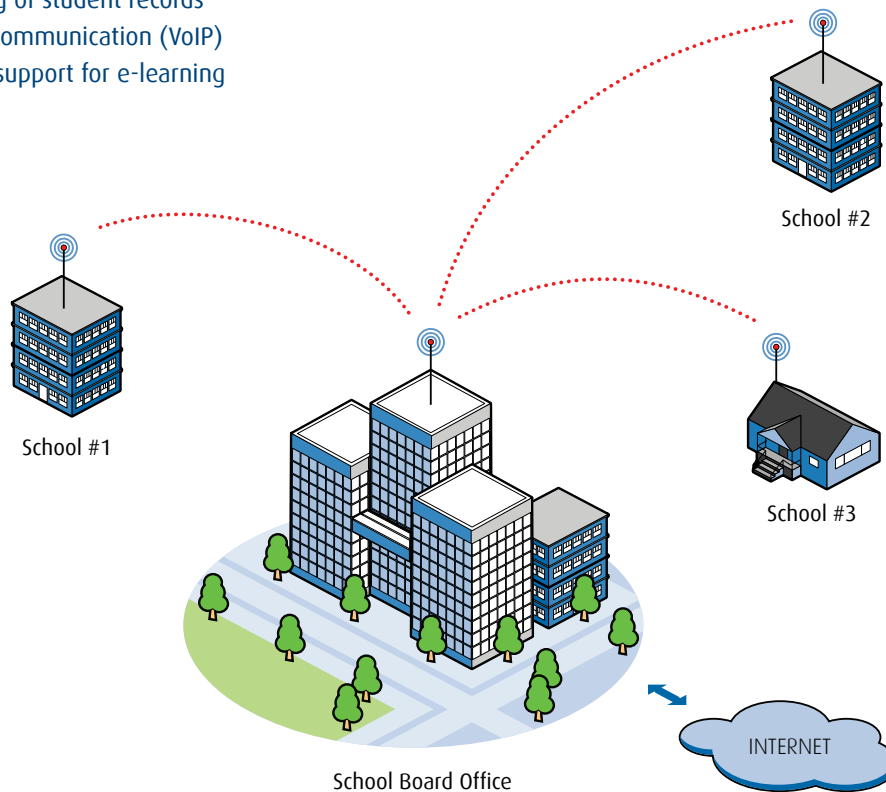
Using EION's wireless products, the school board set up a cost-effective, high-speed broadband wireless point-to-multipoint network covering an area twice the size of the Grand Canyon.

BENEFITS REALIZED BY GOING BROADBAND WIRELESS:

- The cost of laying wire line was eliminated.
- The network was set up in hours
- Monthly costs to lease telephone company circuits were eliminated
- Files can be downloaded quicker because the wireless links provided more bandwidth than the wire line circuits
- Increased access to resources for staff and students

EION'S SOLUTIONS FOR THE EDUCATION SUPPORT MANY DIFFERENT APPLICATIONS, INCLUDING:

- Real-time data exchange school board office
- Sharing of student records
- Voice communication (VoIP)
- Video support for e-learning



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EION Wireless, a division of EION Inc., is a global provider of Broadband Wireless products that enable effective, economic and secure wireless high-speed communications solutions. As a Principal Member of the WIMAX Forum with several thousand broadband wireless installations, EION Wireless is committed to providing standardized, interoperable products based on 802.16 standards. The company's licensed and unlicensed frequency products are used by wireless ISPs, private network operators, and remote rural networks and in voice and data backhaul applications to solve last mile challenges. EION Wireless works with more than 165 worldwide channel partners to support its diverse global customer base.