MERAKI + UMBRELLA: 100% CLOUD-MANAGED SECURITY

Protect your users from the next malicious web attack

49%
of employees are mobile and under defended

82%
of workers admit to not always using the VPN

70%
of malware is targeting specific organizations

Cisco® Umbrella deployed on Meraki makes sure organizations are protected 100% of the time - even when users are outside the network perimeter.

Meraki Cloud-Managed Security

+

Umbrella Cloud-Managed Security

208.67.222.222

Complete networking, security, and application control

- Centrally managed from the cloud
- Includes firewall, auto VPN and branch routing
- IPS, Content Filtering, Anti-Virus
- Six models scale from small branches to campuses

Deploy on Meraki MX Firewall or MR Access Point

- Functionality is provided through the DNS server
- Reduce malware infections up to 98%
- Cut the number of alerts from MX IPS, AV, and Content Filter by as much as 50%
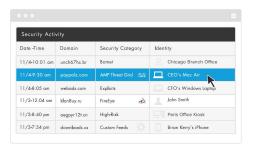- Protection on and off the corporate network

Meraki Cloud-Managed Security

How does it work?

Intelligence to see attacks before they launch

- The Umbrella global network infrastructure handles over 100 billion internet requests a day.
- A unique view of relationships between domains, IPs, networks, and malware across the internet.
- Learns from internet activity patterns to automatically identify attacker infrastructure being staged for the next threat, and then block users from going to malicious destinations.

Security Activity			
Date -Time	Domain	Security Category	Identity
11/4-10:01 am	unch67hs.br	Botnet	Chicago Branch Office
11/4-9:30 am	paypalz.com	AMP Threat Grid	CEO's Mac Air
11/4-8:05 am	webads.com	Exploits	CFO's Windows Laptop
11/3-12:04 am	klon8uy.ru	FireEye	John Smith
11/3-8:40 pm	aegpyr12t.cn	High-Risk	Paris Office Kiosk
11/3-7:34 pm	downloads.us	Custom Feeds	Brian Kerry's iPhone

Umbrella Key Numbers

- 135 billion daily internet requests
- 95 million users
- 27 datacenters worldwide
- 7M+ malicious destinations enforced concurrently at the DNS-layer

Enterprise-wide deployment in minutes

- Umbrella is the fastest and easiest way to protect all of your users in minutes.
- Powerful, effective security without the typical operational complexity.
- Everything in the cloud with 100% uptime.
- Simple install, and no software to manually update.

It's as easy as this:

- L ocate the device serving DNS
- Update DNS server settings to point to Cisco Umbrella
- Flush the DNS cache
- Ready to go … with world class malware protection

Deploying Umbrella on Meraki Infrastructure

Deploy on:	Meraki MX Firewall	Meraki MR Access Point
License based on	Number of users	Number of access points
Performance		
100% Cloud 100% Uptime	✓	✓
Protection		
Add a new layer of predictive security for any device, anywhere	Off-network	On-network
Prevent malware, phishing, and C2 callbacks over any port	✓	✓
Enforce acceptable use policies using 60 content categories		
Block malicious domain requests & IP responses at the DNS-layer	✓	✓
Management		
Easy to manage, does not require typical operational complexity. Everything in the cloud.	✓	✓
Real-time, enterprise-wide activity search & scheduled reports	✓	✓

Do you need to implement Umbrella on an existing infrastructure?

Any network device (e.g. router) can be used to provision Umbrella. Protect all network connected devices with one IP change in your DHCP server (or scope) or DNS server. Or protect all Wi-Fi-connected devices with a simple checkbox using our integrations with Cisco Wireless LAN Controllers, Aruba, Cradlepoint, and Aerohive.