# Simplify Your IT Network and Secure Access with Cisco Meraki + Duo

June 29, 2021 11:00 am | Webinar | Cisco Webex

# SYSCOM Company Profile

**Company Name**：SYSCOM GLOBAL SOLUTIONS INC.

**CEO**：Seishi Sato

**Incorporation**：May 24th, 1990

**Capital**：$3,200,000.00

**Stock Holders**：

- Seishi Sato, President & CEO— 199 shares (66.3%)
- ITOCHU Techno-Solutions America, Inc. —101shares (33.7%)

**Employees**：150＋ (70% engineers)

**Headquarters:** New York, NY

**Branches:** Los Angeles, Silicon Valley & Tokyo

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# SYSCOM Solution & Service Overview

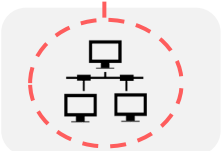
SYSCOM GLOBAL SOLUTIONS

## ERP Solution
- ERP (Microsoft Dynamics 365)
- Consulting / PMO / SES

- Consulting
- Project Management
- System Management
- Incident Management
- Account Management

## DX Solution
- MS Power Platform
- AI, BI / RPA / CRM / EDI / WMS

## Security Solution
- Next-Gen Security
- Threat Defense Lifecycle (TDL)



## System Integration
- Network
- Server/Storage
- VoIP

## Cloud Solution
- Private Cloud by Clavis
- Microsoft 365
- Azure
- AWS

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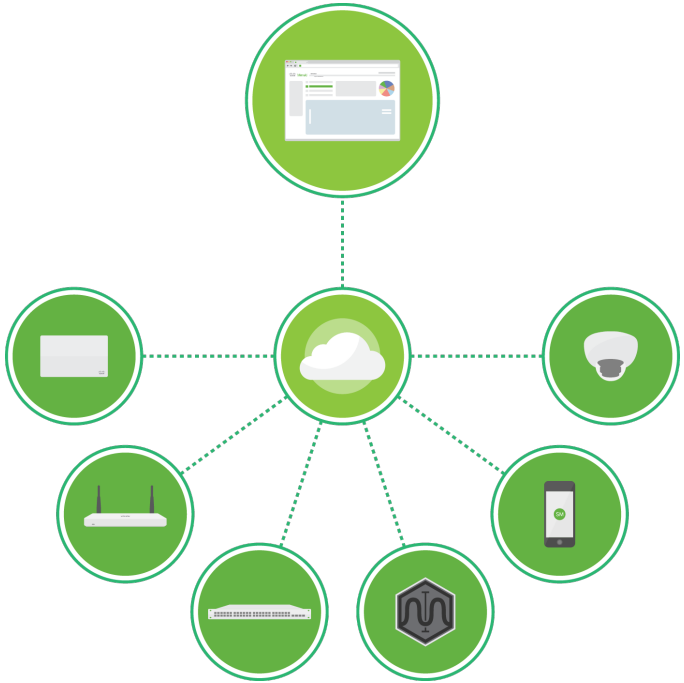
# Cisco Meraki & Duo

# Simplifying IT with Cloud Management



## A complete cloud-managed IT solution

Wireless, switching, security, SD-WAN, endpoint management, and security cameras

Integrated hardware, software, and cloud services

## Leader in cloud-managed IT

Among Cisco's fastest growing portfolios

| 420k+ | 5.7M+ | 30M+ |
|---|---|---|
| Unique customers | Meraki devices online | API calls per day |

# Delivered by Meraki
# MX Security & SD-WAN Appliances

**SD-WAN highlights across all MX models**

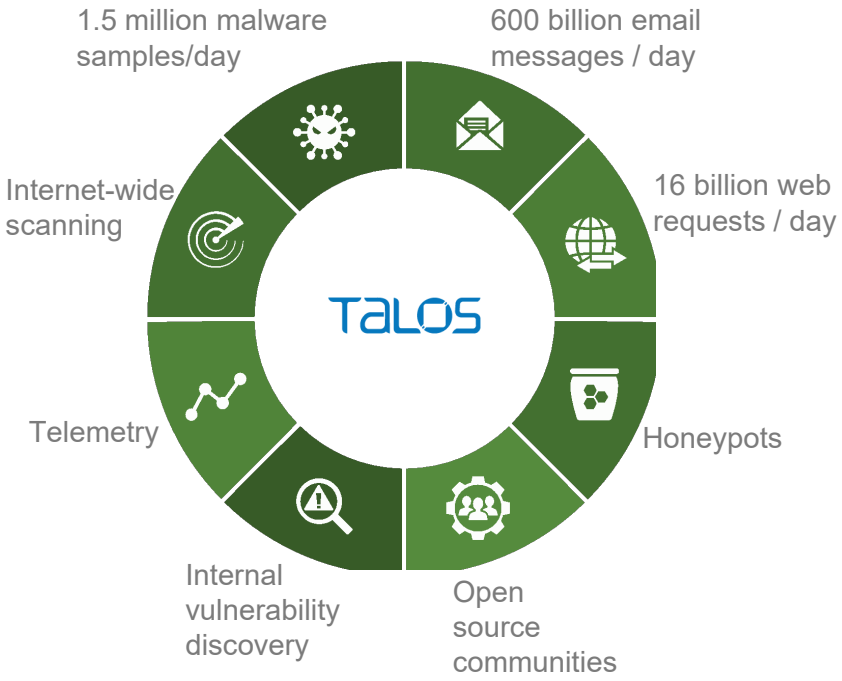
- Supports multiple uplinks
- Site to Site VPN in 3 clicks
- Dynamic Path Selection
- Internet breakout for cloud-native apps

# Delivered by Meraki
# MX Security & SD-WAN Appliances

**Security highlights across all MX models**

- Next-Gen Firewall
- File Protection with Cisco AMP
- IDS/IPS with Cisco Snort
- Cloud Security Integration with Umbrella SIG

# Supported by Cisco Talos Threat Intelligence




| | |
|---|---|
| | Over 250 full time threat researchers |
| | Millions of telemetry agents |
| | 4 global data centers |
| | Over 100 threat intelligence partners |
| | Over 1,100 threat traps |

NEW

# MX Appliances

Cost-effective **gigabit** SD-WAN branch connectivity

Available from 6 July 2021

cisco Meraki

## MX75

$1,995

**RECOMMENDED USE**
Small branch

**WAN PORTS**
×1 Gigabit Ethernet SFP
×2 Gigabit Ethernet RJ45

**FIREWALL THROUGHPUT**
1Gbps

**SITE-TO-SITE VPN THROUGHPUT**
500Mbps

## MX85

$2,495

**RECOMMENDED USE**
Small-medium branch

**WAN PORTS**
×2 Gigabit Ethernet SFP
×2 Gigabit Ethernet RJ45

**FIREWALL THROUGHPUT**
1Gbps

**SITE-TO-SITE VPN THROUGHPUT**
500Mbps

## MX95

$4,995

**RECOMMENDED USE**
Medium-large branch

**WAN PORTS**
×2 10 Gigabit Ethernet SFP+
×2 2.5 Gigabit Ethernet RJ45

**FIREWALL THROUGHPUT**
2Gbps

**SITE-TO-SITE VPN THROUGHPUT**
800Mbps

## MX105

$7,495

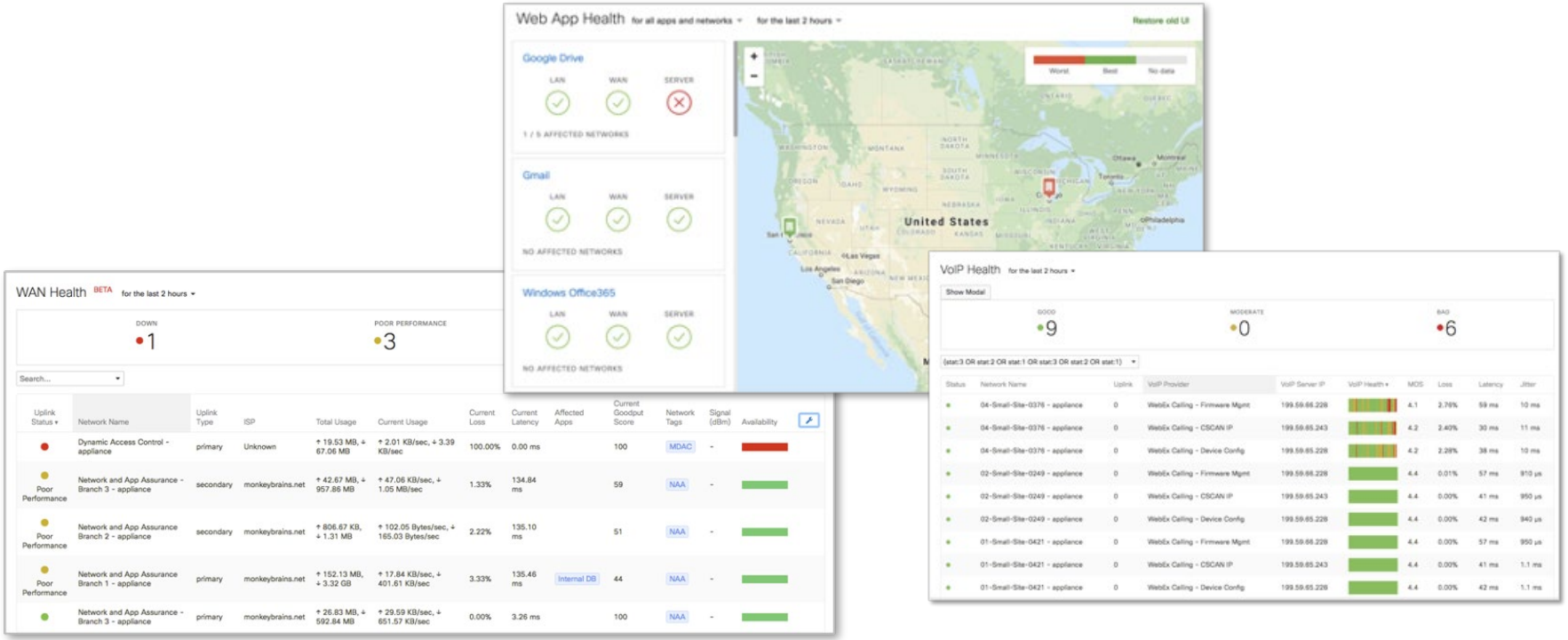
**RECOMMENDED USE**
Large branch

**WAN PORTS**
×2 10 Gigabit Ethernet SFP+
×2 2.5 Gigabit Ethernet RJ45

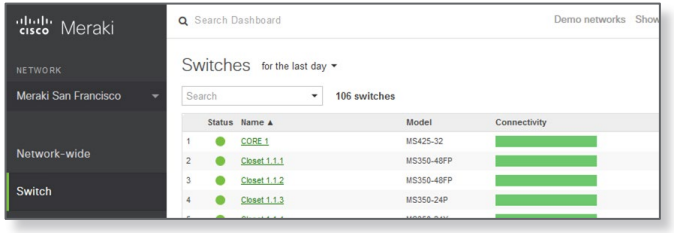
**FIREWALL THROUGHPUT**
3Gbps

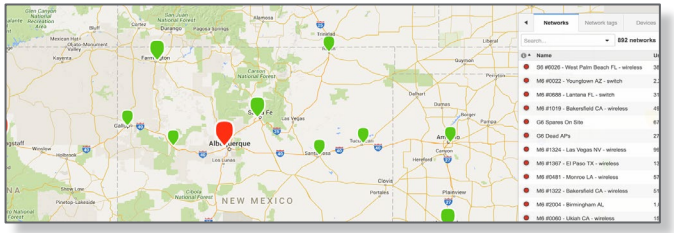
**SITE-TO-SITE VPN THROUGHPUT**
1Gbps

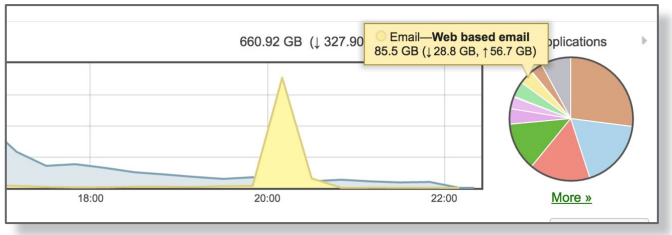
# Meraki Insights



# Why Customers Choose Meraki




Intuitive, centralized management

- All Meraki devices are configured through a single-pane-of-glass
- No training or complex command line script required
- **Visualize and manage** all switch ports on the Meraki dashboard with Virtual Stacking

Easiest to deploy, manage, and configure

- **Zero-touch provisioning** for multi-site deployment
- Customizable Meraki APIs for automated site setups
- Seamless firmware updates from the cloud

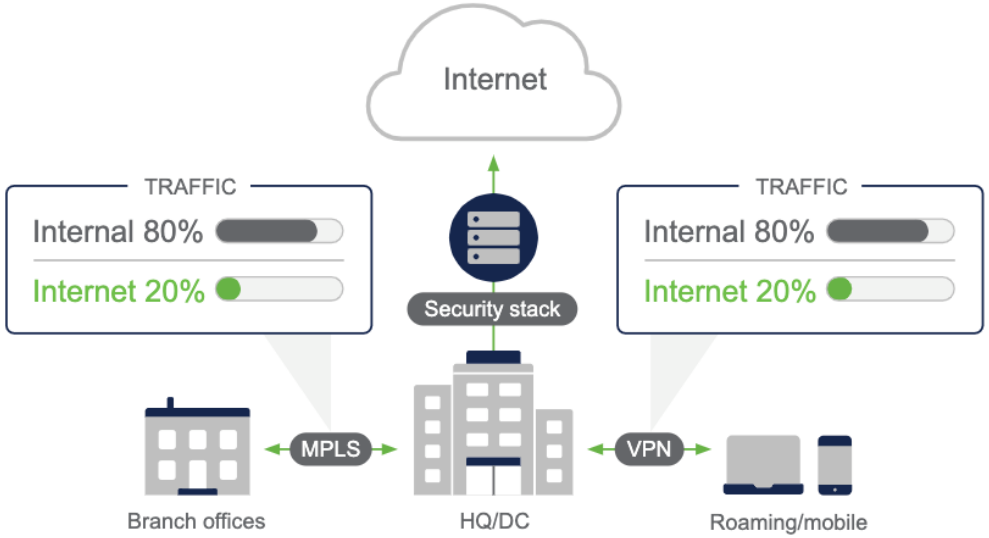
Industry-leading visibility

- User, application, and device analytics
- **Network-wide monitoring and alerts** to reduce response times
- Remote packet capture and other diagnostics tools

# Your SASE Journey with Cisco Meraki

cisco Meraki

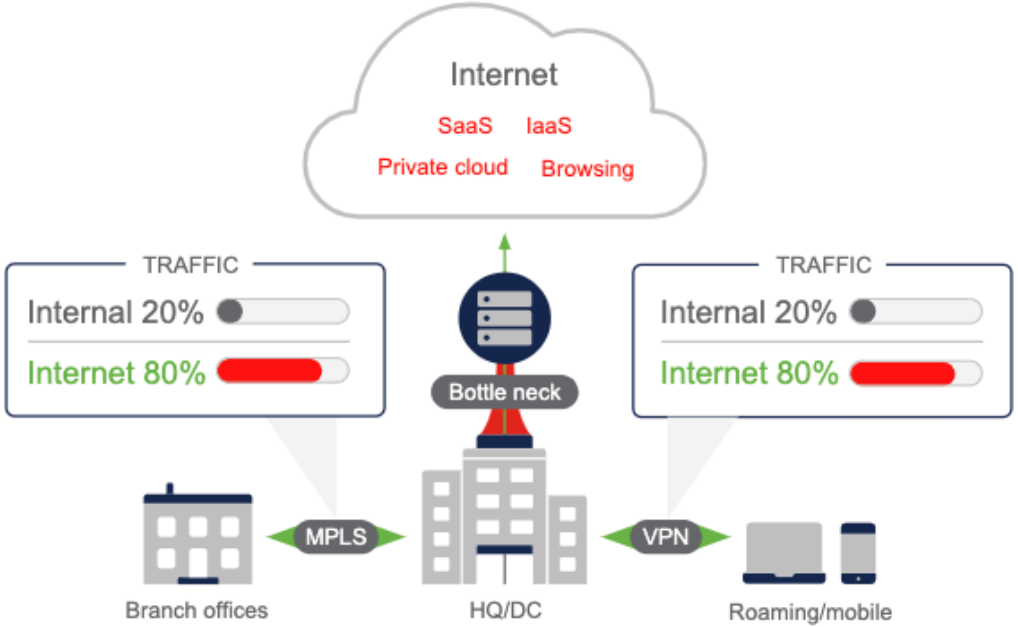
# 2010





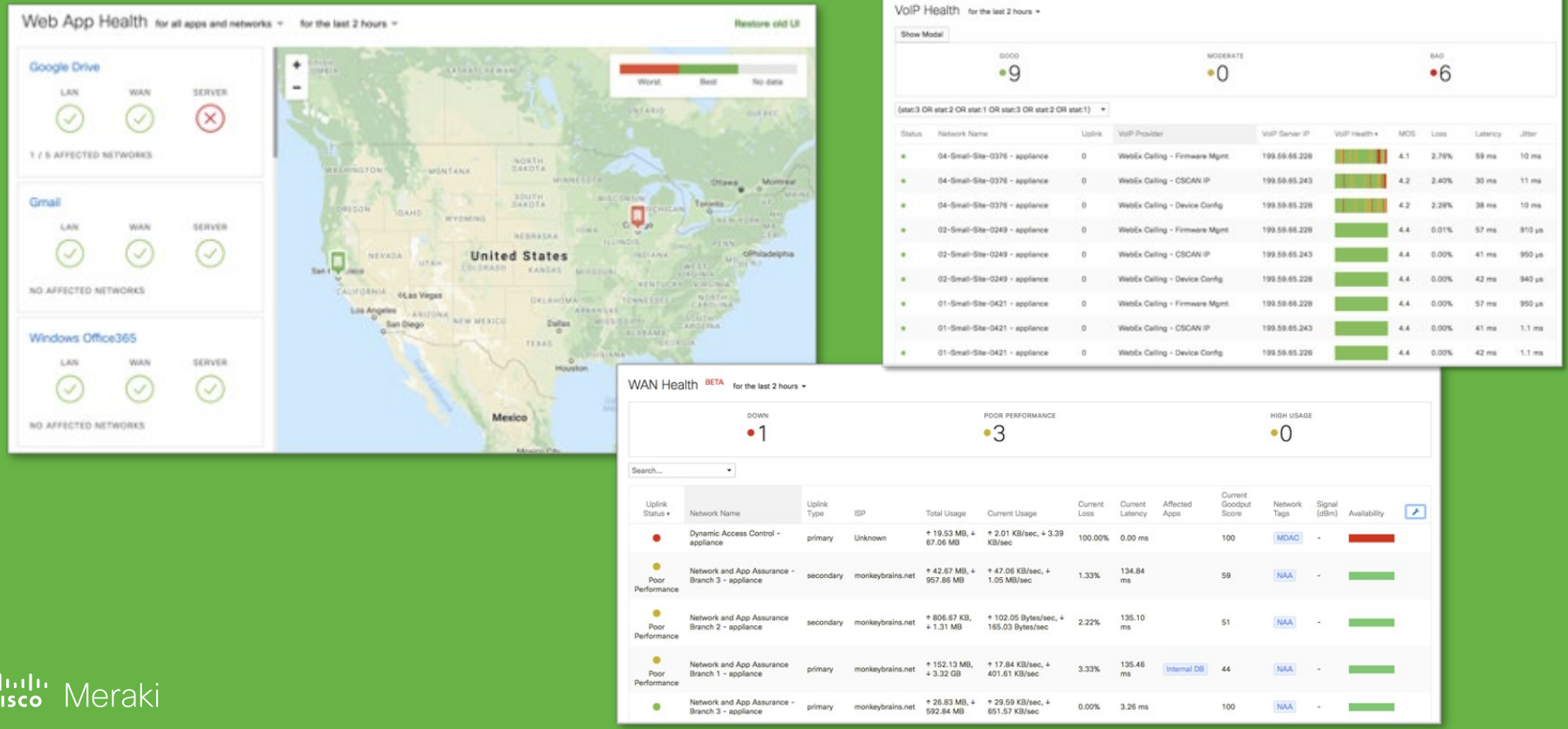

cisco Meraki

# 2021


Internet
SaaS
IaaS
Private cloud
Browsing
TRAFFIC
Internal 20%
Internet 80%
Bottle neck
TRAFFIC
Internal 20%
Internet 80%
MPLS
VPN
Branch offices
HQ/DC
Roaming/mobile

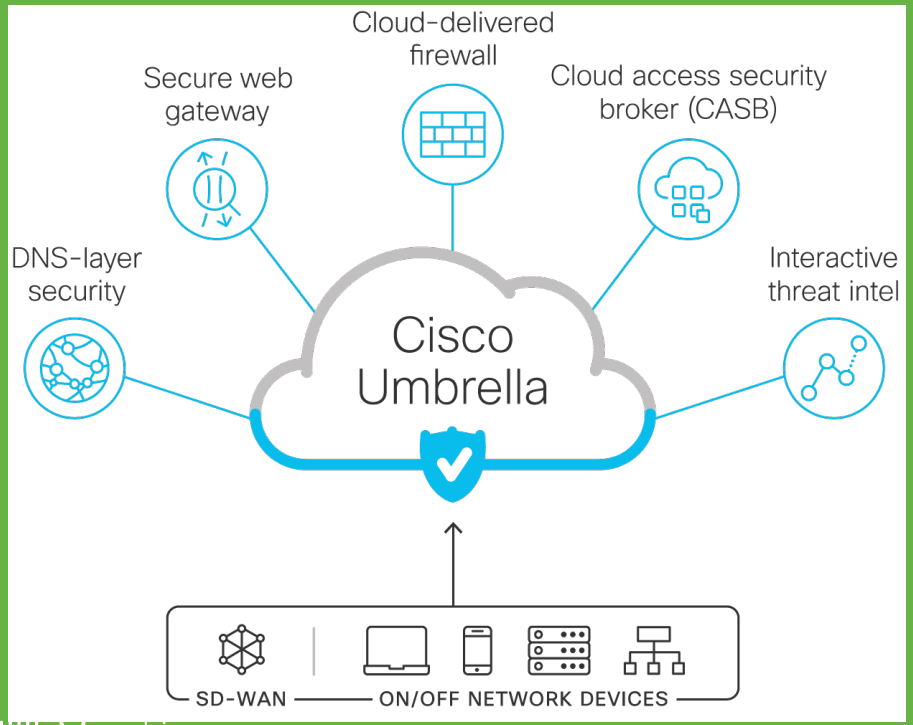
# Cisco's SASE Solution

# Delivered by Meraki
# MX Security & SD-WAN Appliances




cisco Meraki

# Best-in-class Cisco Umbrella security & Duo's ZeroTrust



# SASE Recipe Recap

## Ingredients

1 cup SD-WAN + networking

1 cup of cloud security technologies

## Directions

1. Whisk together all ingredients until completely combined
2. Serve up as-a-service at the cloud edge for consistency

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# Agenda

- MFA in the world today
- How is Duo helping?
- Duo Product
- Duo + Meraki

# Modern Perimeter

Remote Employees

Cloud Applications

Mobile Devices

**Traditional Perimeter**

Corporate Networks;
On-site Users, Endpoints,
Server, and Apps

Hybrid Cloud

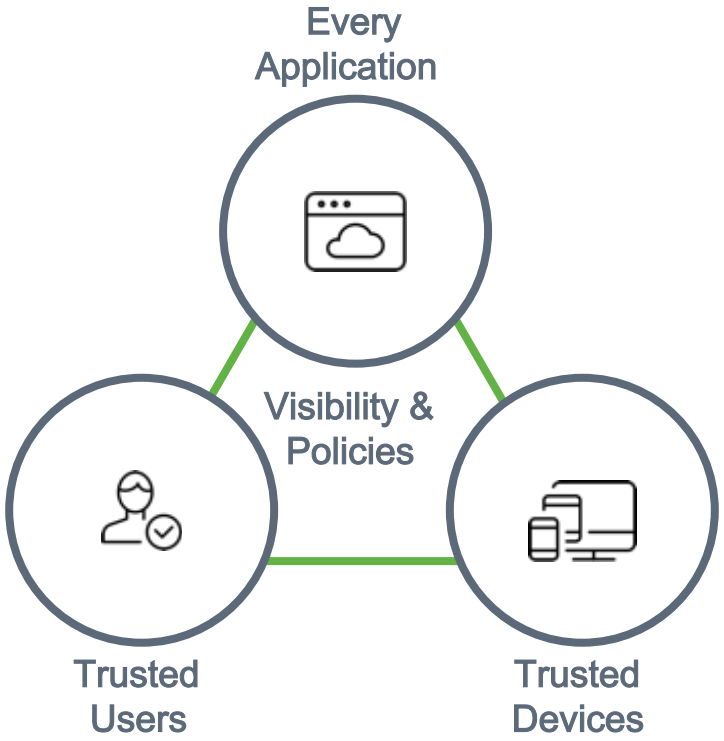
Personal Devices

Vendors &
Contractors

Duo Security is now part of Cisco. CISCO

# Zero-Trust Model: Focus on Access

Protect organizations by verifying the identity of **users** and the health of their **devices** before connecting to the **applications** they need.



# Security Risks Persist with Credential Theft

Compromised credentials is a major security risk

Cumbersome tokens and one-time passwords; not user friendly

MFA of Web outlook is also required. But I think this is something that we have but not enabled.

## *MULTI-FACTOR AUTHENTICATION ATTESTATION*

1. Multi-Factor authentication is required for all employees when accessing email through a website or cloud based service. ☐ Yes ☐ No ☐ Email is not web based

2. Multi-Factor authentication is required for all remote access to the network provided to employees, contractors, and 3rd party service providers. ☐ Yes ☐ No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3. In addition to remote access, multi-factor authentication is required for the following, including such access provided to 3rd party service providers:
   a. All internal & remote admin access to directory services (active directory, LDAP, etc.). ☐ Yes ☐ No
   b. All internal & remote admin access to network backup environments. ☐ Yes ☐ No
   c. All internal & remote admin access to network infrastructure (firewalls, routers, switches, etc.). ☐ Yes ☐ No
   d. All internal & remote admin access to the organization's endpoints/servers. ☐ Yes ☐ No

# Why Duo?



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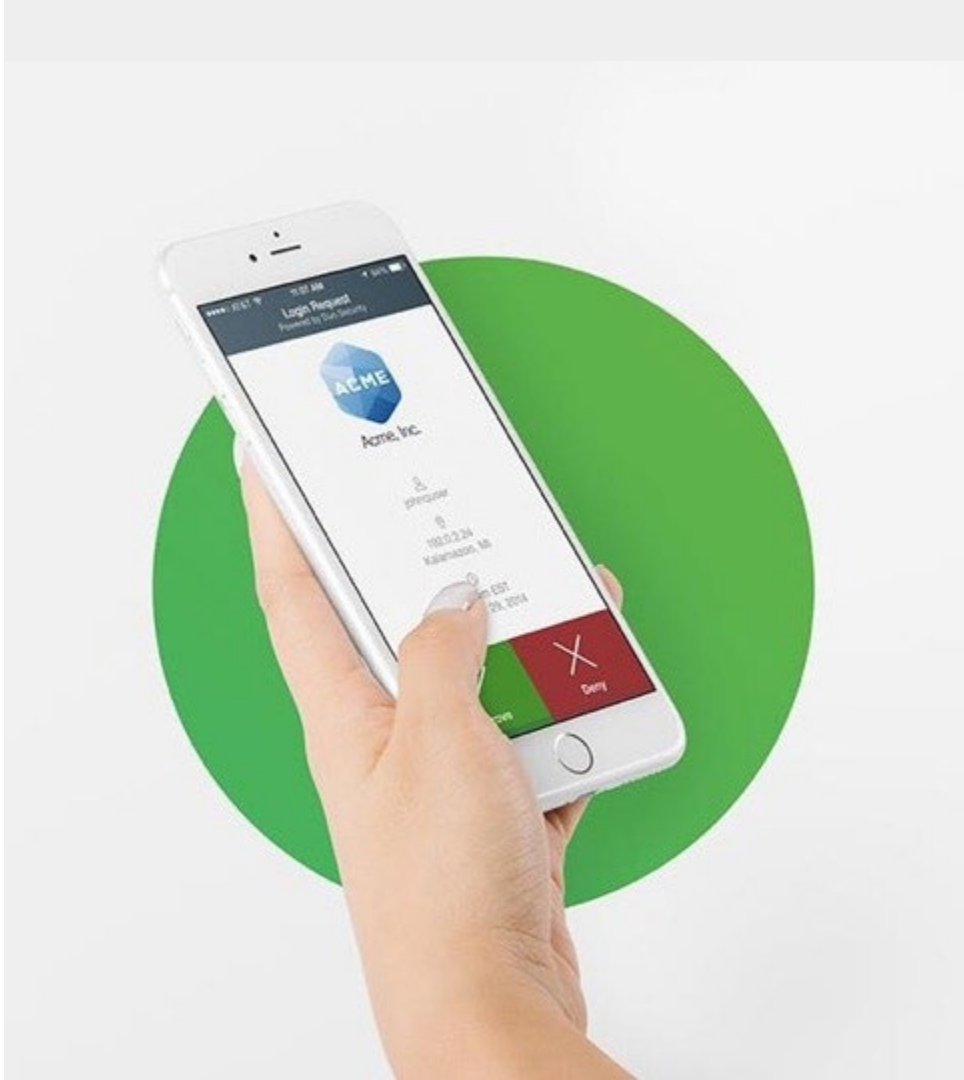
# World's Easiest
# and Most Secure MFA

Instantly integrates with all apps

Users self-enroll in minutes

Users authenticate in seconds;
no codes to enter



# Unified Access Vision

1

## Trusted Users

- Who is the user?
- What's their role?
- Privileged User?

**Duo MFA**

2

## Trusted Devices

- Up to date?
- Securely configured?
- Corporate Issued or BYOD?

**Device Insight**

**Policies**

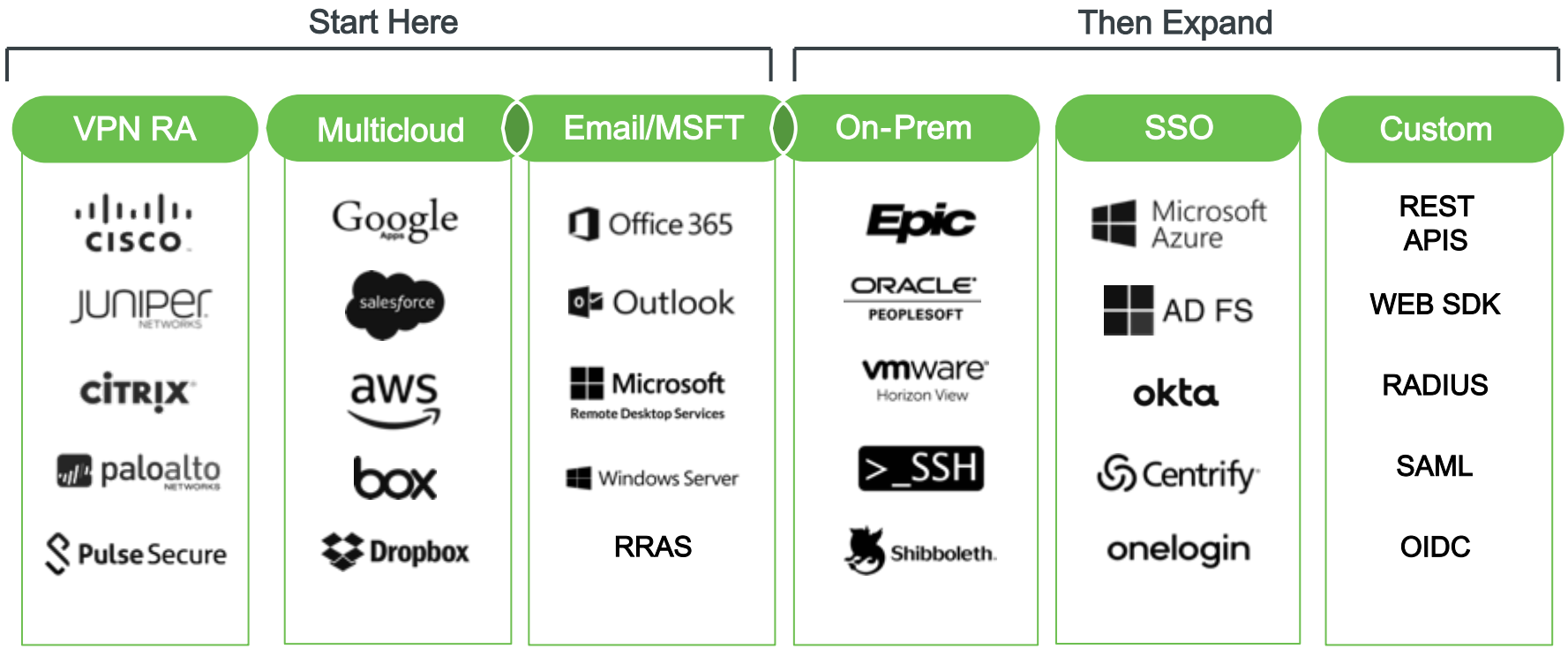
3

## Every Application

- Cloud and On-Premise Apps
- Single Sign On
- Consistent End User Experience

Verify the **identity of users** and the **health of their devices** before they access your **applications**

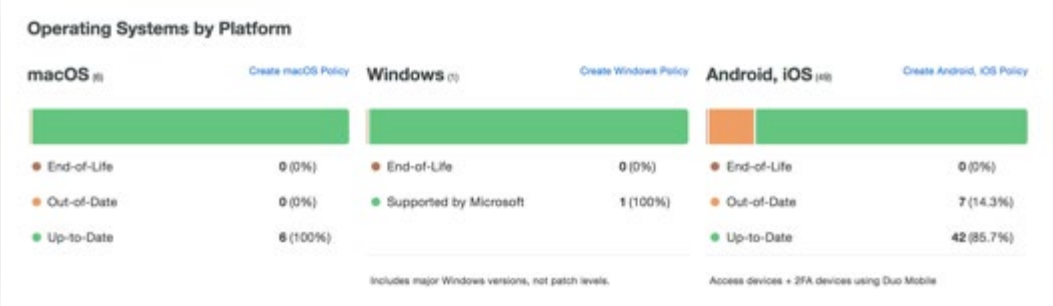
# Duo Supports Thousands of Work Applications

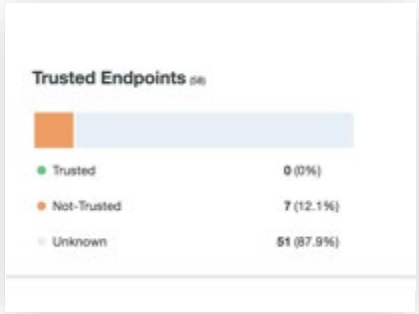



Learn more about application integrations

# Complete Visibility

Gain complete visibility into all your devices.

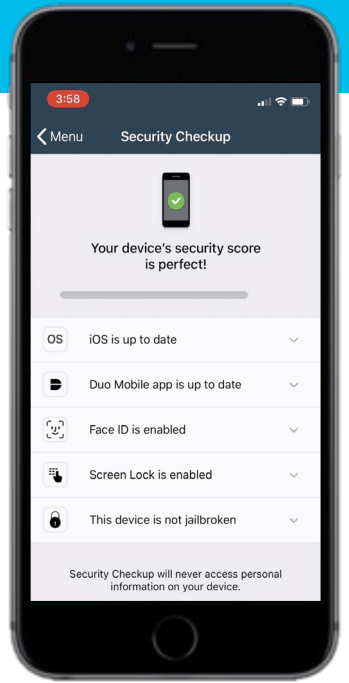


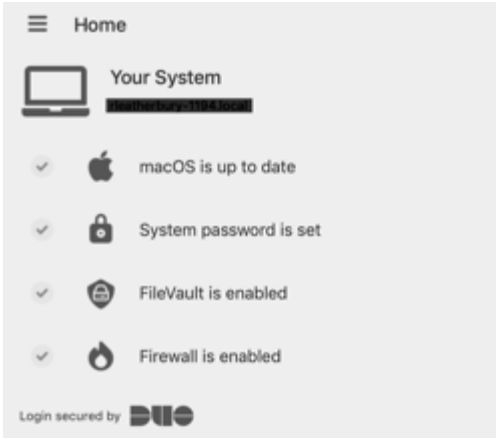



# Assess Security Posture

Easily identify device security posture.

- Is it managed?
- Is it running up to date software?
- Is it encrypted?
- Is it passcode protected?
- Is the firewall enabled?
- Is biometric enabled?




DUO airwatch by vmware mobileiron DUO Active Directory jamf Microsoft Intune

# Duo
# + Meraki = Better
# Together

Duo Security is now part of Cisco.

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# Native Integrations

DUO

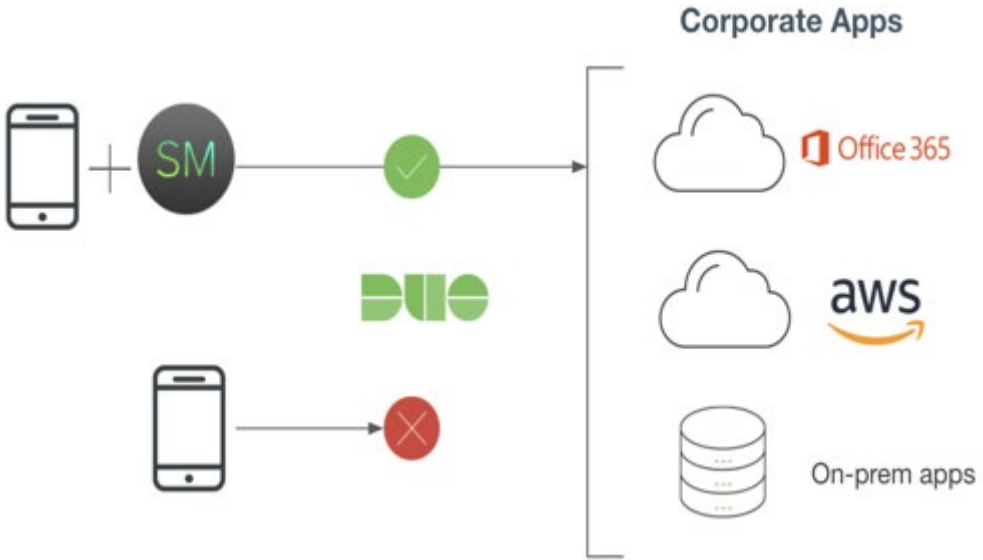
Protect Meraki Client VPN

Secure Admin access to Meraki Dashboard

Verify device enrollment in Meraki Systems Manager

# Allow Access For Only Managed Devices

- Check if the device is enrolled in System Manager
- Restrict BYOD access to sensitive applications
- Provide compliant device access on and off network



# Thank You!

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