

Cisco Mobility: The Education Enabler That Allows Students to Learn Without Limits



Digital learning is transforming schools. The schools of tomorrow will look dramatically different from the schools of today. Education institutions are prioritizing technology solutions that connect students and faculty to information and support new, innovative ways to learn. [Cisco® Mobility Solutions](#) help you keep up with this pace of change with a strong, digital-ready network, that includes options for large campus deployments to small schools with little or no IT staff.

Digital Learning

The digital learning mandate is helping to prepare students for our increasingly connected, rapidly changing world. Digital technologies help promote collaboration and creativity, while providing teachers and students with greater access to resources and faraway subject matter experts.

[Cisco Unified Access™](#) provides the foundation for digital learning by enabling anywhere, anytime, any device instruction. The Wi-Fi access provided by these solutions can support a high density of users, which will soon be a critical feature with the increase in mobile devices coming into the classroom from students and teachers. It also provides secure, reliable wireless connections to access online information and devices, including projectors and printers, even when teachers move between classrooms.

Education Innovation

Cisco Mobility Solutions can help schools provide personalized learning experiences for student engagement and improved outcomes. Bring-your-own-device (BYOD) programs let students use their smartphones to access information and watch video lectures with high-quality connectivity without compromising network security. Students can also be given fast wireless access to a variety of educational resources in innovative digital formats such as video, audio simulations, and animations, to help improve learning.

Digital Campus

Cisco Mobility Solutions can help transform schools and universities into digital campuses that support the always-connected student and the digitized learning experience. Today's digital campus must have high-speed wireless access while keeping the network secure from unauthorized users and malicious attacks. In addition, the campus can use connectivity to protect the physical safety of students and staff. Cisco Mobility Solutions provide the connectivity to help ensure campus safety and network security.

“Through wireless access, teachers connect students with learning experiences from beyond the classroom.”

Victor Alamo, *ICT manager, [South Island School](#)*

School Benefits

With Cisco Mobility Solutions, educational institutions can:

- **Support High-Density** with Wi-Fi that automatically adapts to an influx of users with Flexible Radio Assignment
- **Assure the network is always on and always ready** with multi-tiered reliability
- **Easy to use and maintain access points** for small school districts without dedicated IT staff with Cisco Mobility Express
- **Support collaboration applications and video** with high-quality connectivity and highest available bandwidth with 802.11ac Wave 2 with 160MHz and Application Visibility and Control
- **Detect both externally-launched attacks and insider threats** such as worms, botnets, network misuse, policy violations, misconfigured devices, and data leakage with Netflow and Lancope visibility
- **Identify problematic devices**, such as cameras, to meet regulatory guidelines with Cisco CleanAir®
- **Prioritize your student facing applications** with Application Visibility and Control
- **Provide safety, security, and asset protection** by tracking school-owned laptops and tablets with Cisco Connected Mobile Experiences, bluetooth beaconing, and Hyperlocation
- **Deliver push notifications during emergencies** by using Wi-Fi based location and geofencing with Hyperlocation and Bluetooth beaconing
- **Provide easy, secure guest and instructional access** for the typical 3-6 mobile devices per student with ClientLink as part of High-Density Experience (HDX)
- **Encourage education innovation** through faculty and student engagement for a better and personalized learning experience with Cisco Connected Mobile Experiences

Cisco Mobility Solutions

Cisco offers a range of solutions for small schools to large campus environments:

- [Cisco Wireless](#) is a versatile Wi-Fi foundation to support high-density BYOD in the classroom, whether managed on premises or from the cloud.
- [Cisco Mobility Express](#) is a simple, low-cost solution that delivers advanced performance and functionality for small schools and campuses.
- [Cisco Connected Mobile Experiences](#) is a location solution that powers on-campus safety and a quality experience for students and staff.
- [Cisco Services](#) help you plan, deploy, and manage the Wi-Fi foundation for education innovation.

Cisco builds the right wireless foundation with advanced intelligence that helps students learn without limits.

Next Steps

With more than 30 years in networking leadership, Cisco has the expertise, cost effectiveness, and customer satisfaction to transform your schools. To discuss Cisco solutions for education, contact your Cisco or Cisco partner representative.

For More Information

To learn more, visit the [Cisco Education Mobility page](#).