

Power. Flexibility. Control.

100% Cloud Managed IT  
for Higher Education

Albany State University deploys Meraki Wireless, Switching, and Security to support seamless network access throughout the high-density campus.

From crowded lecture halls and dormitories to satellite campuses, the Cisco Meraki cloud managed IT solution is built for the demands of higher education

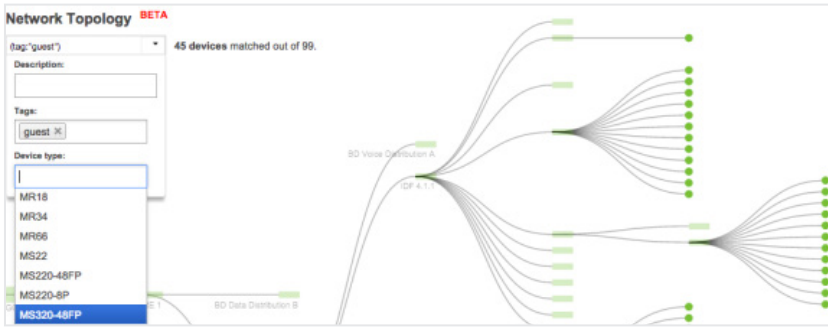
- Comprehensive network monitoring, configuration, and control of wireless, switching, security, phones, and mobile devices via a centralized and intuitive dashboard
- High-performing wireless access points are optimized for dense lecture halls and campus-wide deployments
- Application management is built in: block unwanted BitTorrent usage, limit YouTube streaming, and prioritize educational apps
- Connect and manage satellite campuses with cloud managed security appliances
- With intuitive cloud based management and self-provisioning, self-optimizing, and self-healing hardware, the Meraki solution is easy to deploy and control without training or dedicated staff
- Secure, manage, and troubleshoot mobile devices, Macs, and PCs from the cloud with Systems Manager mobility management
- The Meraki cloud architecture enables cost savings over traditional solutions by eliminating additional on-premise hardware and controllers



Thousands of educational institutions trust Cisco Meraki



# Cloud based management is easy to use, and provides complete visibility and control of the entire network and its users



## Centralized management without controllers

- Built for rapid campus-wide deployments
- Simple centralized management, no training or dedicated staff required
- Wireless 802.11ac Wave 2 APs and multigigabit switches serve environments with high density requirements
- Extra memory and CPU for campus workloads

### Access policies

Name:

RADIUS servers

#	Host	Port	Secret	Actions
1	10.135.16.12	1812	.....	Show key + X

[Add a server](#)

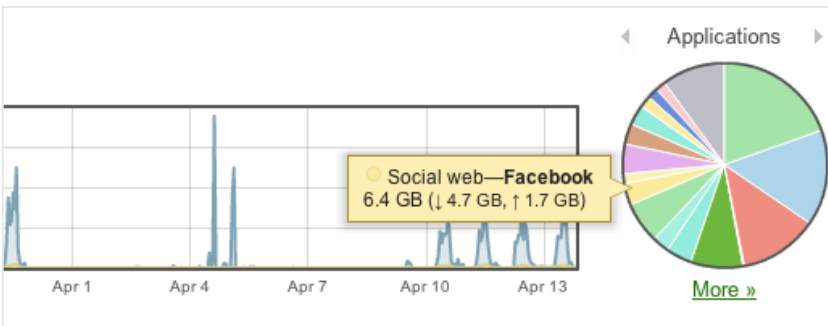
RADIUS testing:

Access policy type:

Guest VLAN:

## Built in comprehensive network security

- User authentication and device posturing wireless and wired products
- Automatic device authentication and provisioning with Systems Manager Sentry
- Voice-VLAN detection with 802.1x authentication bypass or enforcement
- Client visibility and network access logging



## Identify unique users and devices accessing the network

- Manage users, devices, and applications on the entire network
- Control bandwidth usage per application or device
- Locate clients with Google Maps integration
- Easily create distinct policies for students, faculty, and staff
- Limit or block unwanted applications in parts of the network or based on a schedule

### Systems Manager [details »](#)

Status: Currently connected

Network: [Meraki SF - systems manager](#)

Tags: none

Settings: up-to-date

Aug 08

### Installed software

Installed at	Name
Aug 08, 2016	Intel AppUp(SM) center
Aug 08, 2016	Windows Live Installer
Aug 08, 2016	Intel(R) OpenCL CPU Runtime
Aug 08, 2016	Lenovo Solution Center
Aug 08, 2016	Microsoft Visual C++ 2010 x86 Redistributable - 10.0.40219
Aug 08, 2016	Intel(R) PRO/Wireless Driver
Aug 08, 2016	ThinkVantage Active Protection System
Aug 08, 2016	Microsoft Visual C++ 2008 Redistributable - x86 9.0.30729.55
Aug 08, 2016	Power Manager
Aug 08, 2016	Mesh Runtime

## Mobility management and seamless BYOD

- Centrally manage Macs, PCs, and mobile devices
- Enforce device security and restrictions
- Deploy applications and updates with one click
- Scales to thousands of devices

For more information, call your Zones account executive or 800.408.ZONES today.





## Case Study: Goucher College, Campus Switching and Wireless

- Baltimore County, Maryland campus needed to provide high-bandwidth and secure network access for 2,000 graduate and undergraduate students and 200 faculty members
- Goucher College selected Meraki wireless and switching to upgrade their old network in order to facilitate new requirements for video learning and campus-wide network connectivity
- Meraki MS Switches can be found across campus and provide a reliable 10-gig backbone to handle the network's most demanding applications, all connected to a Cisco Nexus switching core in the central office
- Meraki zero-touch configuration meant IT staff could preconfigure hundreds of network devices from one dashboard before even unboxing them, saving countless hours and ensuring an error-free deployment

**"All of the little things that I used to worry about are gone, now Meraki just does it."**

- Greg Howard, Director of Networking and Telecom, Goucher College



## Case Study: Westmont College, the All-Wireless Campus

- 1,100 students and 300 faculty members on the Southern California campus need constant connectivity, indoors and out
- Westmont College replaced old access points that covered only residences and dining areas with over 250 Meraki APs that blanket all 111 acres of the campus
- IT staff uses Meraki cloud based management to troubleshoot and solve students' connectivity issues over the web, without specialized training
- Westmont also uses Meraki security appliances to manage and connect satellite campuses
- Over 90% of all network traffic is now wireless

**"Meraki is one of the best technology decisions I've made in over 30 years."**

- Read Sheard, CIO, Westmont College

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# 100% Cloud Managed IT Product Family



**Wireless (MR):** Supports 100+ users per AP for high density lecture hall deployments and BYOD



**EMM (SM):** Cloud-based centralised management of iOS devices, Androids, Macs, PCs, and more



**Security (MX):** Feature rich security and networking, with up-to-date content filtering and AMP



**Communications (MC):** Simple to install and manage telephony for deployments of any size



**Switching (MS):** Centrally managed Layer 3 Ethernet switches designed for reliability and performance



**Security Cameras (MV):** Standalone cameras with remote viewing, analytics, and motion control search

## 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



**"I haven't had to think about one of our major network environments—and that says a lot."**

—Lee Badman, Network Engineer, Syracuse University



**"Meraki has the feature set, and they have a system that's really intuitive and easy to manage."**

—Jack Costanza, Assistant Director, M.I.T. CSAIL



**"We are getting more services and features for dramatically less money. It's hard to imagine a better solution."**

—Dr. Mark Koan, Dean of I.T., Phoenix College



**"We were immediately impressed with the Meraki solution and how we could manage everything through it."**

—Chuck Faraj, CIO, Remington College

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