Cisco Meraki cloud-managed IT is built for the demands of modern colleges and universities, from managing lecture hall and dorm networks, to streamlining campus security and everything in between.

- High performing wireless access points are optimized for dense lecture halls, busy dorms, and campus-wide deployments
- Complete visibility and control over network users, devices, and applications
- Block inappropriate and illegal sites, and prioritize educational apps with device and application management
- Protect students and faculty from the network all the way to the outdoor quad with cloud-managed endpoint management, security appliances, built-in wireless intrusion prevention (WIDS/WIPS), and security cameras
- Self-provisioning, self-optimizing, and self-healing end-to-end solution makes it easy to deploy and manage without specialized training or dedicated staff
- Secure, manage, and troubleshoot iOS, Mac, Windows, and Android devices from the cloud with endpoint management
- The Meraki cloud architecture enables cost savings and future-proofing by eliminating hardware-based WLAN controllers and including all future firmware updates and feature releases
- Open, flexible, scalable interface with API integrations provides rich network and camera analytics for better decision-making

“We have a great, robust network with Meraki, and it’s exactly what we needed to support and enable new projects at Pfeiffer.”

– Dr. Ken Russell, Vice President, Digital Transformation and Chief Information Officer, Pfeiffer University
Complete visibility and control for the entire network

Reduce management complexity

- A unified dashboard provides visibility and control over the entire network deployment, regardless of size
- Zero-touch provisioning and built-in dashboard tools enable remote network management and troubleshooting, saving countless hours or even days
- 3G/LTE failover and Layer 3 & 7 traffic shaping help provide connectivity in demanding environments
- Scale and adapt the network by quickly deploying additional hardware as needed, creating learning spaces anywhere, without added complexity

Effectively allocate resources

- Serve Wi-Fi to hundreds of clients with each 802.11ac Wave 2 or Wi-Fi 6 access point
- Provide robust Wi-Fi to lecture halls, dorms, outdoor areas, and other learning spaces
- Limit excessive bandwidth usage with built-in QoS, Layer 7 traffic shaping rules, and per-port configurations on Meraki MS switches
- Define access and permissions by major or user group by partitioning SSIDs and setting granular policies
- Keep school-owned devices up-to-date by remotely deploying applications and updates

Protect students & maintain network security

- Ensure safe and secure campuses with automatically updating, industry-leading content filtering
- Protect students from inappropriate content with built-in Google/Bing/Yahoo! Internet SafeSearch
- Stop malicious threats and files, protect devices from phishing attacks, and analyze files retrospectively to spot malicious behaviors and flag for future attacks
- Create identity-based access policies, applying varying levels of filtering for staff and students
- Locate devices on campus using integrated Location Analytics, or by leveraging built-in, dedicated Bluetooth Low Energy radios in Meraki APs
ENDPOINT MANAGEMENT

The easiest way to manage college devices

With an endpoint management solution, IT can easily manage and control school owned devices. Cisco Meraki Systems Manager provides an easy to use and reliable solution for provisioning, monitoring, and securing end devices.

Provision school-owned devices
- Create device profiles and customize settings based on department, location, use, or other group
- Enroll devices in Systems Manager at scale with Apple DEP or Android Enterprise
- Preconfigure devices with access to the right Wi-Fi networks, email accounts, apps, and device configurations (including wallpaper, webclips, block app store access, etc.)
- Prevent users from removing Systems Manager on supervised devices

Keep Devices Up-to-Date
- Update devices en masse with the latest settings, applications, Wi-Fi profiles, and restrictions
- Integrate with Apple VPP to easily distribute free and paid apps and automatically keep apps up-to-date
- Silently push apps to supervised devices without entering Apple IDs or passwords

Ensure device security
- Enable web content filtering to prevent access to inappropriate content on school networks
- Establish a geofence perimeter and adjust device settings and access based on location
- Alert admin teams when devices leave a certain location
PHYSICAL SAFETY AND SECURITY

Ensure student and faculty safety from anywhere

Meraki smart cameras feature a unique architecture that stores video on the camera, not on an NVR or server. Colleges and universities can get an entire deployment up and running in a fraction of the time of a traditional solution: it’s never been easier to keep students and faculty safe.

See the entire campus at-a-glance

- Standardize all campuses around Meraki cameras and view everything from the browser-based video wall
- Scale seamlessly from one building to remote campuses

Easy access for those who need it

- Granular access controls for faculty and administrators
- First-of-its-kind access to live video feeds for law enforcement, first responders, and campus police without VPN or specialized software

Be the first to know with camera alerts

- Set zones and schedules to trigger motion alerts
- Easily detect when students or unauthorized personnel enter sensitive areas
- Receive an email or SMS if a camera goes down and troubleshoot more efficiently

Deployment and management are as easy as 1-2-3

- Eliminate onsite infrastructure using onboard camera storage
- No standalone software or manual configuration required

Increase school efficiency and save resources

- Use built-in analytics to make informed decisions based on busy areas on campus or under utilized areas
- Update the buildings with the most traffic first and make a case for expanding resources by quantifying traffic with built-in heat maps and people counting
Case Studies

With busy student centers, campus-wide events, sporting games, and bustling residence halls, high-density environments are copious at Albany State University. In order to provide the best experience for students, the IT team needed to future-proof their environment by deploying a network compatible with the latest Wi-Fi standards, as well as move network and physical security management to the cloud to simplify day-to-day operations.

- Located in southwest Georgia, the university has around 7,000 students and 1,000 faculty and staff members. The campus has over 30 buildings across 230+ acres
- Manage access points, switches, and cameras through the web-based Meraki dashboard; enabling remote access, faster troubleshooting, and simplified day-to-day maintenance
- Wi-Fi 6 compatible access points provide higher throughput and faster speeds in high density wireless environments, like the student union and housing common areas
- Easily use troubleshooting tools like auto channel assignment, RF analyzer, and latency visibility to make adjustments accordingly and resolve issues.
- With Meraki MV smart cameras, footage is directly stored on the camera, eliminating onsite infrastructure and complex deployment
- Access given to campus police, fire department, and school leaders to view the cameras as needed
- With a reliable network and smarter camera solution in place, the IT team can focus on improving student and staff experiences across campus.

“I believe that if a student is happy in their dorm and on campus, they can collaborate with their family and friends remotely, and they don’t have connection challenges or feel like they’re disconnected from the world, then they will have a better experience and get to their goal of earning a degree.” – Noore Ghunaym, Director of Infrastructure

With a 13 to one ratio of students to professors, newly renovated digital classrooms, and a competitive eSports program, Illinois College strives to provide a well rounded college experience for students. But in order to ensure students feel safe across campus, have uninterrupted learning in classrooms, and have reliable access in dorm rooms, a robust network is required.

- Located in central Illinois, the small liberal arts college educates around 1,000 students across 45 majors
- Cloud-managed access points, switches, security appliances, and smart cameras are all managed through the Meraki dashboard
- Ease of network and camera deployment saved the college hundreds of thousands of dollars
- Built-in malware protection drastically decreased the amount of students with viruses on their computers and automatic firmware upgrades keep the network secure
- The team uses the Motion Search feature on the cameras to find important events and stores footage based on motion, allowing them to store important footage for a longer period of time
- Meraki deployment continues to scale with the college’s needs, with new features being added to the dashboard regularly that the IT takes advantage of regularly
- No matter where students go on campus, from their dorm room, to the lecture hall, to the outdoor quad, they always have seamless connections supported by Meraki.

“Meraki has impacted our whole department; our ability to operate efficiently, and given us valuable time back to provide solutions and support for our students, faculty and staff.” – Patrick Brown, CIO
100% CLOUD-MANAGED IT PRODUCT FAMILY

**Wireless Access Points**
Supports high density campus deployments with faster connections and seamless roaming

**Switches**
Centrally managed Layer 3 Ethernet switches designed for performance and reliability

**Insight**
Works with MX to collect network/web traffic and visually identify and isolate web application problems

**Security & SD-WAN**
Feature-rich network security stops malicious files and ensures student data privacy

**Endpoint Management**
Centrally manage iOS devices, Androids, Macs, and Windows devices

**Smart Cameras**
Scalable, easy-to-use physical security deployments with built-in storage and intelligence

**AWARD-WINNING CLOUD MANAGEMENT ARCHITECTURE**
- Network-wide visibility and control
- No on-site controller hardware
- Automatic monitoring and alerts
- Seamless over-the-web upgrades
- Scales to networks of all sizes

Try Cisco Meraki in your district, try meraki.cisco.com/eval

"Since deploying Meraki in the residence halls and academic buildings, I never hear complaints. Right out the gate, the student experience was excellent and support tickets dropped." – Kevin Pait, Interim CIO and AVC for IT, UNC Pembroke

"Managing the Meraki network is simple and straightforward. The seamless interoperability of all the components and reports made Meraki an integral part of our student success mission." – Evan Kobolakis, CIO & AVP ITS, SUNY College Old Westbury

"Meraki has created efficiencies for us right out the gate. Having wireless that’s easy to configure and support allows us to take that base and use APIs to interact with students differently." – Peter Williams, CIO & Associate VP for IT, Butler University

"We were able to successfully deploy 30 remote sites in 30 days with Meraki. When the devices connected to the network, they downloaded the configs and started working. It was seamless." – Dan Hutchison, Network Infrastructure Engineer, Saint Leo University