



Inspiring Next-Generation Learning

Share, Collaborate, and Explore

Students and professors need the right tools at the right time to facilitate productive, effective, and collaborative next-generation mobile teaching and learning.

That's why Cisco introduced the 21st Century Teaching and Learning Mobility Solutions for higher education. These solutions provide a solid, robust foundation for next-generation mobile teaching and learning using web-enabled tools, Web 2.0 applications, and context-based applications.

Cisco® 21st Century Teaching and Learning Mobility Solutions are built on the industry-leading [Cisco Unified Wireless Network](#), an award-winning architecture that combines the best elements of wireless and wired networking to deliver a secure, scalable wireless network with a low total cost of ownership.



21st Century Teaching and Learning Mobility Solutions

The Cisco Unified Wireless Network cost-effectively supports innovative tools and applications that meet and exceed today's and tomorrow's mobile teaching and learning requirements.

Learning and Collaboration Tools

How can mobile learning and collaboration be enhanced?

The Cisco Unified Wireless Network enhances learning and collaboration by supporting anywhere, any time access to web-based applications like [WebEx](#) and Web 2.0 solutions such as webcasts, podcasts, videocasts, wikis, and RSS feeds. It supports easy delivery of mobile eLearning, training, webinars, and events to students and professors.

Social Networking

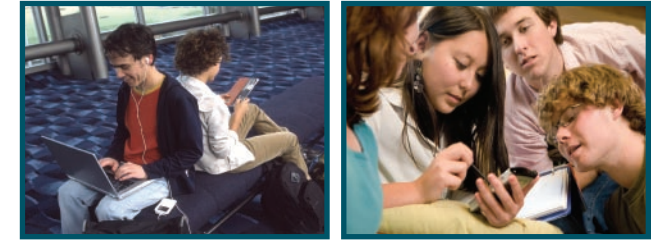
Is it easy to communicate, share, and interact with others while in motion?

The Cisco Unified Wireless Network supports easy, real-time access to social networking websites and tools from anywhere on campus, from a variety of mobile devices. Mobile professors can upload assignments and share course-related links. Students can connect while in motion to organize study groups. Micro-blogging can facilitate publishing short messages to students about classes or campus emergencies.

Context-Based Learning

Is the right information being given to the right user, at the right time?

The Cisco Unified Wireless Network supports context-based mobile learning environments that enrich and broaden the learning experience in real or virtual-world environments. Learning is enhanced because the user receives the right information at the right time, based on their location and current learning needs. Information is pushed to a user's wireless device (for instance, to a PDA, laptop, or dual-mode phone) from the unified network as the user roams in a specified area.



Cisco 21st Century Teaching and Learning Mobility Solutions for higher education deliver the infrastructure that colleges and universities need to support next-generation teaching and learning tools and applications:

- Professors can easily connect with their students where students spend so much of their time—on social networking websites such as Facebook or MySpace.
- Learning is expanded beyond the classroom, becoming more collaborative, interactive, and dynamic.
- Students and professors can seek out new opportunities and creative tools to connect and learn.
- Professors can use context-based learning solutions to interactively manage student access to course materials, applications, and the Internet, based on the time of day, user profiles, and other criteria.

“Blending mobile and virtual-world technologies has unmatched potential for producing effective technology-based learning.” —Coventry University

Learn more by reading the brochure: [Cisco Mobility Solutions for the 21st Century University: Higher Education in Motion](#)

Cisco is the Market Leader and Vendor of Choice for Empowering Colleges and Universities to Meet and Exceed their Mobility Requirements:

Cisco has an extensive portfolio of mobility products to cover all areas of the campus, from parking lots and classrooms, to dorms, stadiums, administration offices, outdoor areas, and research facilities.

Cisco is the only wireless vendor to deliver integrated mobility applications through an open, extensible platform that supports Wi-Fi, Ethernet, cellular, and WiMAX.

Cisco performs stringent testing of platform, client, and application interoperability through the [Cisco Compatible Extensions](#) program, the [Cisco AssureWave](#) program, and our collaboration with Intel and third-party application providers.

Cisco is the established leader in next-generation, 802.11n technology with the [Cisco Aironet® 1250 Series Access Point](#) serving as the platform against which all other manufacturer's access points are tested for worldwide [Wi-Fi Alliance](#) compatibility.

Cisco offers the industry's broadest array of mobility services, including [voice over WLAN](#), [context-aware mobility](#), [location services](#), [mobile intelligent roaming](#), [adaptive wireless IPS](#), [secure client manager](#), and [secure guest access](#).

Cisco is the only wireless vendor to deliver true **enterprise-class security** from Layer 1 to Layer 7 that includes a powerful intrusion prevention system (IPS), world-class firewall, threat assimilation, threat mitigation, and [Network Access Control \(NAC\)](#).