

Cisco Data Center in Education



Cisco Data Center Benefits for Educators:

- **Enhance the student experience:** Optimize application performance to ensure rich and continuous teaching and learning
- **Embrace learning innovations:** Continually enable new apps and services for teaching, learning, and research with flexible computing
- **Fuel advanced research:** Power big data analytics engines and STEM modelling with high-performance computing (HPC)
- **Increase agility and reduce risk:** Adapt quickly to change and maintain visibility and control with a converged hybrid infrastructure that scales securely

The Proliferation of Devices and Data

Advancements in technology are causing a groundswell of change in teaching, learning, and research that is reshaping the educational landscape.

The number of connected devices in schools is proliferating quickly, as schools adopt BYOD, one-for-one computing, and the Internet of Things. Applications for teaching and learning are multiplying and becoming standardized, both as aids to instruction and teamwork and as sources of content. And big data, machine learning, and other advanced forms of analysis are driving an increasingly high demand for computational power to fuel research.

Ignite Innovation to Learn without Limits

Cisco® Data Center solutions ignite innovation with a simple, automated, secure architecture built to enhance teaching, learning, and research.

Fuel groundbreaking research with high-performance computing. Ensure exceptional experiences on the applications and services you deliver. Embrace hybrid transformation in a way that is flexible and scalable, agile and secure. Our portfolio integrates analytics, simplicity, automation, and protection into a unified engine for transformative innovation that propels advancements in education.

On campus. Online. Across the globe.

Transform Education with Cisco Data Center Solutions

- **Connected Classroom:** Deliver exceptional user experiences on the applications you use to support teaching, learning, and research with a flexible, scalable, secure data center bolstered by Cisco UCS, Cisco Nexus, Cisco HyperFlex, Cisco MetaCloud, and Cisco Tetration Analytics
- **Connected Research:** Fuel advanced research throughout the arts and sciences and power big data applications with high-performance computing (HPC) built on Cisco UCS
- **Connected Campus:** Maximize performance of connected digital campus technologies to improve operational efficiency and harness insights to improve the student experience with converged and hybrid data center solutions like Cisco HyperFlex and Cisco MetaCloud

Cisco Is an Education Company

Cisco has a long, strong history in education and commitment to driving student outcomes. We design technology to boost student achievement. We partner with universities to drive innovation and train future leaders. We volunteer in schools around the world to give back and to support a culture of creative learning. We make it our mission to help students everywhere learn without limits.

To learn more about the Cisco Digital Education Platform and Data Center solutions for schools and universities, visit www.cisco.com/go/education

