Meraki

2016 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 Tens of Thousands of 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
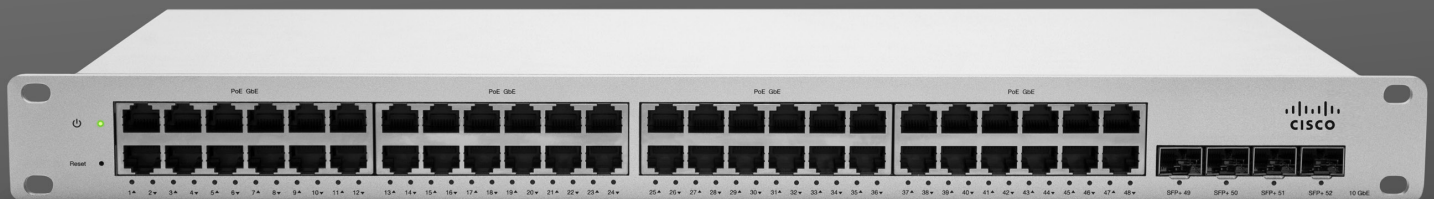
Try Meraki at **meraki.cisco.com/eval**

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
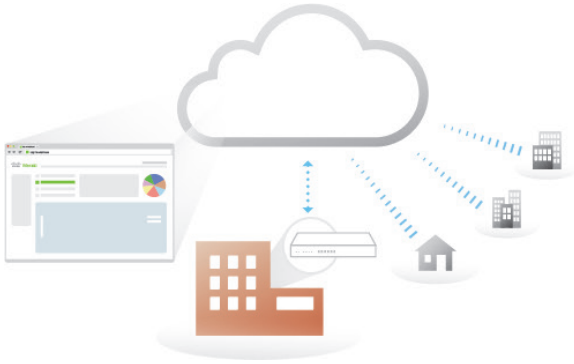
Cloud Based Centralized Management

- 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

User Fingerprints

Location Services

Application QoS

Real-time Control

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

99.99% Reliability SLA

Two-factor Authentication

Highly Available Redundant Architecture

SAS 70 Type II Audited Datacenters

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

Case study: Massachusetts Institute of Technology (MIT)
Deployed Meraki wireless LAN in university's largest department, supporting thousands of users in crowded areas.
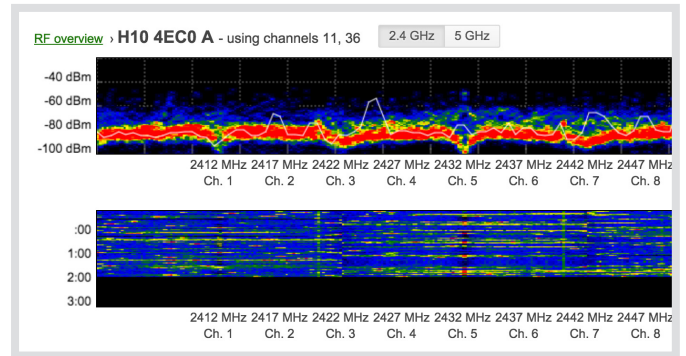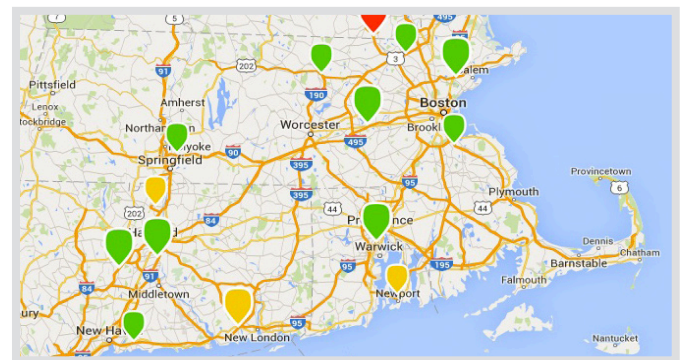

Branch Networking

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

Case study: 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

Case study: Alvin Independent School District
Deployed 1,000 APs supporting 19,000 students and faculty, without dedicated wireless staff.
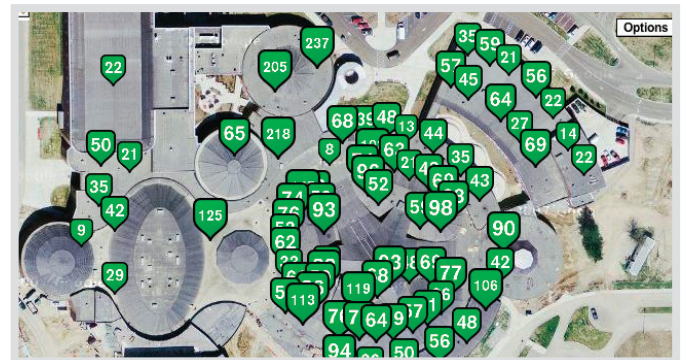

BYOD with Device Management

- 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

Case study: Foster Pepper PLLC
Deployed Meraki to securely support employee-owned devices and guest access at large Seattle law firm.
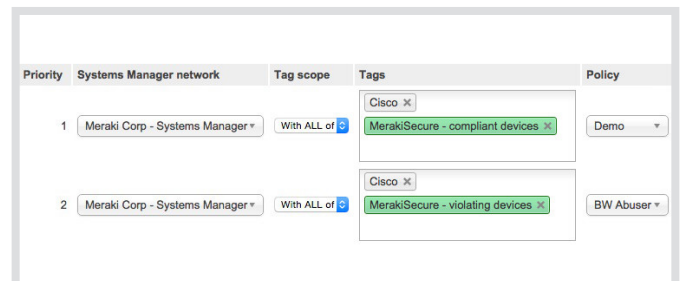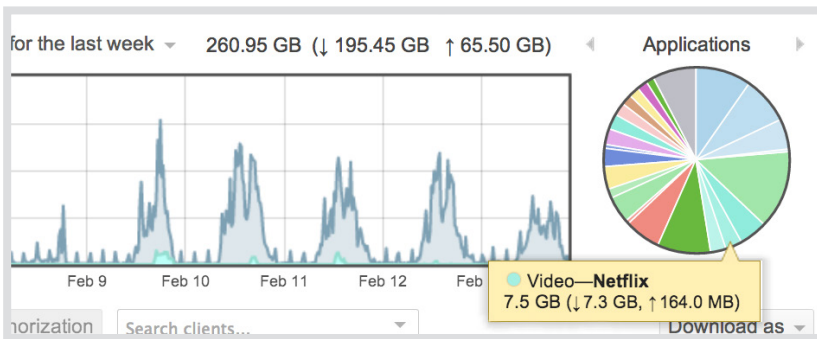
Intuitive, Scalable Management
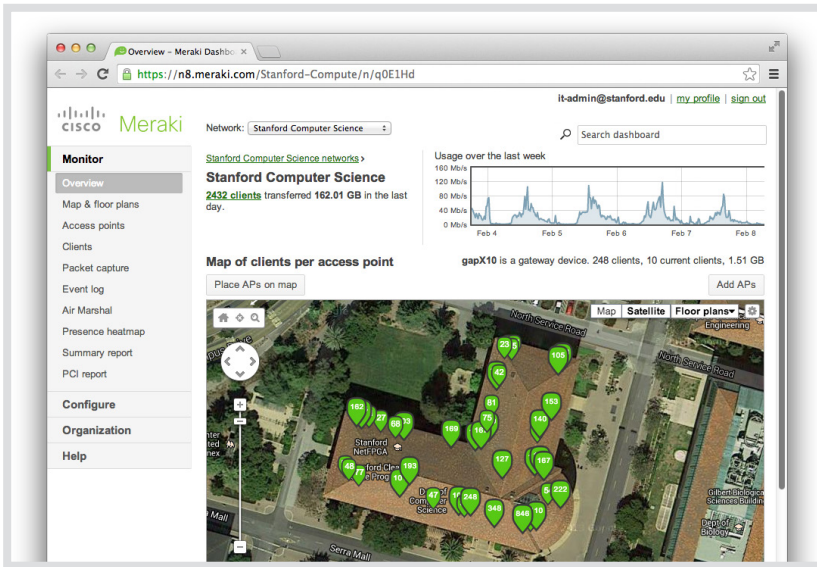
Scalable cloud management

- 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
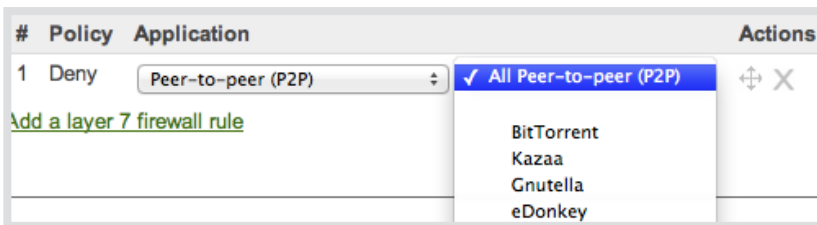
Controls applications, users, and devices

- Create identity, time and device-based policies

- Limit BitTorrent, Netflix, and other bandwidth hogging applications

- Manage users and devices

Key Technologies

Centralized Management

Application Control

Auto VPN

Device Management

Next Gen Firewall

Content Filtering

Enterprise Security

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