



Meraki

2018 Solution Brochure



INTRODUCTION

100% Cloud Managed IT

Cisco Meraki cloud managed edge, branch, and enterprise-class campus IT solutions bring simplicity to organizations of every size. With wireless, switching, SD-WAN, security, communications, mobility management and security cameras, all centrally managed from the cloud, Meraki gives IT administrators visibility and control, without the cost and complexity of traditional architectures.

TRUSTED BY OVER A HUNDRED AND EIGHTY THOUSAND CUSTOMERS WORLDWIDE



Customer success across all industries:

Education | Retail | Healthcare | Hospitality
Corporate Offices | Industrial / Manufacturing
Government | Carrier Hotspot / Offload



“Meraki provides incredible visibility and control across our highly distributed network”

– Steve Shead, Director of IT, Peet’s Coffee and Tea

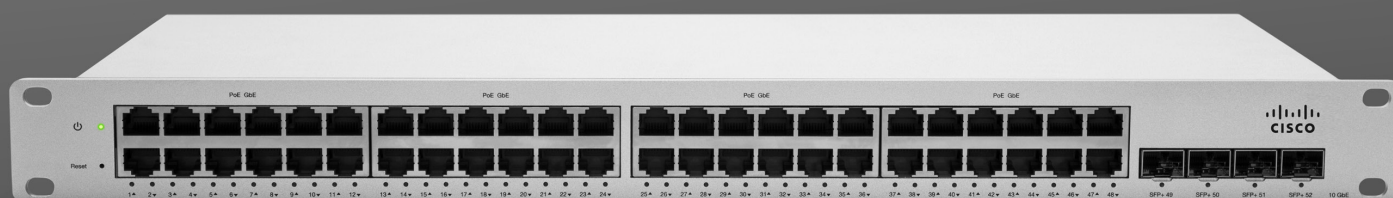


“I can speak first-hand about Meraki’s effectiveness at providing a turn-key, cloud-managed solution that makes managing a network easy.”

– Lee Badman, Network Engineer, Syracuse University

“Meraki provides the security, capacity, and management we need in a premium retail environment”

– Roger Mueller, Director of IT, Design within Reach



Try Meraki at meraki.cisco.com/eval

PRODUCT FAMILIES



Wireless

- Indoor and outdoor access point models
- 802.11ac Wave 2 with ultra-high performance, up to 2.5 Gb/s
- Cloud-based management eliminates controller hardware
- Built-in, powerful location analytics and dedicated security radio



Switching

- Enterprise-class stackable access and aggregation layer switches
- Centrally managed with monitoring, alerts and remote troubleshooting tools
- Optimized for voice and video traffic with PoE available on all ports



Security

- Complete networking, security, and application control
- SD-WAN features for smart use of dual VPN
- Includes routing, application aware firewall, content filtering, intrusion detection & prevention, Advanced Malware Protection

Mobility Management

- Manage apps and licenses on any number of devices
- Enforce restrictions and security policies
- Simple, automated security that is context aware



Communications*

- Delightful end-user experience
- Streamlined deployment for phones and service
- Essential communication features with no learning curve

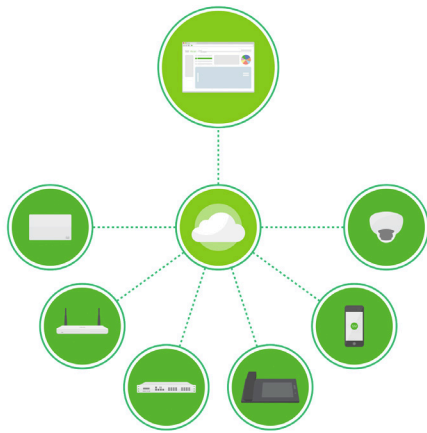
* US only with other countries to follow



Security Cameras

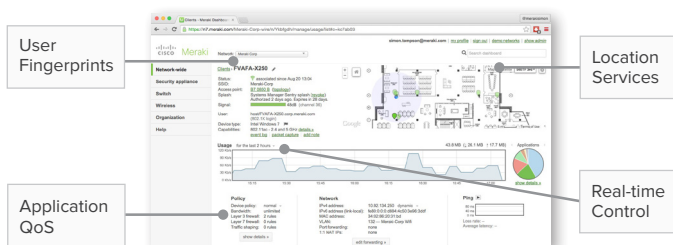
- Revolutionary edge storage eliminate external recording devices
- Easily export and download video clips to share
- Create and view video walls from anywhere in the world, local or remote

CLOUD MANAGEMENT ARCHITECTURE



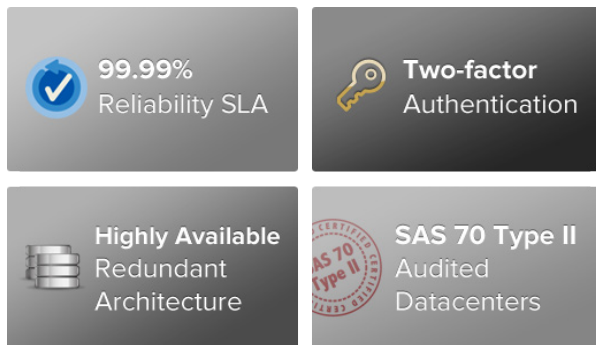
Cloud-Based Management System

- Network-wide visibility and control
- No controller, PBX or video recording hardware
- Automatic monitoring and alerts
- Seamless over-the-web upgrades
- Scales to networks of all sizes



Intuitive Browser-Based Dashboard

- Intuitive interface eliminates specialized training
- Network-wide visibility across campus and distributed networks
- Wired, wireless, security, communications and mobility management under a single pane of glass
- True zero-touch provisioning of network equipment



Secure, Scalable, and Reliable

- Industry-leading cloud architecture
- Custom designed database and real-time protocols
- Scales to tens of thousands of devices
- Regular 3rd party security audits and penetration tests (PCI level 1 certified)

“Meraki has the feature set, and a system that is intuitive and easy to manage. It’s a great experience for both end users and IT administrators.”

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

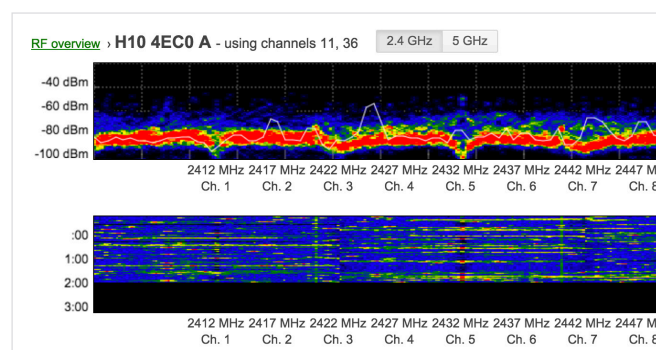
FEATURED SOLUTIONS

High Density WiFi

- 802.11ac Wave 2 with MU-MIMO up to 2.5 Gbps
- Optimized for 100+ clients per access point
- Layer 7 traffic shaping at the edge
- Cloud based RF optimization with spectrum analysis

Massachusetts Institute of Technology (MIT)

Deployed Meraki wireless LAN in university's largest department, supporting thousands of users in crowded areas.

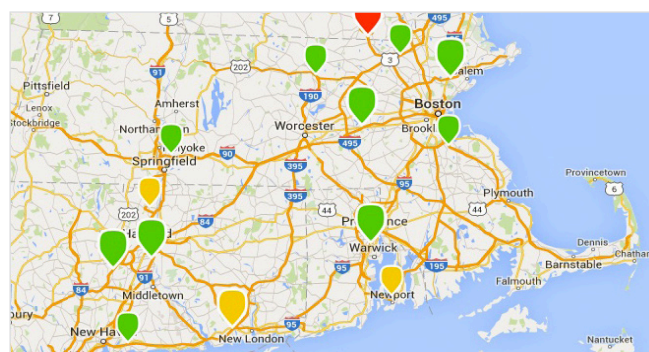


Branch Networking

- Built-in multi-site management
- Auto-configuring site to site VPN
- Centralized monitoring, alerts, and firmware updates

Mosaic Healthcare

Deployed Meraki wireless LAN and security appliances across 40 healthcare facilities, supporting 5,000 users in 11 states.

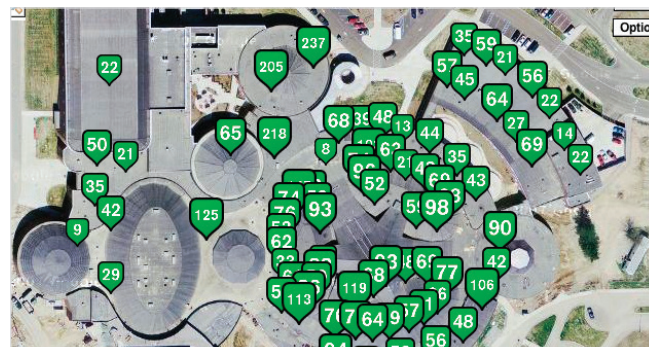


Campus Edge

- Centrally manage thousands of wireless APs and switches
- Enforce network policies at the edge
- Seamlessly scale with distributed packet processing
- Deploy, manage, and troubleshoot quickly with cloud based tools

Alvin Independent School District

Deployed 1,000 APs supporting 19,000 students and faculty, without dedicated wireless staff.



BYOD with Device Management

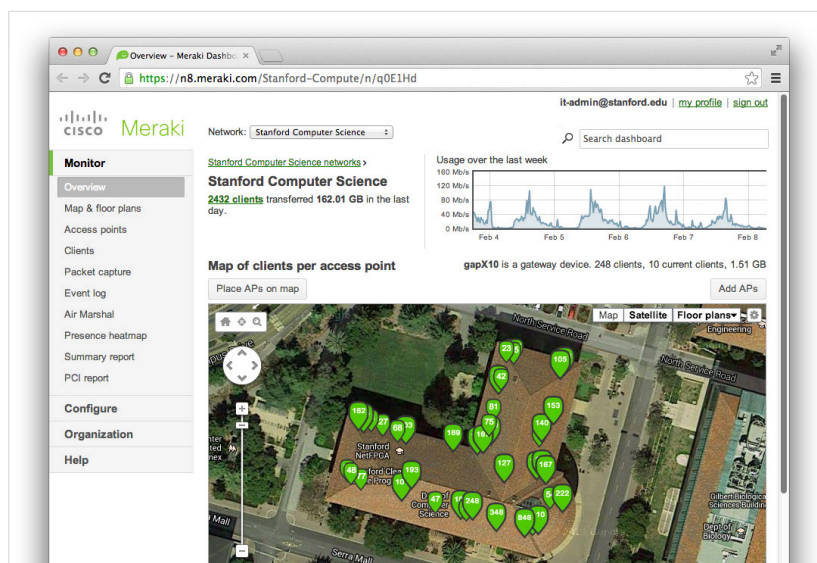
- Monitor, lock down and deploy apps on mobile devices
- Automatic client classification and policy enforcement
- Real-time posture assessment
- Integrate device posture with network policy

Foster Pepper PLLC

Deployed Meraki to securely support employee-owned devices and guest access at large Seattle law firm.

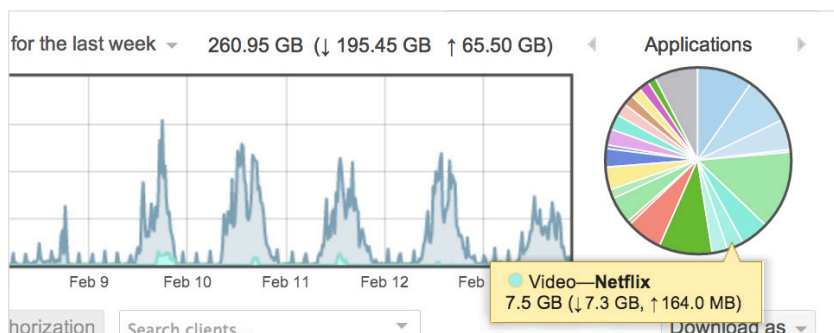
Priority	Systems Manager network	Tag scope	Tags	Policy
1	Meraki Corp - Systems Manager	With ALL of	<div> <div>Cisco</div> <div>MerakiSecure - compliant devices</div> </div>	Demo
2	Meraki Corp - Systems Manager	With ALL of	<div> <div>Cisco</div> <div>MerakiSecure - violating devices</div> </div>	BW Abuser

INTUITIVE, SCALABLE MANAGEMENT



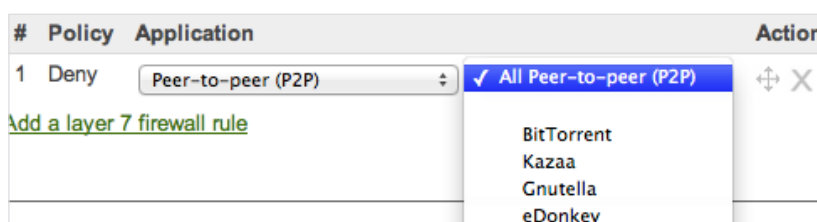
Scalable Cloud Management

- Built for rapid campus and distributed deployments
- Designed for high capacity environments
- Highly scalable, add capacity without bottlenecks
- Scales from small branches to tens of thousands of devices across many locations



Deep Network-Wide Visibility

- Identify tablets, phones, other devices, and individual users
- See bandwidth usage by application
- View client location, spectrum analysis, and other real-time metrics
- Comprehensive, customizable reporting



Controls Applications, Users, and Devices

- Create identity, time and device-based policies
- Limit BitTorrent, Netflix, and other bandwidth hogging applications
- Manage users and devices

KEY TECHNOLOGIES



Centralized Cloud Management



SD-WAN



Mobility Management



Application Control



Next Gen Firewall



Content Filtering



Remote Troubleshooting



Enterprise Security

