Cisco DNA for Education

Introducing an entirely new era of networking. The Network. Intuitive.

Students today are hyperconnected mobile users. They have high expectations that are constantly changing. Flipped classrooms. Makerspaces. Online classes. That's already yesterday, they'll expect more tomorrow. In a world of less time and lower budgets, education IT makes it happen. You're already juggling Bring-Your-Own-Device (BYOD) policies, Internet of Things (IoT) technologies, analytics to understand student behaviors and improve student outcomes and cloud to increase flexibility and provide cost savings. You have more data. More threats. More on the line. You need streamlined processes and new innovations. You need a new vision for what the network can do.

Cisco® Digital Network Architecture (Cisco DNA) revolutionizes how you design, build and manage your campuses. It's the foundation for a network that is constantly learning, constantly adapting and constantly protecting. So you can deploy faster with simpler, centralized management and get networks up and running in days rather than months. Turn intent into action with network driven insights for greater student engagement and smarter operations on campus. Your students, faculty and staff have high expectations. Cisco DNA infrastructure and solutions is how you stay ahead.

Benefits

- **Faster innovation with actionable insights:** Generate pervasive analytics to provide more relevant experiences, optimize space utilization and increase productivity.

- **Lower complexity and costs:** Roll out and update campus networks faster and reduce day-to-day operational and network management costs with automation and application assurance.

- **Reduced risks with security everywhere:** Secure faculty, research and other critical data with continuous, faster threat detection and security embedded networkwide.

With Cisco DNA, campus administrators and educators will be able to:

- Provide accessible resources to improve graduate employability and workforce preparation
- Address decreased student retention and increased competition for students, faculty and staff
- Improve campus safety
- Increase administrative and management efficiency
- Optimize campus space utilization and sustainability
- Foster business and research collaboration
- Encourage new markets and revenue streams
- Support digital fluency

Learn more

Visit us at Cisco DNA for Education.

Transform education with Cisco DNA solutions

Digital learning

Connected classroom: With Cisco Intelligent WAN (IWAN) with Akamai Connect, Cisco and Apple Fast Lane and Cisco High Density Experience (HDX), students can learn anywhere, anytime, with an efficient campus network that supports a multitude of users, applications and data types in high-density, dynamic environments.

Virtual classroom: Cisco VPN solutions support digital learning experiences such as flipped classrooms and online classes by protecting data while providing mobile students with access to the campus network.

Connected research: Cisco VPN solutions offer secure access that connects students and faculty to peers around the world, providing learning and research opportunities.

Digital campus

Secure campus: With Cisco Stealthwatch, Umbrella and Identity Services Engine (ISE), IT can protect students, staff and faculty in both physical and virtual campus environments.

Connected campus: With Cisco Connected Mobile Experiences (CMX), use WiFi and location analytics technology to enable context-aware experiences, services and content while optimizing campus facilities.

Smart workspaces: Cisco Enterprise Network Functions Virtualization (NFV) supports the scalable deployment of digital work hubs with integrated collaboration solutions across distributed school locations.

With Cisco DNA, IT leaders at educational institutions can:

- Prevent security breaches from inside and outside the campus
- Support technology innovations and changes in teaching and learning
- Manage decreased budgets coupled with increased network complexity (and increased operational costs)

- Manage institutional data through data standards, integration, protection, and governance
- Use business intelligence and analytics to understand staff and student behaviors
- Produce scalable and constituent-centered systems, services and processes