

Improving efficiency on the higher education campus



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 63177777
Fax: +65 63177799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

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welcome to
the human network.



Enhancing productivity. Delivering on expectations.

Inspiring New Connections.

As the cost of college and university degrees increases, everyone from students and their parents to faculty and staff has greater expectations for the higher education learning environment. Ensuring that your institution meets these expectations plays a critical role in recruiting students, researchers and professors, attracting donors, and establishing a campus known for the quality of its higher education.



Ensuring that your institution meets these expectations is critical in recruiting students, researchers and professors, attracting donors, and establishing a college or university known for the quality of its education.

Increasing efficiencies throughout your campus allows you to allocate more money for instruction.

When it comes to keeping your institution running effectively, there are at least three important challenges that you may be facing on every day:

- Budget limitations
- Implementing new technologies without negatively impacting users

- A continual focus on recruiting the best and brightest students, faculty, and staff

At Cisco, we understand these challenges. Our goal is to help you find the best solutions to these problems so you can focus on your educational mission.



Addressing your day-to-day challenges

Creating Connected Learning Societies, Together

At Cisco, we bring people together through the power of the network. By removing barriers to interaction, allowing for richer communications, and fostering true collaboration and deeper connections, we help ideas and opportunities thrive. In education, connecting, engaging, and empowering learners, educators and leaders are the most important objectives of our innovative solutions and partnerships. New skills are at the heart of growth and progress. Our technology-enabled learning systems help make efficiently cultivating these new skills a reality anywhere, anytime, on any device. This is our vision for a Connected Learning Society. This is the future.

Making the Most of Your Budgets

Your budget challenges are two-fold: how do you wisely spend the limited funds you have while putting the programs and people in place to attract new funding sources? It's the classic conundrum of doing more with less, without lagging behind your peers.

In today's technology environment, it is possible to find savings opportunities virtually everywhere on your campus. From automating repetitive administrative tasks and streamlining processes to improving communications and offering students self-service options, you can find a variety of opportunities for increasing efficiencies. There are even opportunities in facilities management that can help you reduce your operational costs while simultaneously supporting green practices. These solutions also have the added advantage of helping you access new funding sources by helping to ensure that every encounter with your college or university is positive and points to your potential.

Here are some critical questions for your organization to ask about budget limitations:

- How do we empower staff, faculty, and students to collaborate?
- What tools do we provide to make everyone more productive?
- What manual processes can we automate?
- How can we more efficiently manage our facilities?
- What will help us appeal to funders? • How can we reach new markets?

Getting Technologies to Get Along

Progress is not always a smooth process, especially when you're trying to integrate leading-edge solutions with older infrastructure. Whether you want to provide wireless connections to the Internet across your campus, automate routine administrative tasks, or better connect students, faculty, and staff, innovation is always going to cross paths with established infrastructure. Your best bet is to ensure you have a solid network foundation—including scalable, manageable, and flexible data centers—to accommodate new advances without impacting your users.

New technologies are critical to helping your institution attract high-quality faculty and students, while operating at peak efficiency. By doing everything possible to ensure that users have a positive first experience with a new technology, you can directly impact the adoption of technology and the perception of its benefit. Your network is a platform for delivering the latest technology advances and creating a richer learning environment that all of your constituencies will find accessible and easy to use.

To help ensure your new technologies are successful, consider these questions:

- Do I have a communications and data network in place that can accommodate new developments?
- Can existing data centers meet growing numbers of computer users, more powerful research tools, and increasing data demands?
- How will this new technology integrate with existing systems?
- Do I have sufficient infrastructure in place to support new technologies?

Making Your Institution Attractive on All Levels

As an institution of higher learning, you are judged on the caliber of your faculty and the quality of your latest class of students. Recruiting the best and brightest is an ongoing effort that impacts every aspect of your campus. An additional challenge is that today's students expect their institutions to be as infused with technology as the rest of their world. And faculty members want tools and capabilities that will help them succeed in academia.

From distance learning and the latest research tools to anywhere, anytime, any device connectivity and media-rich learning environments, all your audiences are looking for flexibility in the way they conduct their academic pursuits. The collaboration that is taking place in today's leading colleges and universities demands a new kind of technology infrastructure. Putting that infrastructure in place will help with recruitment and give you a competitive advantage in a complex academic world.

Maximize your recruiting efforts by measuring your organization against these ideals:

- How easy is it to access information on your campus?
- How are you working to connect your faculty, staff, and students with one another?
- Can you offer your students the same technology conveniences they enjoy in their everyday life?
- Where can you improve the student, staff, and faculty experience?

Cisco solutions for efficiency



Think of your network as a platform for delivering the tools and processes that will make your campus more efficient and more accessible. Cisco® solutions optimize that network to help you respond to the ever-changing demands of your faculty, students, and staff.

Cisco solutions deliver:

- **Improved communications:** A single communications system combining voice, video, and data boosts faculty and student satisfaction by enabling them to reach the right person at the right time.
- **Enhanced collaboration:** With a single, combined voice and data network, sharing information is easy, inspiring new learning opportunities and bringing staff, students, and faculty together.
- **Reduced costs:** By streamlining processes and automating repetitive tasks, you can reduce costs and help ensure that your staff focuses on more valuable activities.
- **Simplified facilities management:** By enabling centralized management of facilities, you can streamline building control and campuswide communications. The result is more efficient and globally responsible oversight.

- **Optimal responsiveness:** Boost the resiliency and responsiveness of your infrastructure with data center solutions that accommodate the increasing system demands of additional computer users as well as data-intensive research tools and distance learning applications.
- **Expanded mobility:** Enable access to information and systems from anywhere on campus or around the world, providing better learning and helping ensure that all your constituents stay connected to your institution.
- **Increased information sharing:** Providing your students with on-demand lectures and live broadcasts enhances their classroom work. Electronic signage around campus increases access to schedules or news from anywhere.

These Cisco solutions are designed to help higher education institutions improve operational, administrative, and energy efficiency and provide fast, easy, secure access to information:

- **UC/Collaboration:** Streamline communications and enhance professional development of your educators with WebEx, TelePresence and other online tools to help students, faculty, staff and parents connect and collaborate in real-time.
- **Notifi-ED:** On- and off-campus notifications of teachers, parents, students, and staff to keep everyone transparently informed and to streamline communications and decrease cost.
- **Wireless and Mobility:** Create a robust, end-to-end mobility-enabled network that supports the unique needs of today's students.
- **CRE/EnergyWise:** Improve school energy management and reduce energy consumption with innovative architecture, delivering all building services over a centrally-managed network.
- **DC/Virtualization:** Virtualization, unified fabric, and unified computing technologies that help schools to manage their existing server resources more effectively, simplify data center management, integrate resources into a cohesive system.

How Cisco Services Can Help

Cisco Services and our partners help higher education organizations simplify operations, contain costs, and enable real-time communication and interaction to foster a media-rich, learning environment that attracts and retains students and connects administrators, researchers, staff, and students across departments and around the world. Our expert teams help you support and optimize existing resources and rapidly integrate new solutions for secure, reliable access to organizational data, effective management of advanced technologies and improved collaboration across departments.

Offering a broad solutions portfolio and extensive experience in educational environments, Cisco Services works with organizations to design and develop connected learning and data systems that improve information security, expand education-program delivery methods and enhance student services. With easy, secure, and ubiquitous access to curricula using live streaming or rebroadcasting through next-generation, energy-efficient architectures, organizations can elevate educational excellence and administrative efficiency and establish a future-oriented platform for simplified technology infrastructure, management and support.

At Cisco, our goal is to put The Human Network Effect™ to work for you by helping you create an optimal learning environment for your students, faculty, and staff. Our networking technology allows you to improve communications, streamline operations, reduce costs, and enable advanced mobility. Ultimately, it boils down to one big idea – we help you connect those who know with those who need to know. We do it by helping to ensure that you have the right network in place to give your users access to information anywhere, anytime, from any device.

To learn more about Cisco solutions designed to improve efficiency in higher education, contact your Cisco representative or visit www.cisco.com/go/education