



Introducing Team's Cloud based Managed Networking & Security Services
Powered By

Cisco Meraki Cloud Managed Networking

cisco Meraki







Meraki Why do we need Cloud Managed Networking ???



CUSTOMER REQUIREMENTS

Rapid network deployment

End-to-end visibility

Network management at scale

High availability and redundancy

Creating new value from the network

Managing endpoints

Reduced IT overhead





Cisco Meraki Vision







Cisco Meraki Vision



Intuitive centralised management

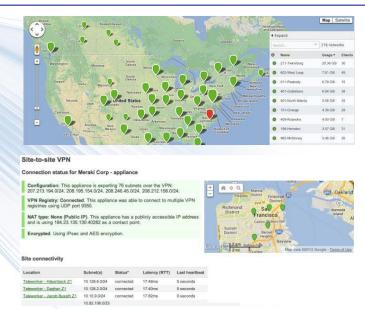
- · No training, no command line
- Templates to configure at-scale
- Packet capture, built-in tools and diagnostics

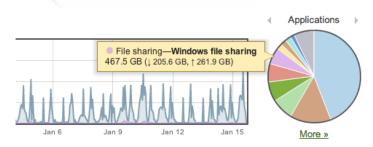
Designed for distributed enterprises

- Single pane of glass visibility
- Zero-touch provisioning
- Seamless updates from the cloud
- Site-to-site IPSec VPN in 3 clicks

Industry-leading visibility

- Fingerprints users, applications, and devices
- Network-wide monitoring and alerts
- Full stack: APs, switches, Security, MDM

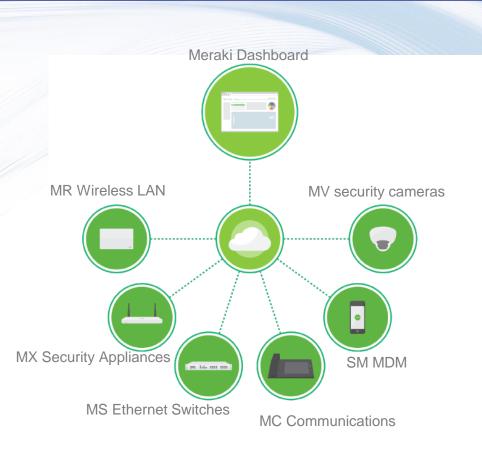






Simplifying across IT with cloud management





Cloud where cloud makes sense.



Benefits of a cloud-based solution





Security

- · No user traffic passes through cloud
- Fully HIPAA / PCI compliant (level 1 certified)



Reliability

- · Highly available cloud with multiple data centers
- · Network functions even if connection to cloud is interrupted



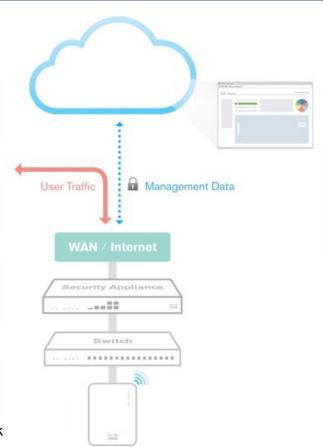
Scalability

- Unlimited throughput, no bottlenecks, scale to any size
- · Add devices or sites in minutes



Future-proofing

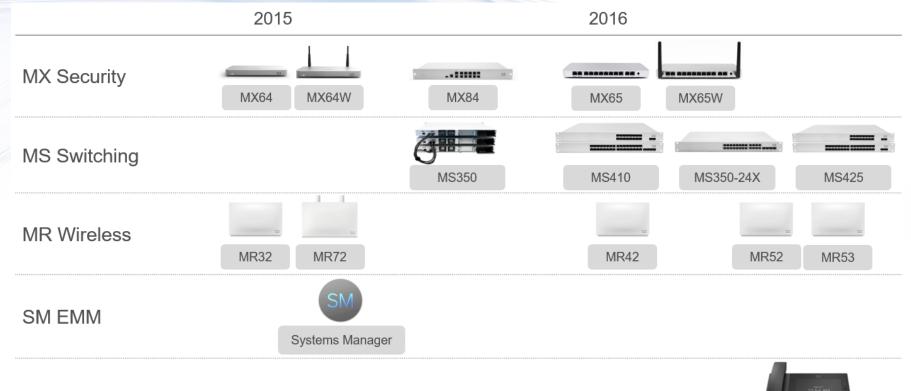
- New features pushed through firmware, guided by customer feedback
- Automatic firmware and security updates (user-scheduled)





Product Portfolio





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MC Communications

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Simple, all-inclusive licensing



A Meraki solution includes a 1:1 ratio of hardware and licenses



1-yr, 3-yr, 5-yr, 7-yr, and 10-yr options Licensing is required and includes:

Centralized management and network-wide visibility and control

Seamless firmware and security updates

24/7 Enterprise Support and lifetime warranty

The cloud license represents the total cost of ownership for all of your Meraki devices

MX Security Appliance





Feature highlights



Security

NG Firewall, Client VPN, Site to Site VPN, IDS/IPS



Networking

IWAN, 3G/4G Cellular, Static Routing, Link Balancing



Application Control

Traffic Shaping, Content Filtering, Geo Firewall Rules

A complete unified threat management solution

9 models scaling from teleworker and small branch to campus / datacenter

MX Security Appliances: Models



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Teleworker

Z11-5 users

Small Branch

- Andrew Control of the Control of t

MX64(W)

~50 users

802.11ac wireless

FW throughput: 250 Mbps





~50 users

802.11ac wireless & PoE+

FW throughput: 250 Mbps

Medium Branch

MX84 NEW ~200 users Dedicated WAN uplinks

FW throughput: 500 Mbps

Dual-radio wireless

FW throughput: 50 Mbps

Campus



Gigabit uplinks

FW throughput: 750 Mbps



MX400

~2,000 users

Modular interface

FW throughput: 1 Gbps



MX600

~10,000 users

Modular interface

FW throughput: 1 Gbps



Licensing that fits the business' needs



Enterprise License



Advanced Security License

Stateful firewall

Site-to-site VPN

IWAN

Link bonding and failover

Application control

Web caching

Client VPN

All enterprise features, plus

Content filtering (with Google SafeSearch)

Cisco AMP for Malware protection

Sourcefire IDS/IPS

Threat Grid integration*

Geo-based firewall rules

^{*}additional Threat Grid subscription required

MS Switches







Voice and video QoS

Layer 7 app visibility

Virtual and physical stacking

Dynamic routing

Enterprise security

Remote packet capture, cable testing

13 models scaling from access to campus aggregation

Introducing cloud managed physical stacking, multigigabit performance, and UPoE power to the campus network

MS Switches: Models



Layer 2 Access

MS200 series



MS220

8, 24, 48 port models Integrated power and fans Cisco RPS 2300 compatible

Layer 3 Access

MS300 series



MS320

24, 48 Port Models10 gigabit SFP+ uplinksIntegrated fans



MS350 NEW

24, 48 Port Models
Multigigabit and UPoE support

Physical stacking

Layer 3 Aggregation

MS400 series



MS410 NEW

16, 32 port models10 gigabit SFP+ uplinksPhysical stacking



MS420

24, 48 port models10 gigabit SFP+ portsFlexible stacking



NEW

MS425

16, 32 port models

40 gigabit QSFP+ uplinks

Physical stacking

Cloud-managed physical stacking



Physical stacking

World's first cloud-managed physically stackable switches

Exceptionally fast throughput

Spatial reuse provides up to 160Gb/s aggregate stack bandwidth

Cross-stack LACP

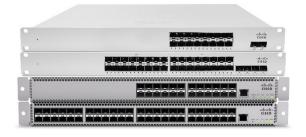
Aggregate links across multiple switches for up to 8x10Gb/s uplink to your core or aggregation switch

Stacking Configuration

Configure all stacking configurations from Dashboard in a simple and intuitive interface



MS350 family



MS400 Series



MR Wireless Access Points





Feature highlights

BYOD policies

Application traffic shaping

Guest access

Enterprise security

WIDS / WIPS

Location analytics

9 models including indoor / outdoor, high performance and value-priced 802.11ac Wave 2, multigigabit performance, and dedicated scanning and BLE radios Lifetime warranty on indoor APs

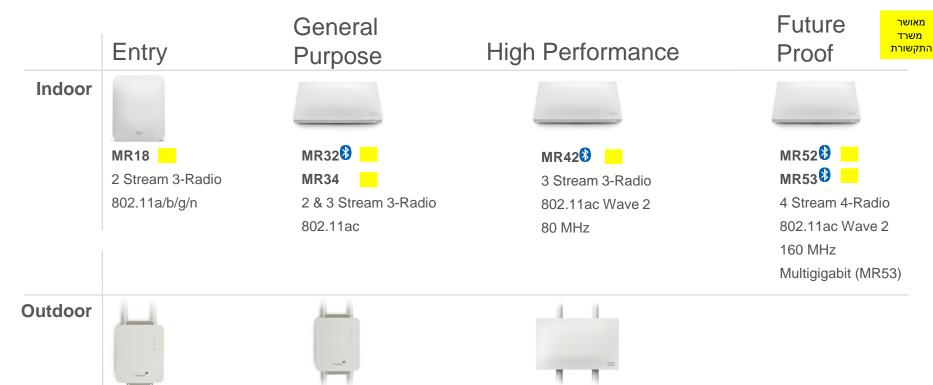
MR Wireless Access Points: Models

MR66

Dual-Radio

802.11a/b/g/n





MR728

802.11ac

2 Stream 3-Radio

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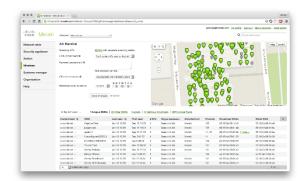
MR62

Single-Radio

802.11b/g/n

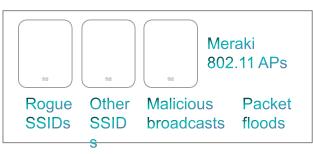
MR 3rd radio tames hostile RF environments





Meraki Dashboard

Classify and filter attacks Shoot down rogue APs View forensic data



Air Marshal

Full-time WIPS scanning

User-defined attack policies

Tweaked alarming system

Updated signatures pushed from cloud

Auto RF

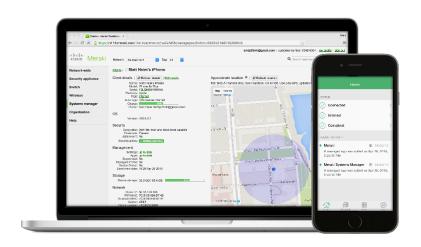
Intelligently spread channel use across all APs in the network

Reduce client stickiness and mobbed APs

Frequent Tx power adjustment enabled by 3rd radio

Team MalamTeam

Systems Manager enterprise mobility management





Feature highlights

Device security

Mobile and desktop management

Easy and Rapid provisioning

Backpack™ file sharing

Software inventory

Multi platform MDM support - OS X, iOS, Windows, Windows Mobile, Android, & Chrome OS

Cloud-based - no on-site appliances or software, works with any vendor's network

More information available at meraki.cisco.com/sm



Systems Manager Licensing

A complete Enterprise feature set in a single product: SM

	Network size	
	≤100 devices	>100 devices
Annual cost	Free	\$40 / device
Complete feature set with ongoing updates	✓	\checkmark
24/7 phone and email support		✓

No change is required for existing free SM users with networks with ≥100 devices. They can continue to add unlimited devices, and will continue not having access to new features or phone support.

About Meraki



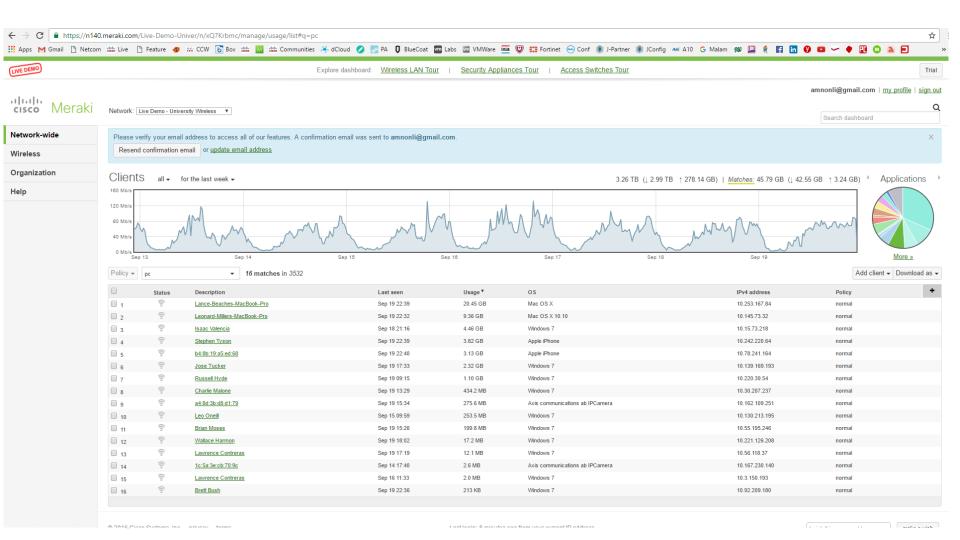
Leader in cloud-managed networking

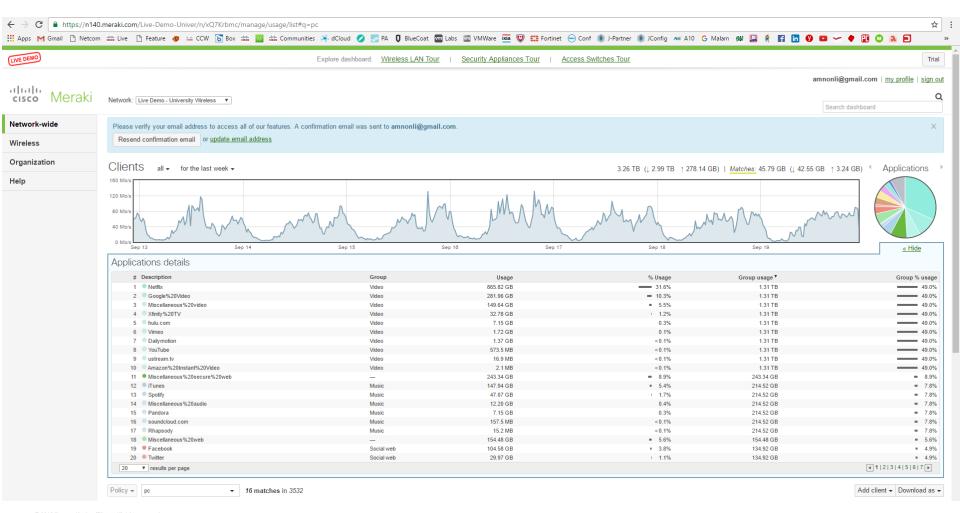
Among Cisco's fastest-growing portfolios Over 75,000 unique customers Over 1 million Meraki network devices online

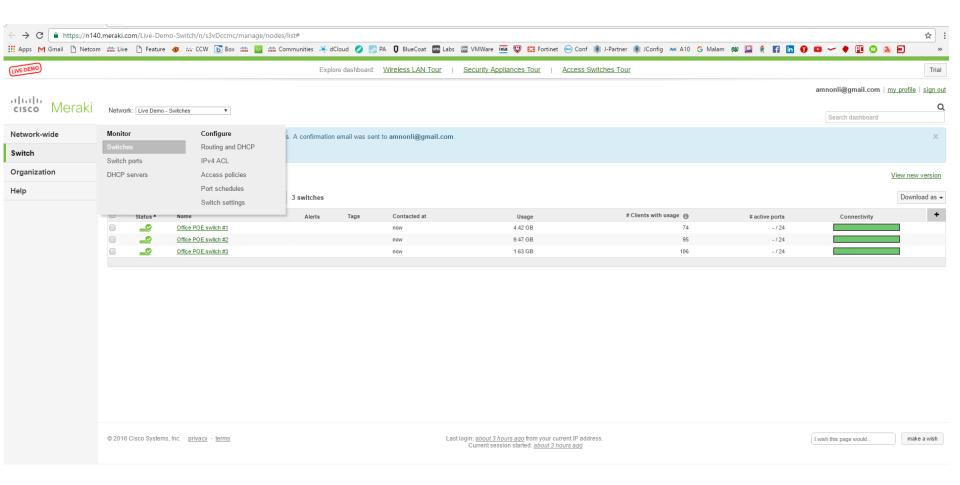


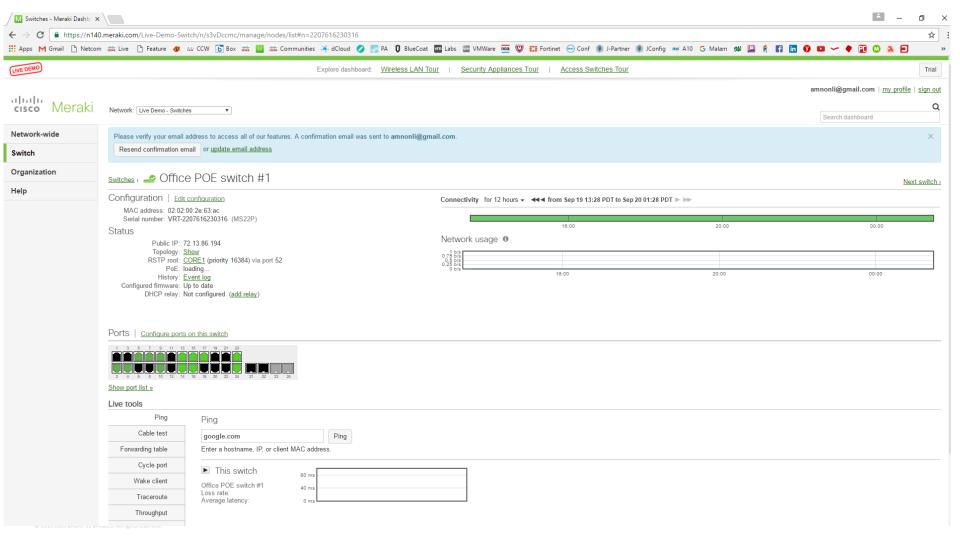
Interactive Meraki Dashboard Demo

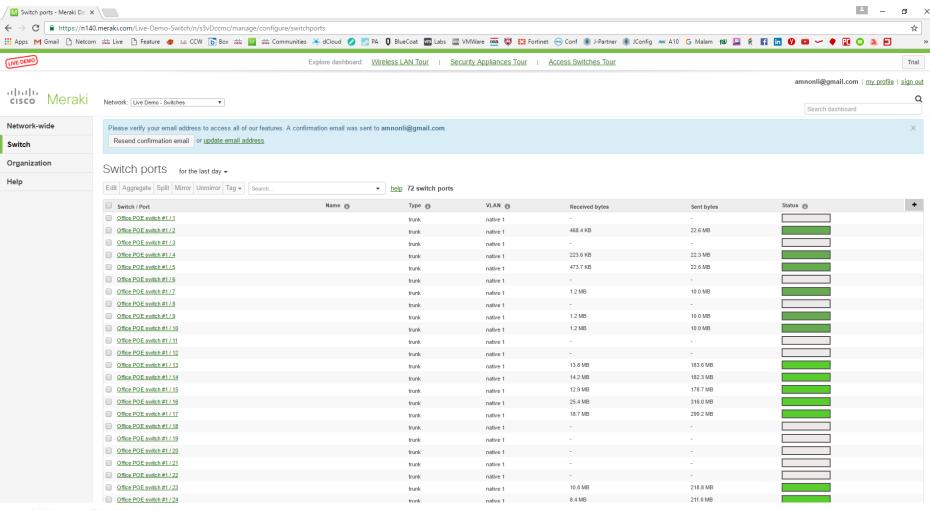
https://dashboard.meraki.com

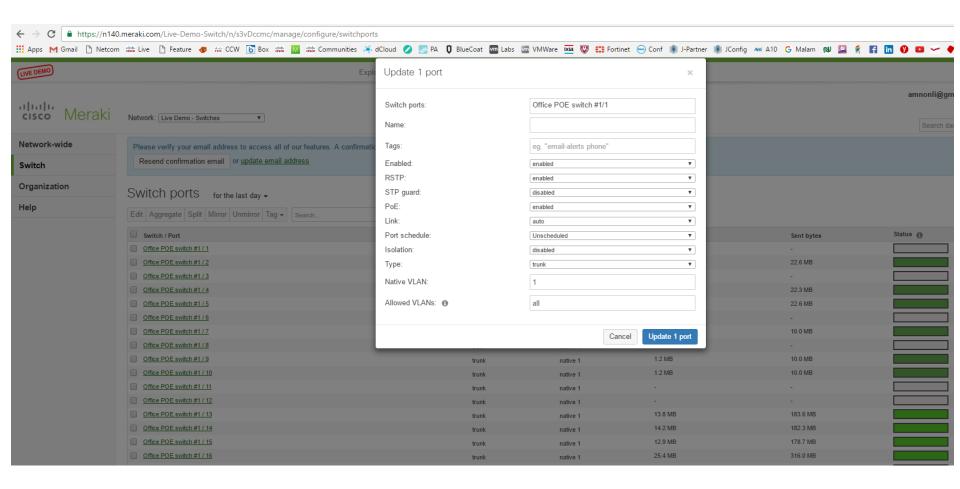


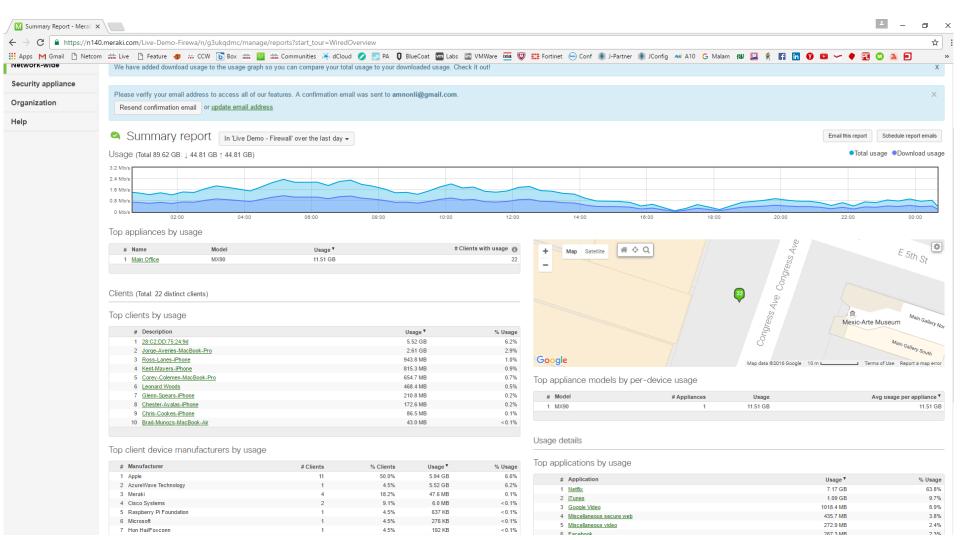
















Thanks!