



Connect. Communicate.
LEARN.

ADURAN[®]

ENABLE

“Delivering IT services and support is a constant challenge for CIOs, IT Managers, and Network

The Challenge of Technology in Education

Across the country, educators at all levels - from PreK-12 to higher education - are faced with an increasing number of technology challenges: mobile devices in classrooms, BYOD and e-textbook initiatives, cloud computing, unified communications, virtualization, and many more. At the same time, educators are being asked to do more with less, as the economic conditions are constraining education budgets. It is more important now than ever to focus on solutions that offer more impact at less cost. These solutions also need to enhance the learning environment and contribute to the advancement of technology in education.

At ADTRAN® we understand the challenges that educational institutions face daily. We are dedicated to providing innovative, yet cost-effective solutions that:

- Strengthen the campus backbone to support high-performance computing
- Enable district-wide wireless to support BYOD initiatives
- Upgrade the LAN to support e-textbooks, video streaming and online learning
- Improve staff productivity with unified communications
- Leverage existing cabling infrastructure to deliver Ethernet applications

ADTRAN's Fiber-to-the-dorm, Cloud Connectivity, Unified Communications and virtual Wireless LAN solutions power next generation networks, enabling educational institutions to Connect, Communicate and Learn.

The American Reinvestment and Recovery Act

The presidential focus on education and the initiatives defined in the American Recovery and Reinvestment Act (ARRA) is fueling support and funding for improvements in the U.S. education system. This act provides a stimulus package appropriating reimbursement incentives directly to qualifying schools and school systems for a number of improvement and quality measurement directives. These directives include the use of technology for promoting learning, and improving teaching and student education outcomes.

Investing in advanced IT systems can help prepare your student population to take advantage of the most advanced applications of the 21st century. This is critical to help the U.S. continue to compete in a global economy where smartphones, tablets, laptops, e-readers, social media, the Internet, and other technologies are the cornerstone of communication for our next-generation workforce. Teaching students to harness and utilize technology in a meaningful, ethical, and beneficial manner for the advancement of business and society are powerful new requirements for educators in today's world.

ADTRAN can help you face the challenges ahead, harness the power of the stimulus package, and invest in technologies today that will cut costs now and offer savings and efficiencies that will carry you into the future, successfully.

in a school or university
Administrators.

- School Technology Action Report (STAR)





“Building the infrastructure

– National Education Technology Trends:
State Educational Technology
Directors Association (SETDA)

21st century education environment requires a technology that includes access to devices and sufficient broadband.”

Next-generation Networks:
The Key to a New Education Model

Technology helps break down geographic barriers and facilitates global communications for interaction and learning. Technology that provides an enhanced learning environment with mobile devices, e-textbooks, social media, and video streaming can bring the classroom alive and allow students and teachers to collaborate globally — without ever leaving the classroom.

ADTRAN offers everything an educational institution needs to improve the academic experience, enhance teacher credentials, and interconnect a wide range of systems that enable wireless in the classroom, multimedia instruction, online courses, blended learning, telepresence, and unified communications. These solutions help enable campuses to share content and material universally, online or through blended learning and through video and audio collaboration. The solutions also provide a platform for collaboration between campuses, across districts, and multiple geographic locations. ADTRAN is the ideal network equipment solution provider to help you advance learning through next-generation networking while keeping spending in check.

Technology Benefits:
In the Classroom and Beyond

A cost-effective, high-performance, secure network is key to successfully implementing effective technology applications that create a more meaningful learning environment. Implementation of new technology can facilitate secure, cost- and timesaving information exchange, and help create new learning curriculums and distance learning programs. Other benefits include providing ubiquitous wireless access to support anytime, anywhere connectivity in K-12 classrooms and higher education facilities, such as dorms or other campus locations; and improving the learning environment as a result of freeing up resources.

Deploying Ethernet and IP-based network solutions that offer converged voice and data improves operational efficiencies, facilitates safer security policies, and creates immediate cost savings by eliminating redundant phone lines. With Unified Communications, schools and school districts can centralize communications and create a more effective two-way interaction between educators, students and parents. Upgrading the core network infrastructure of schools or the university campus backbone can help drive a richer, interactive learning experience with greater availability of online content and electronic learning tools. These tools not only create an engaging learning experience, they also help prepare this generation for the future in an increasingly competitive and technologically advanced society.

INNOVATE

VALUE

“Ultimately, the goal is to deliver by making strategic investments in people and technology”

Affordability: ADTRAN Helps You Do More with Less

In challenging economic times, ADTRAN understands that you have to be strategic in your IT spending decisions. If you are eligible, E-Rate can provide discounts to assist most schools and libraries in the U.S. to obtain affordable telecommunications services and Internet access. ADTRAN products qualify for E-Rate funding under the Internal Connection category of service. You will find that ADTRAN products are well known in the industry for inherently offering exceptional value, beyond pricing. In short, ADTRAN offers education providers of all sizes a broad range of secure, converged voice and data network communications solutions that provide highspeed connectivity, advanced functionality, and inherent security.

ADTRAN's products also simplify integration into your existing environment. Whether that's integrating into your existing PBX environment for unified communications, or extending Ethernet applications' reach over CAT3 or legacy copper cabling, or leveraging existing access points to deliver wireless access in the classroom, ADTRAN solutions offer a “blend and extend” approach to transition your existing network infrastructure to next-generation networks.

ADTRAN also provides an industry-leading warranty (five years to limited lifetime) and world-class support allowing you to utilize your IT funds for items that move your network into the future, not just maintain your existing equipment.

Our extensive network of partners are ready to help you design, implement, and maintain a network solution that will bring value to the business of education while keeping costs in line.

ADTRAN: Your Partner for Advanced Networking Infrastructure

With more than 20-years experience, ADTRAN is a networking partner you can trust. ADTRAN is in the business of helping educational institutions like yours integrate networking into daily business operations in a meaningful and cost-effective manner. ADTRAN solutions are robust and offer the functionality that you require today, with room for the expansion and integration of future applications, users, and locations.

Unique to ADTRAN is the level of high-touch support provided not only after product installation, but before and during the decision and evaluation process. With this combination of innovation and customer support, ADTRAN consistently delivers award-winning networking solutions you can trust to enable advanced, real-world applications.

high-quality education

– *School Technology Action Report (STAR)*

ADTRAN is ready to help you move your network infrastructure into the 21st century. For more information, visit adtran.com/sled





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