



Cisco DNA for Education

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

Today's students are hyper-connected mobile users, with high expectations that are constantly changing, from flipped classrooms to Makerspaces and online classes. With less time and lower budgets, you're already juggling Bring-Your-Own-Device (BYOD) policies and Internet of Things (IoT) technologies, together with analytics to understand student behaviours and improve student outcomes, plus cloud for greater flexibility and cost savings. This means more data and more more threats. You therefore need more streamlined processes and new innovation. You need to understand what your network can achieve.

Cisco® Digital Network Architecture (DNA) revolutionises how you design, build, and manage your campuses, providing the foundation for a network that is constantly learning, adapting, and constantly protecting. This lets you deploy faster with simpler, centralised management so that networks are up and running in days rather than months. Your students, faculty and staff have high expectations. Let Cisco DNA keep you ahead with network-driven insights for greater student engagement and smarter operations on campus.

Benefits

- **Faster innovation with actionable insights:** Generate pervasive analytics to provide more relevant experiences, optimise space utilisation 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:** Keep all your data secure 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
- Optimise campus space utilisation and sustainability
- Foster business and research collaboration
- Encourage new markets and revenue streams
- Support digital fluency

Learn more

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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 a robust 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 giving mobile students access to the campus network.

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

Digital campus

Secure campus: Cisco Stealthwatch, Umbrella and Identity Services Engine (ISE), can protect students, staff and faculty across both the physical and virtual campus.

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

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

With Cisco DNA, education IT leaders can:

- Prevent security breaches from inside and outside the campus
- Support technology innovation and new ways of teaching and learning
- Cope with smaller budgets, greater 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 behaviours
- Produce scalable and student and staff focused systems, services and processes