Introduction to Cisco Meraki

Meraki
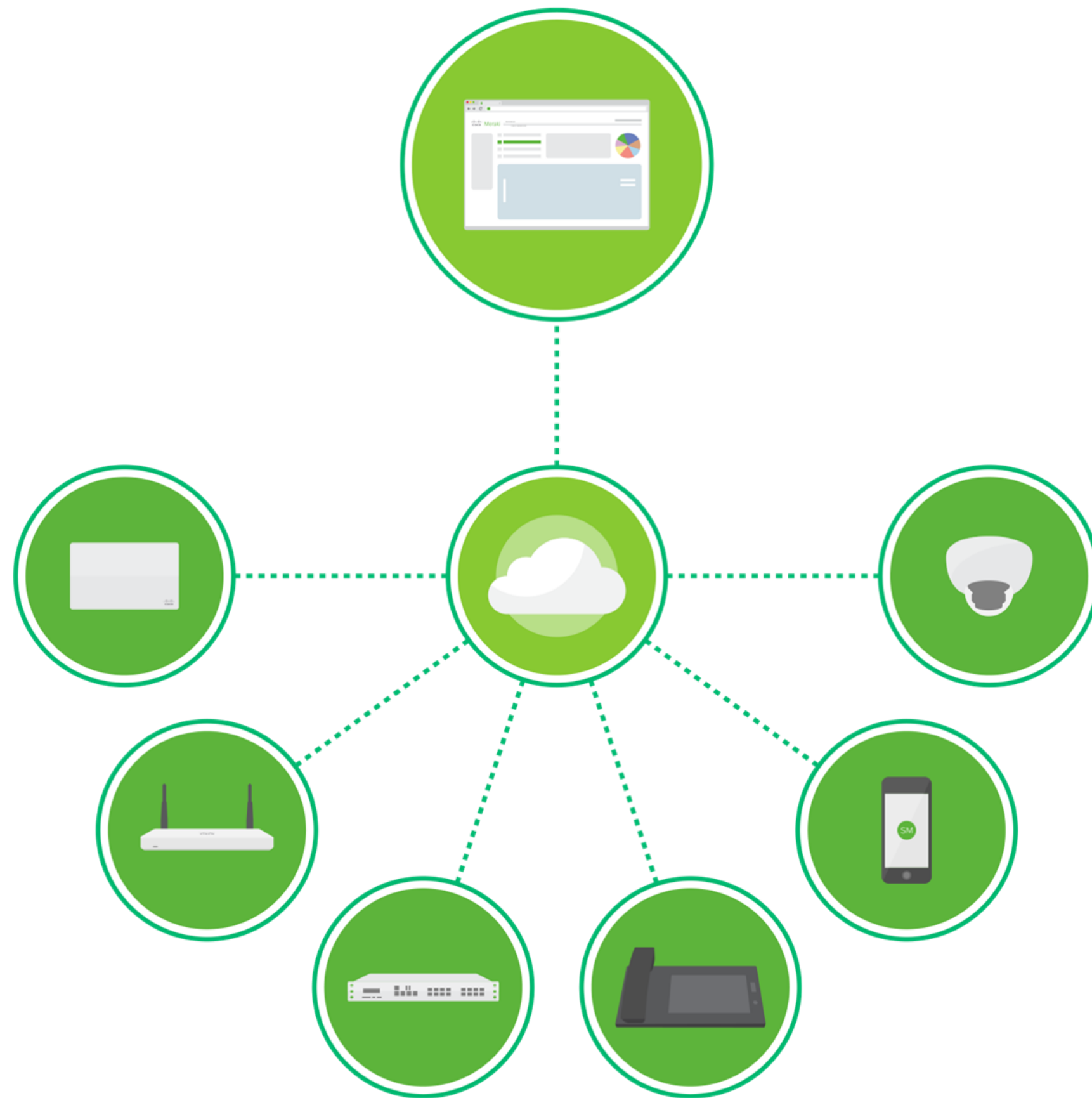
CISCO Meraki

Simplifying powerful technology

to free passionate people to focus on their mission

and reach groups previously left in the darkness.

Technology that simply works

Simplifying IT with cloud management

A complete cloud managed networking solution

Wireless, switching, security, communications, EMM, and security cameras

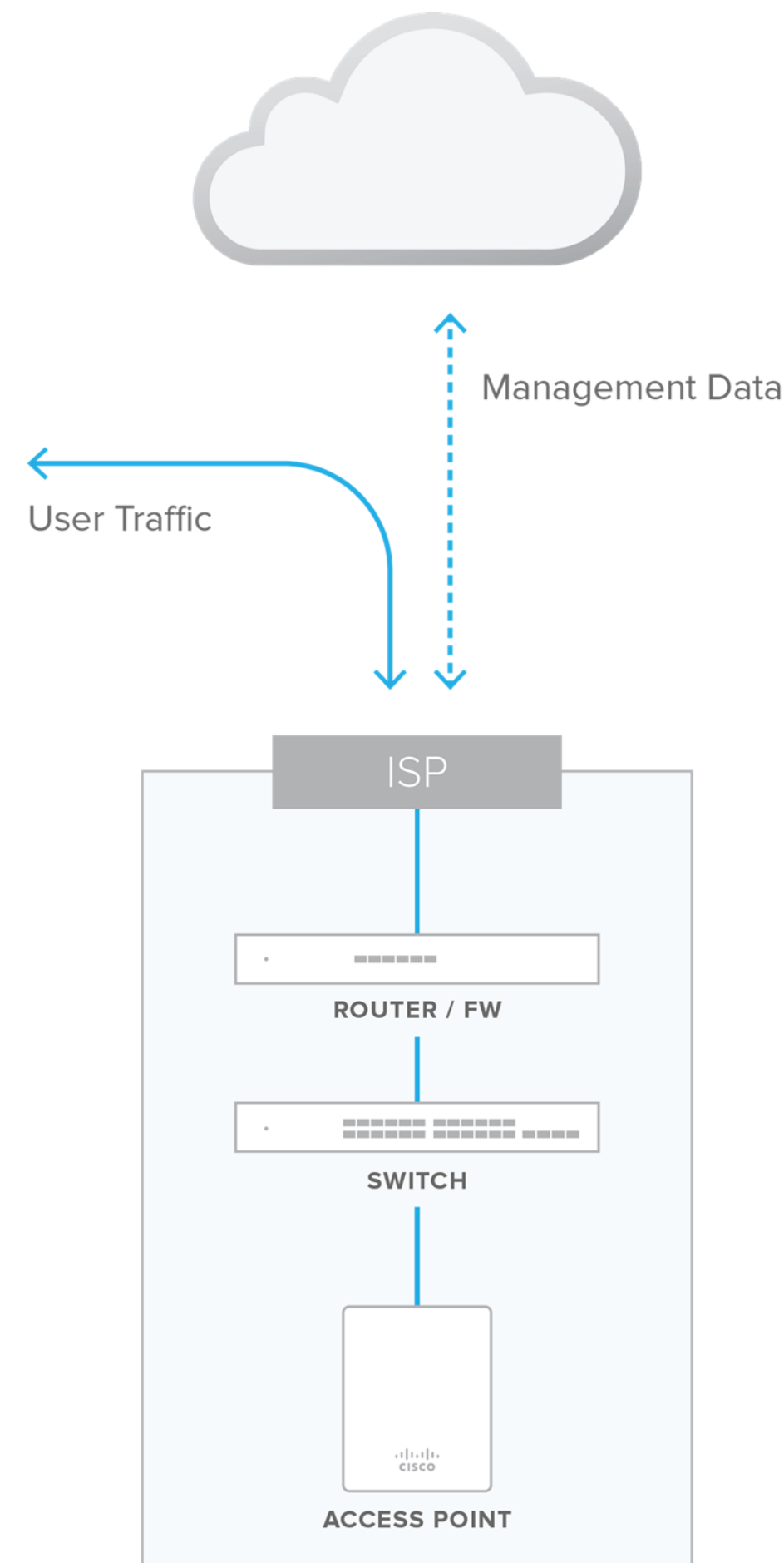Integrated hardware, software, and cloud services

Leader in cloud-managed networking

Among Cisco's fastest growing portfolios

Over 200,000 unique customers

Over 2 million Meraki network devices online

Out of band cloud management

Management Data

User Traffic

ISP

ROUTER / FW

SWITCH

ACCESS POINT

Intuitive
- Simple browser-based dashboard
- Cloud hosted centralized management platform

Scalable
- Unlimited throughput, no bottlenecks
- Add devices or sites in minutes

Reliable
- Highly available cloud with multiple datacenters
- Network functions even if connection to cloud is interrupted
- 99.99% uptime SLA

Secure
- No user traffic passes through cloud
- Fully HIPAA / PCI compliant (level 1 certified)
- 3rd party security audits, daily penetration testing
- Automatic firmware and security updates (user-scheduled)

Reliability and security information at
meraki.cisco.com/trust

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An integrated solution for new IT challenges

Billions of
mobile devices

HD video and rich
media

New business
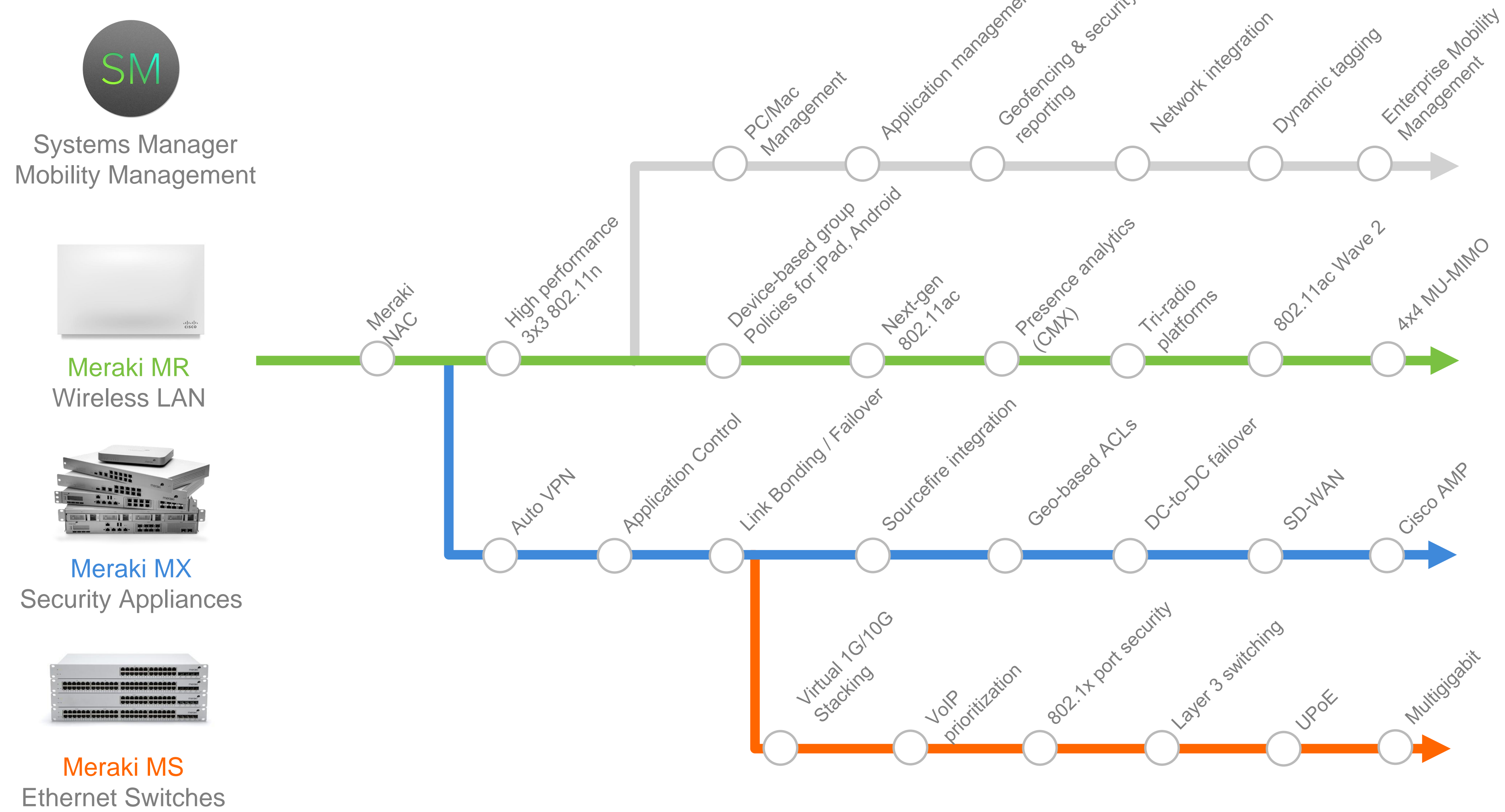opportunities

↓

↓

↓

Integrated mobility
management

Layer 7
application shaping

Analytics and user
engagement

A complete solution out-of-the-box:
No extra hardware, software, or complexity

Meraki

Rapid feature velocity

Systems Manager
Mobility Management

Meraki MR
Wireless LAN

Meraki MX
Security Appliances

Meraki MS
Ethernet Switches

PC/Mac Management · Application management · Geofencing & security reporting · Network integration · Dynamic tagging · Enterprise Mobility Management

Meraki NAC · High performance 3x3 802.11n · Device-based group Policies for iPad, Android · Next-gen 802.11ac · Presence analytics (CMX) · Tri-radio platforms · 802.11ac Wave 2 · 4x4 MU-MIMO

Auto VPN · Application Control · Link Bonding / Failover · Sourcefire integration · Geo-based ACLs · DC-to-DC failover · SD-WAN · Cisco AMP

Virtual 1G/10G Stacking · VoIP prioritization · 802.1x port security · Layer 3 switching · UPoE · Multigigabit

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The Meraki Full Stack

MR
Access Points

MX
Security Appliances

MS
Ethernet Switches
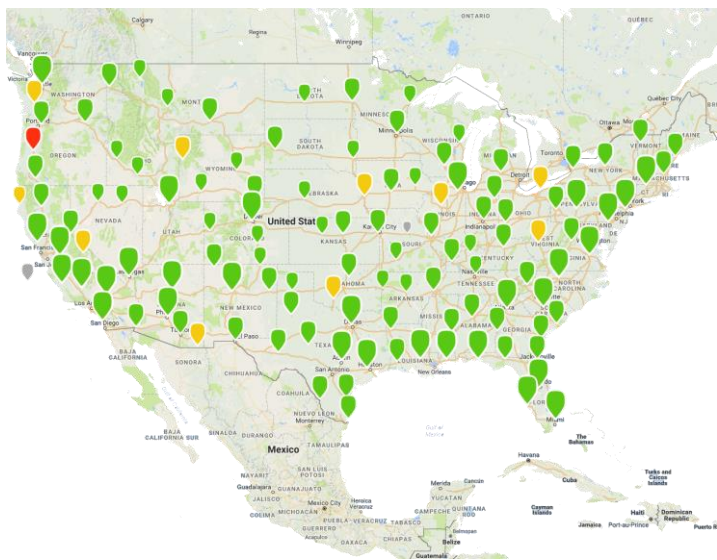
SM
Systems Manager
EMM

MC
Communications

MV
Security Cameras

A complete cloud managed IT portfolio
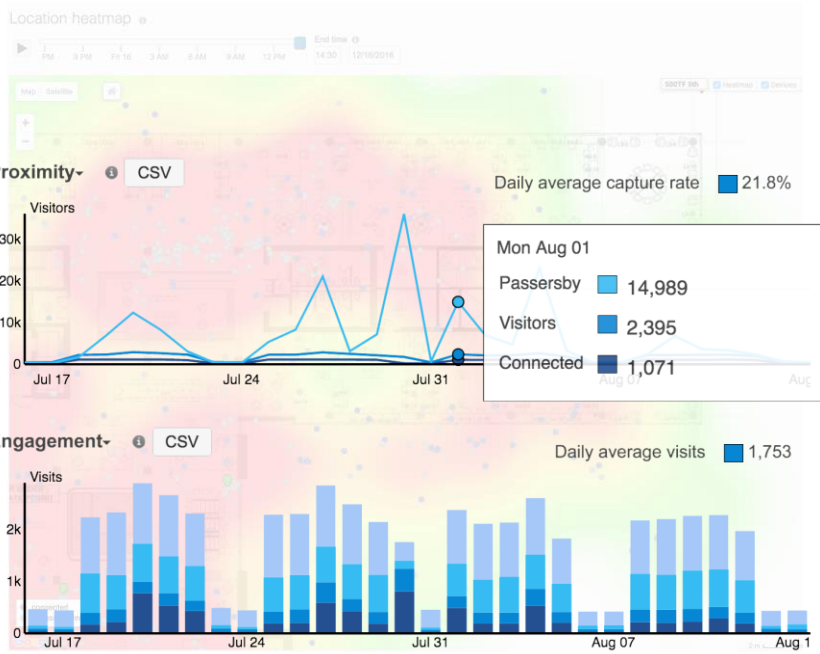*Single pane of glass management*

Meraki

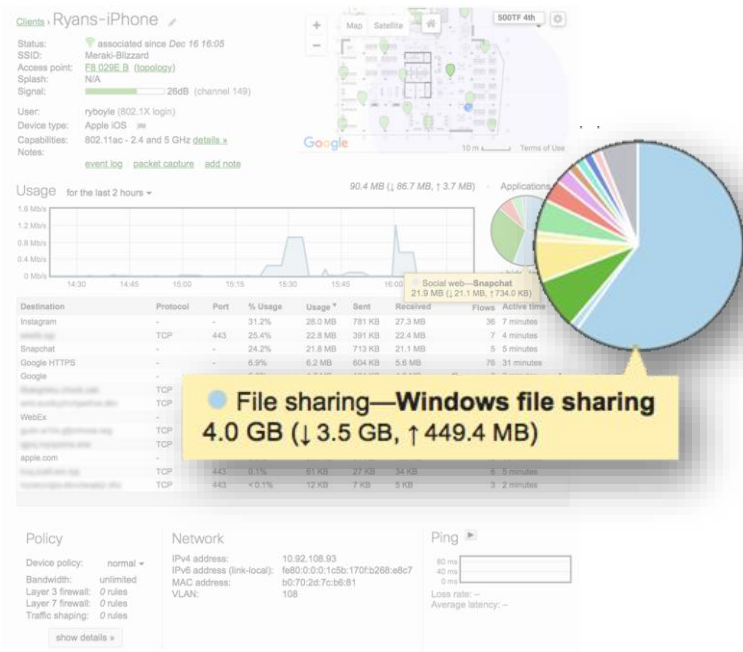# Easiest solution to deploy, manage, and maintain
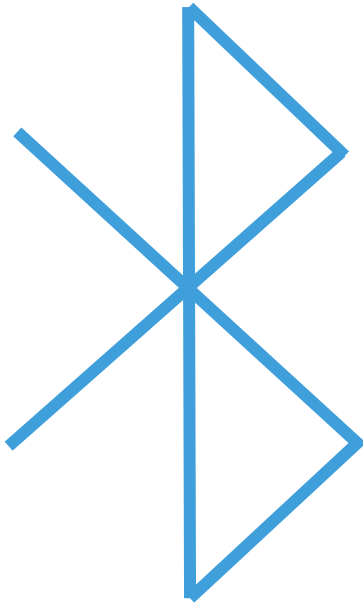

Centralized, end-to-end visibility & control

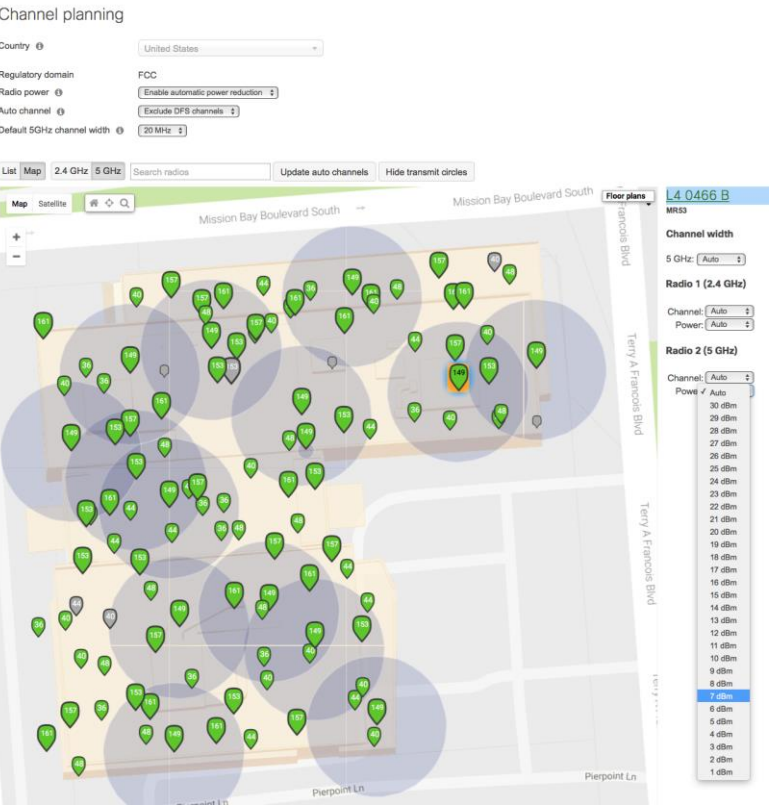Secure guest wireless in seconds

Integrated analytics for actionable insights

Granular control over bandwidth, apps, and client devices

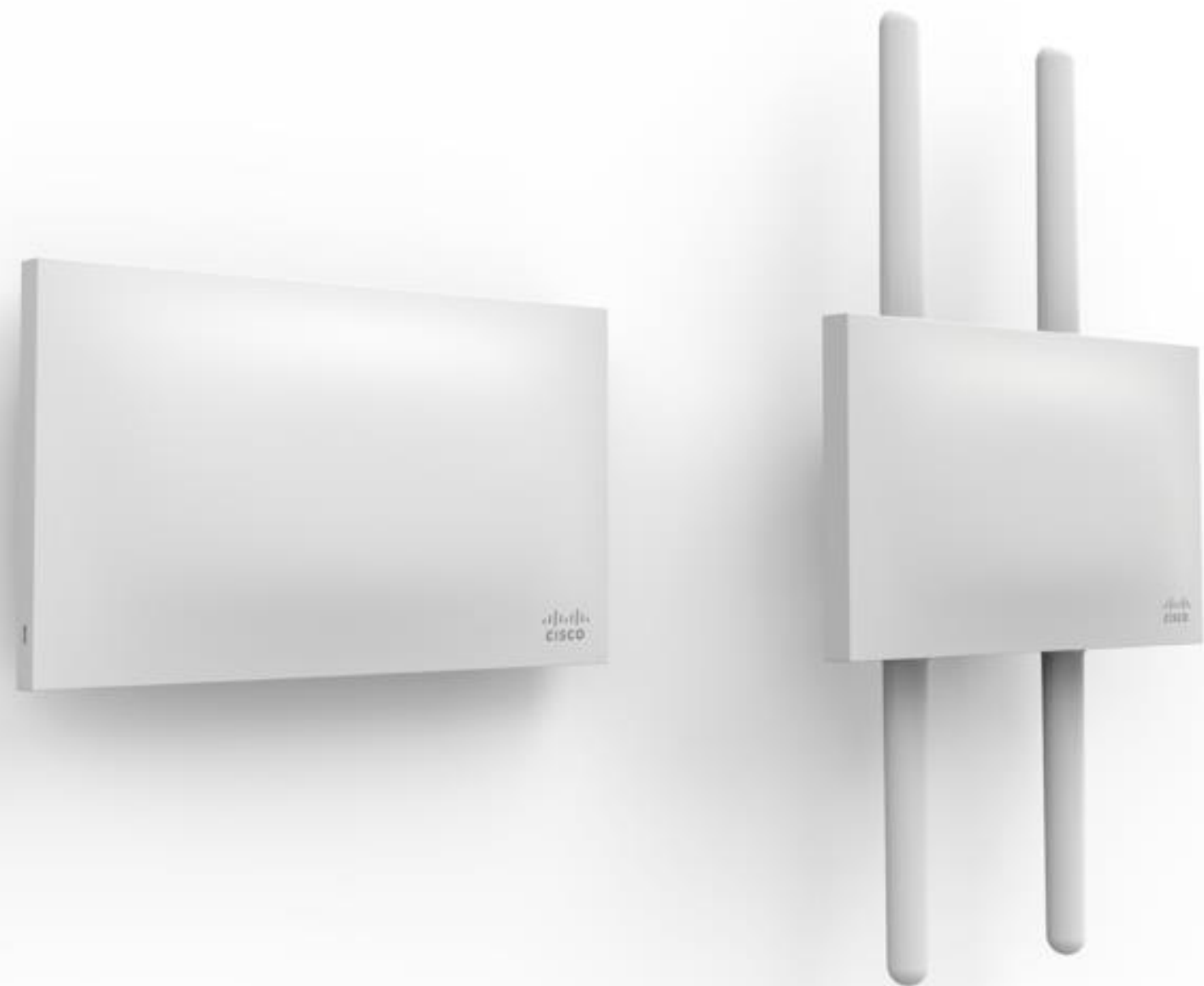Bluetooth integration for context-aware apps

High density support

A complete solution out-of-the-box:
No extra hardware, software, or complexity

Product Families

MR Wireless Access Points

Feature Highlights

Application traffic shaping

Guest access

Enterprise security

WIDS / WIPS

Embedded location analytics

Several models including indoor/outdoor, high performance (802.11ac Wave 2), and value-priced

Enterprise-class silicon including PoE, multigigabit ethernet, voice/video optimization

Lifetime warranty on indoor APs

MX Security Appliances

Feature Highlights

Zero-touch site-to-site VPN

Intrusion detection/prevention
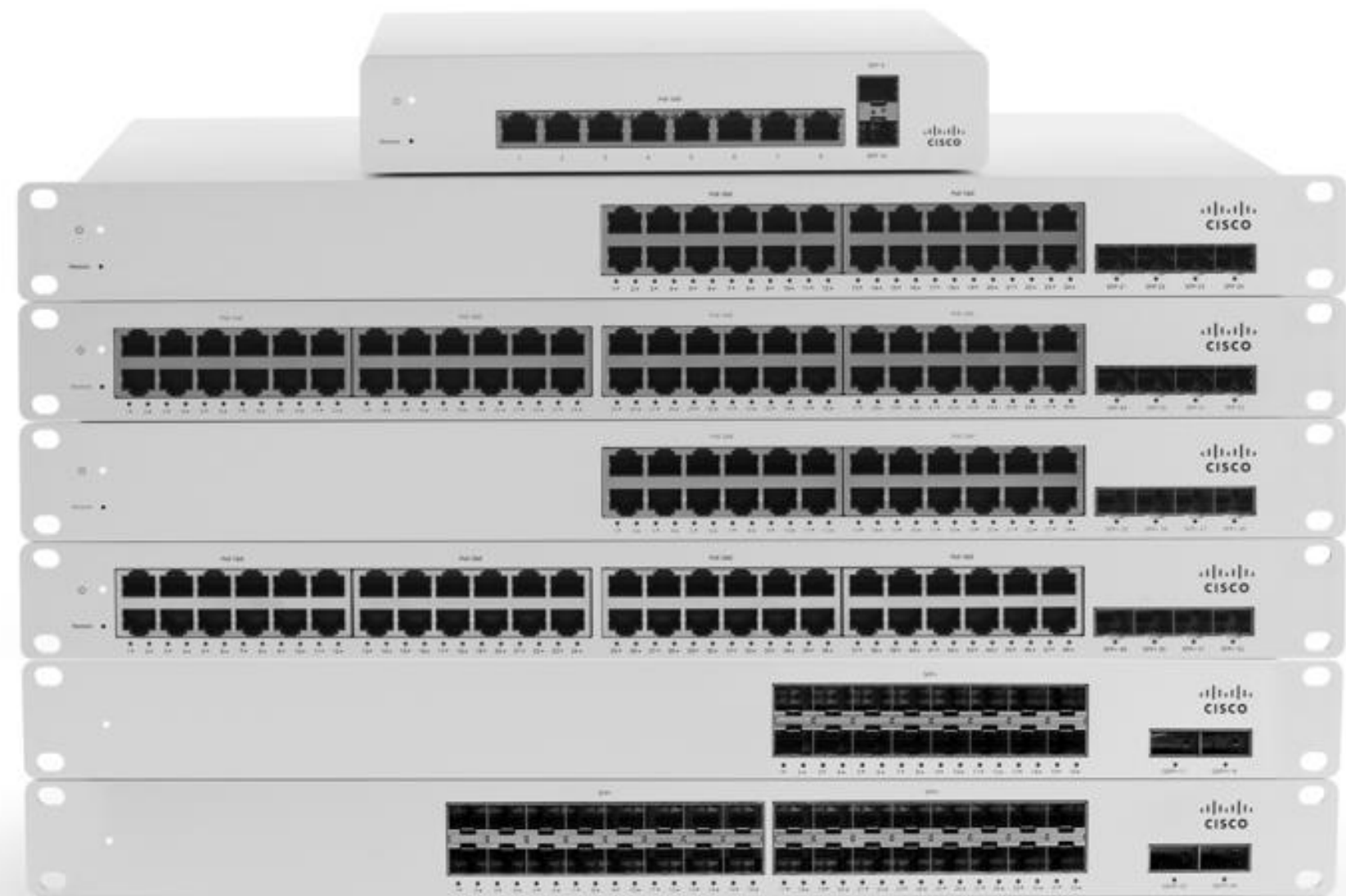
Content filtering

Built-in SD-WAN functionality

Advanced Malware Protection (AMP)

Application firewall

Several models scaling from small branch to large campus/data center

Complete networking and security in a single appliance

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MS Access and Integration Switches

Feature Highlights

Rich visibility and troubleshooting

Easy QoS for voice and video

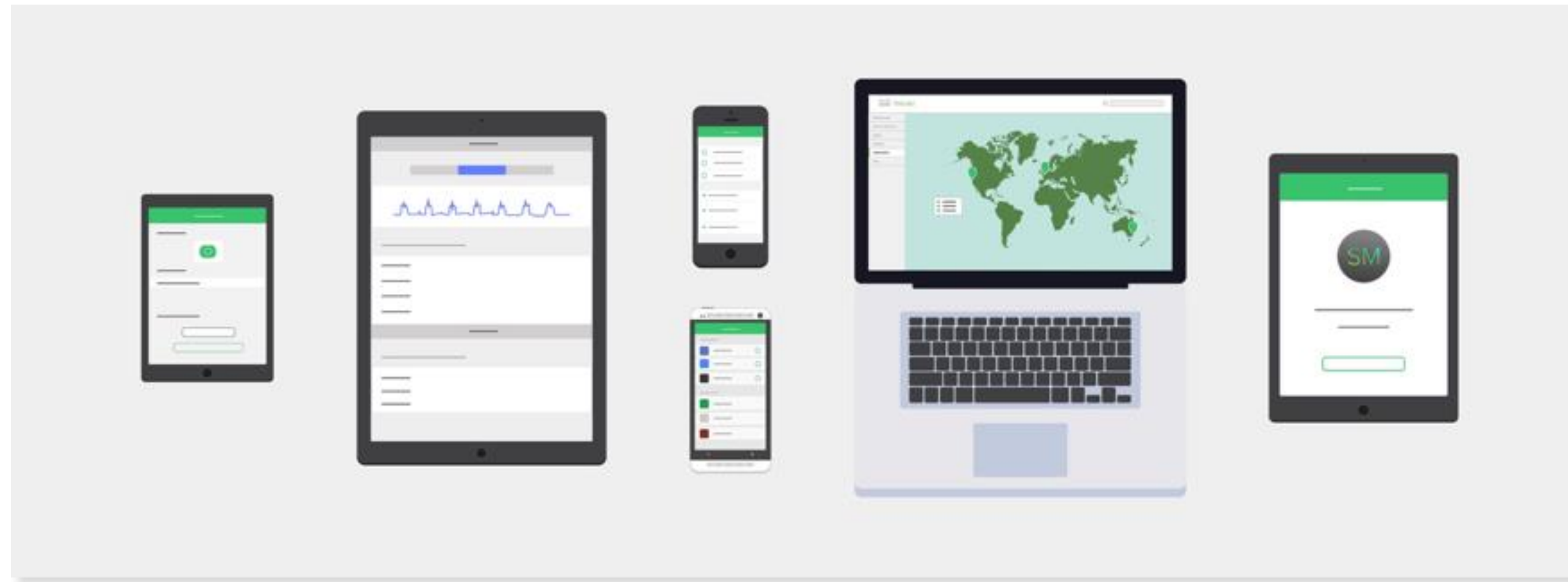Virtual & physical stacking options

Multigigabit-capable options

Integration with the rest of the Meraki solution

Gigabit & Multi Gigabit stackable access switches in 8, 24, & 48 port configurations; PoE available on all ports

Aggregation switches in 16 and 32 port configurations with 40 Gigabit QSFP+

Non-blocking performance and reliability with Lifetime Warranty

SM Enterprise Mobility Management

Feature Highlights

Kiosk mode for iOS and Android

Device tracking and posture reporting

Rapid provisioning and deployment

Streamlined network integration

Intelligent group policies and tagging

Android for Work

Total mobility control for iOS, Android, Mac, and Windows devices

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

Seamless integration with Apple's Volume Purchase Program and Device Enrollment Program and Android for Work for effortless app and device deployment

MV Security Cameras

Feature Highlights

Revolutionary edge storage architecture—no more NVR/VMS!

Motion Search tool for retroactive detection of key motion events

Granular access controls

Optimized video retention tools allow for per-camera customization

Indoor and outdoor models available + multiple mounting options

Streamlined deployment and monitoring through the Meraki dashboard; MV eliminates costly external recording solutions

3 year warranty on all hardware

cisco Meraki

MC Communications

Feature Highlights

Phone number provisioning through Dashboard

Google Apps and Active Directory integration

End user web portal

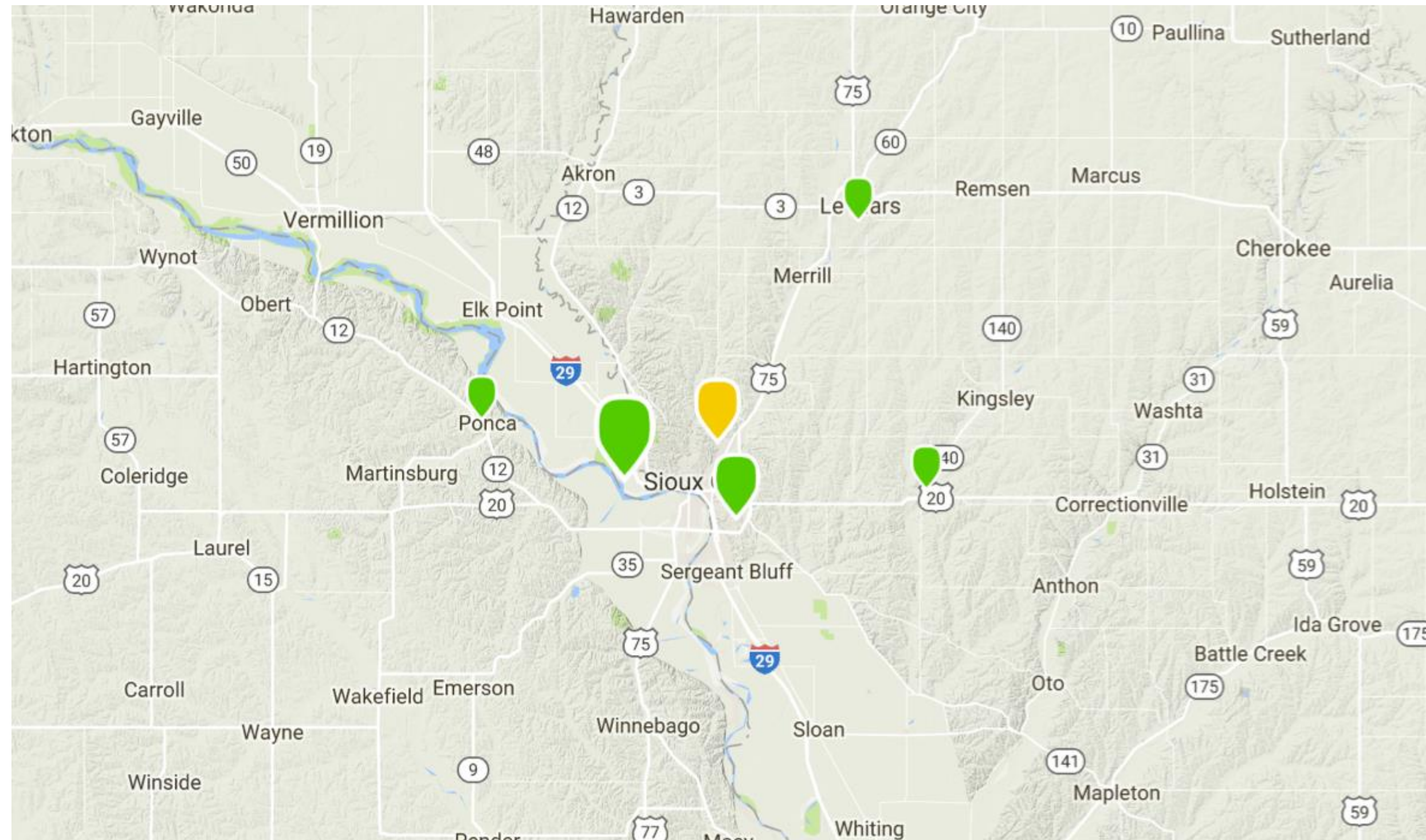High quality hardware with touch screen for automatic software updates

Effortless deployment without the need for any on-site infrastructure

Compatible with a wide range of popular headsets

2 year warranty

Benefits & Next Steps
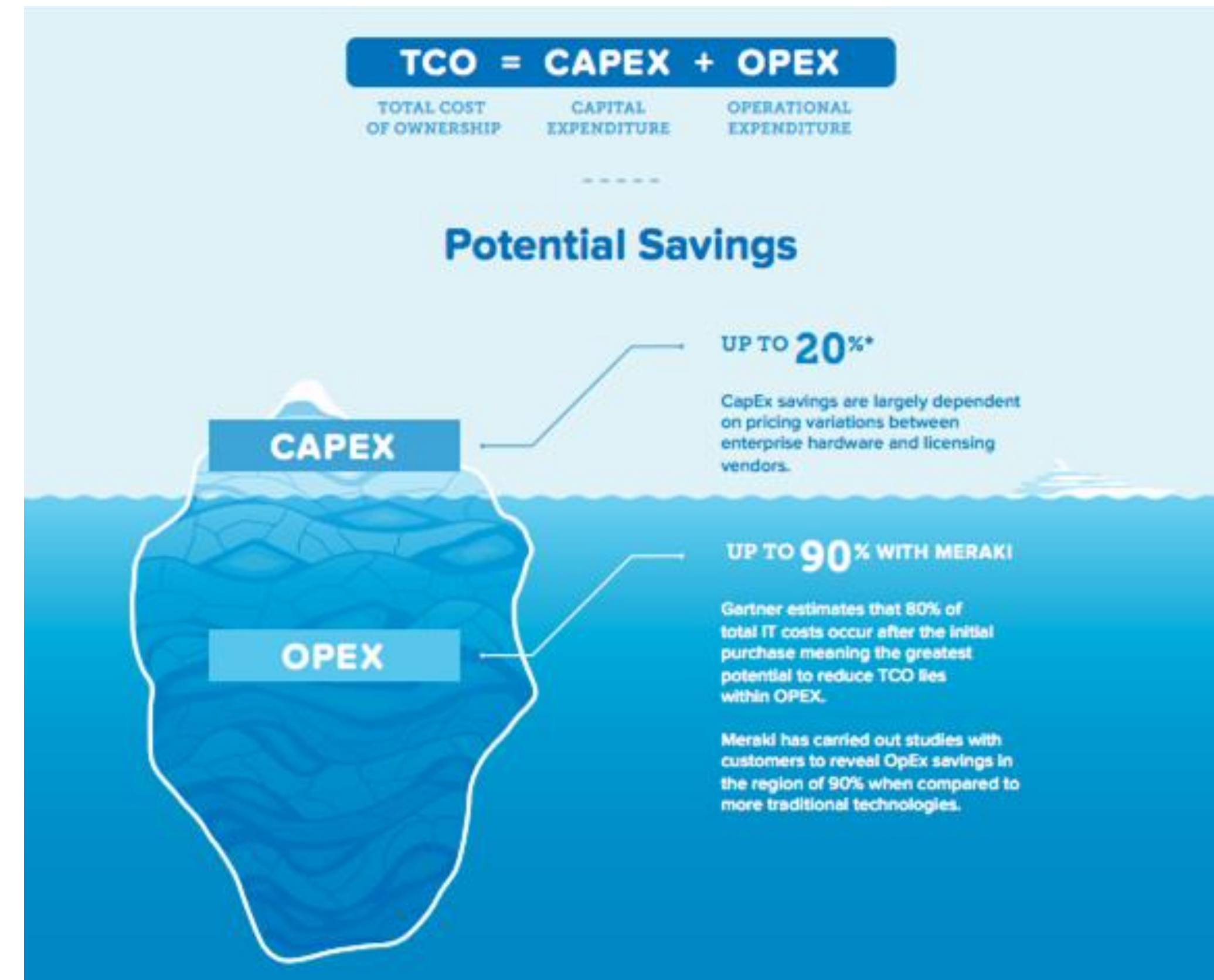
"It was that single pane of glass"

All our management is under one console so we spend less time troubleshooting the network and more time helping our employees be more productive, and therefore our business became more profitable.
- Fidell Wadsworth, Lead Network Engineer @ CNOS

Meraki

Reducing Total Cost of Ownership with Meraki

- Gartner estimates that 80% of total IT costs occur after the initial purchase (OpEx)
- Savings in shopping around for the cheapest hardware are likely to pale in comparison to the potential savings in OpEx with Meraki
- Bar S Foods saved over $5M in production revenue with Meraki over 5 years

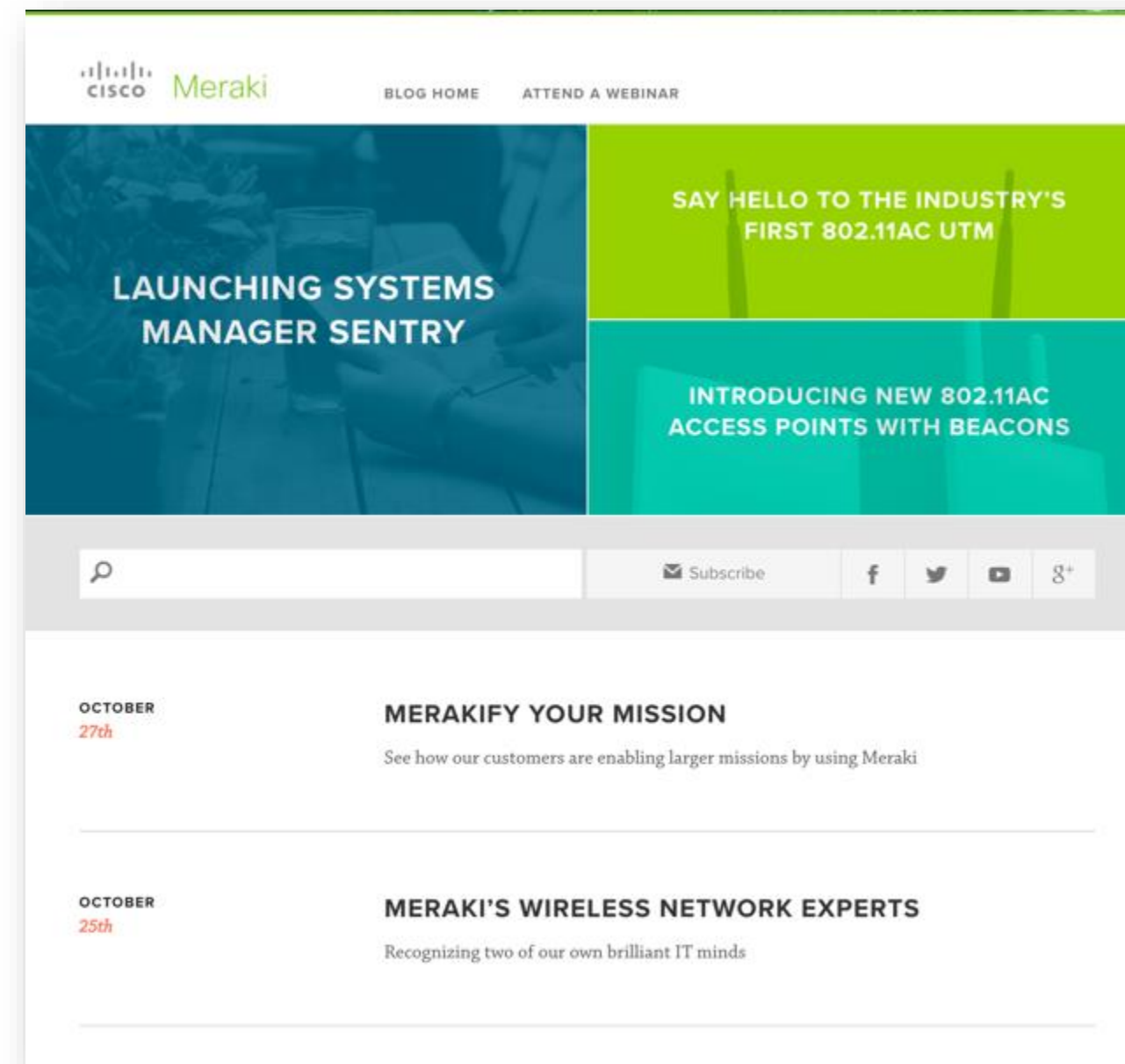*"Don't judge a book by its cover"*

Next steps

Risk-free evaluation
meraki.cisco.com/eval

Check out our website & blog
meraki.cisco.com/blog

Contact your Meraki rep
meraki.cisco.com/contact

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