#CiscoLive

Network and Application Assurance

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DGTL-PSOMER-1100

Agenda

- Introduction
- Meraki
- Meraki Health
- Meraki Insight
- Conclusion

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Enterprise trends driving digital transformation

Bring your own device
Devices in the workspace

Auto-detect non-user devices
Devices everywhere

Networking and security
Advanced threats

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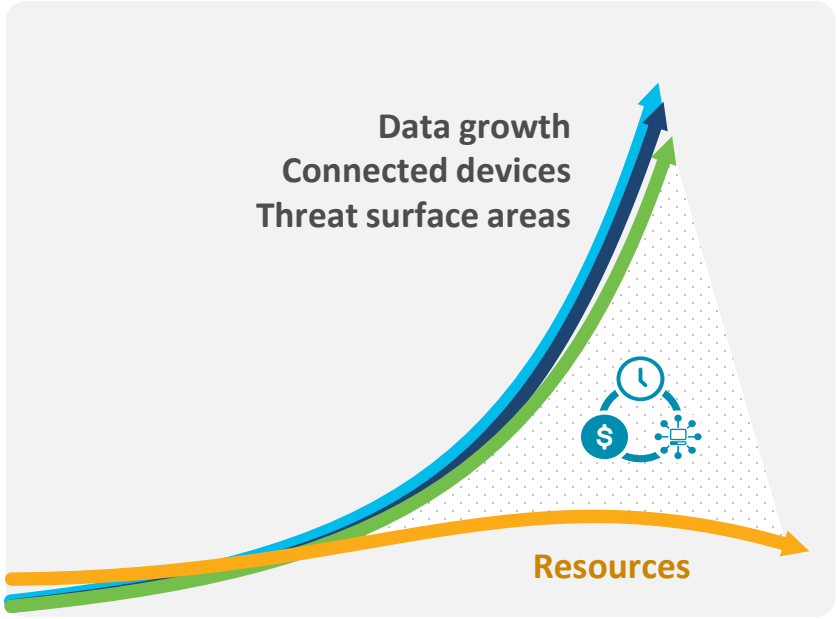
Challenge for enterprise IT: Doing more with less



$60B Spent on network operations

3x more Organizations intend to be digital ready within 2 years

An evolved world needs a network evolved.

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The intent based network

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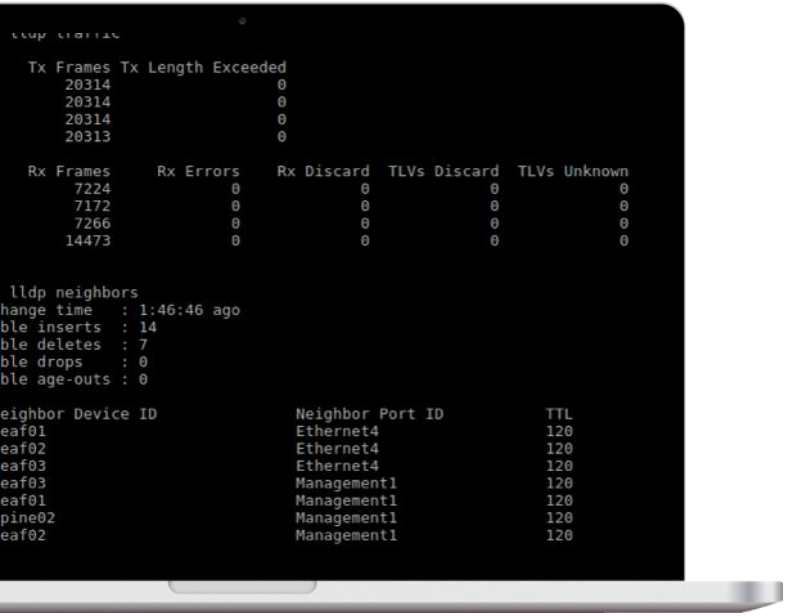
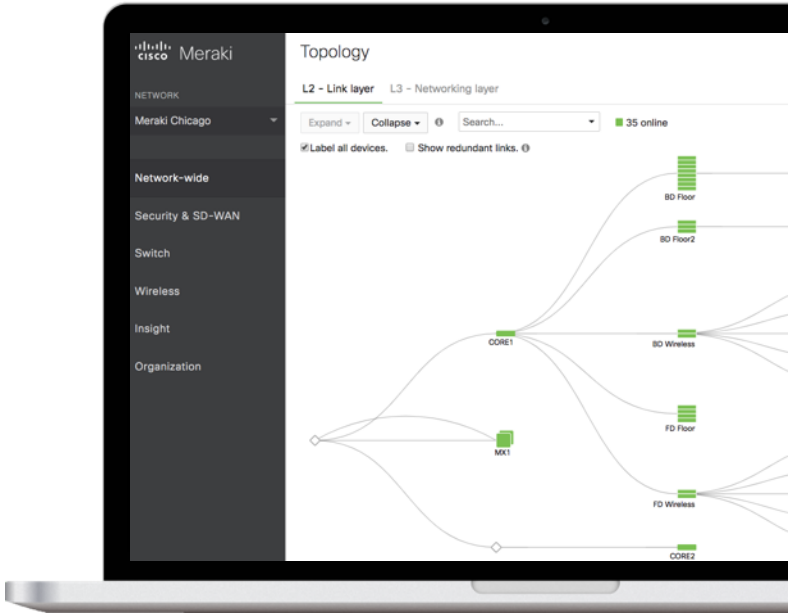
Meraki

WITHOUT Meraki



WITH Meraki



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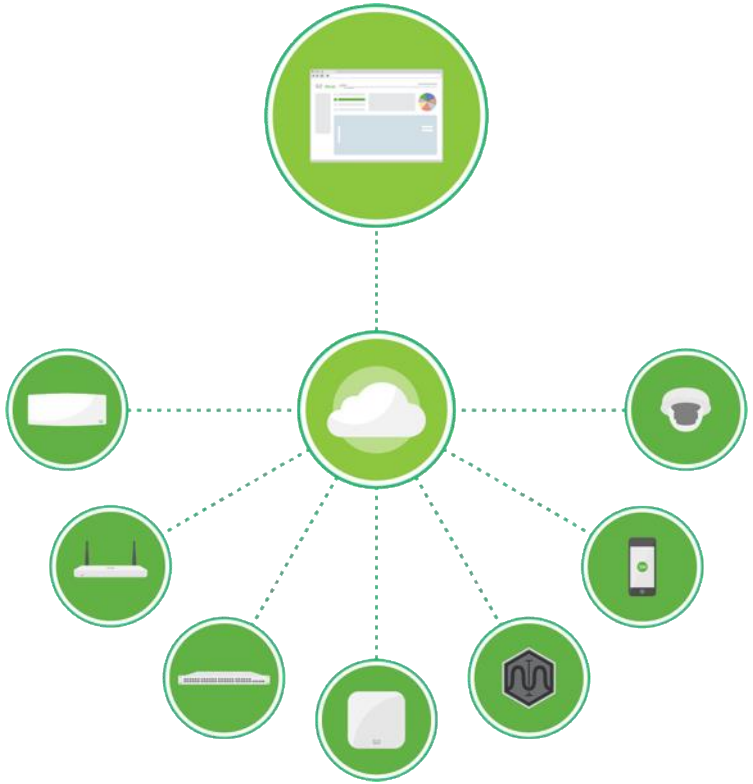
We create technology that simply works.

Among Cisco's fastest growing portfolios

Provide a complete cloud-managed IT solution with integrated hardware, software, and cloud services



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A wealth of data

The Meraki Cloud is operating at unmatched scale today

500,000+
active customers

120 million
clients connected daily

2 million
Dashboard visits daily

45M+ API requests
served daily

Single customer: 200K Meraki
devices & 5M clients

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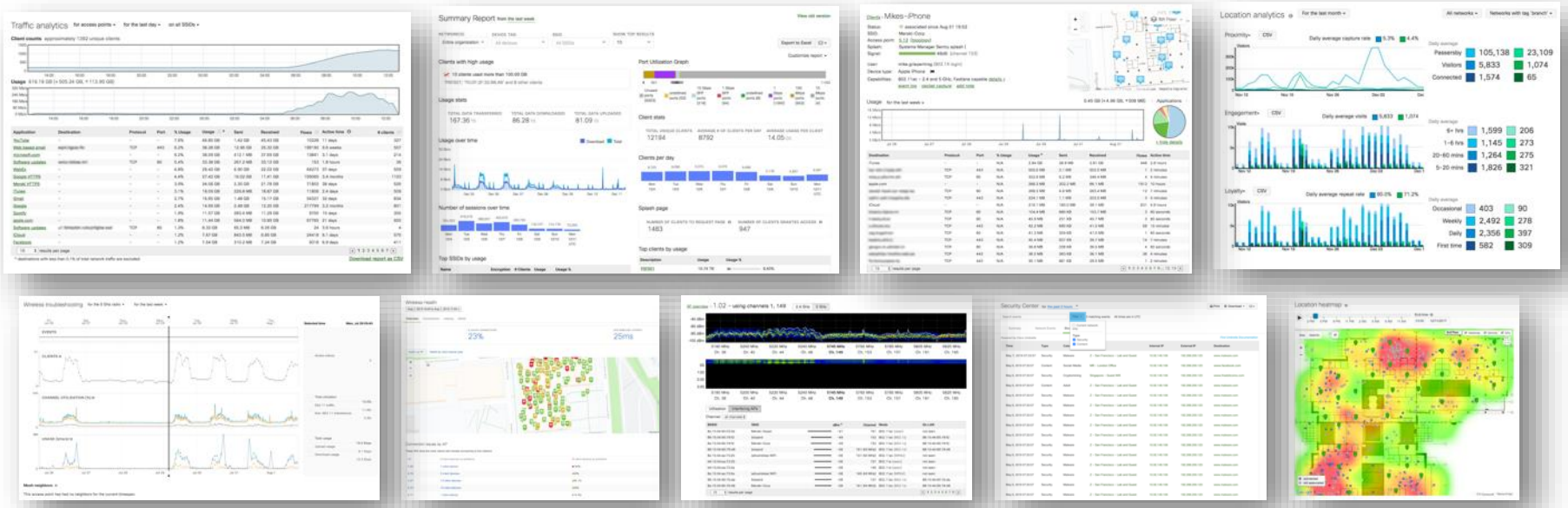
High capacity edge networking



Rich analytics & control for clients, to LAN/WAN, and applications

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Cloud-managed journey

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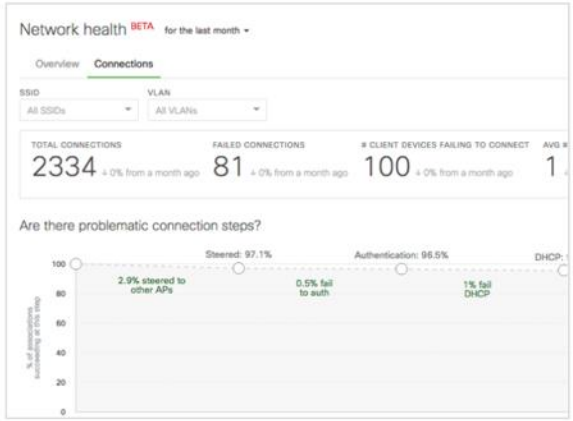
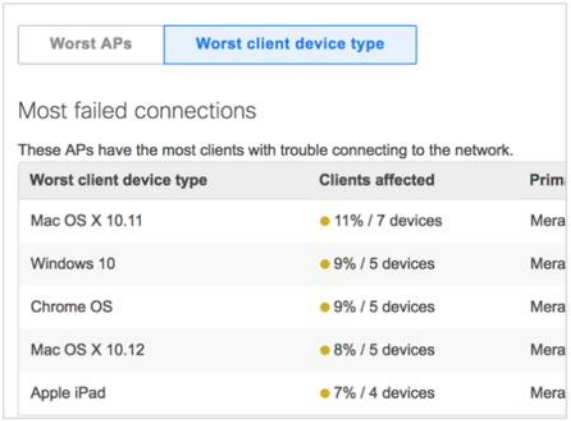
Wireless Health: powerful heuristics for smarter troubleshooting



Can users access the wireless network successfully?



Are connected users having a good experience?

Are any access points overloaded or in need of optimization?

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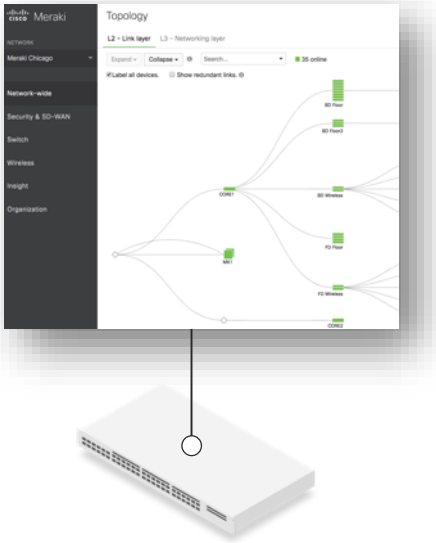
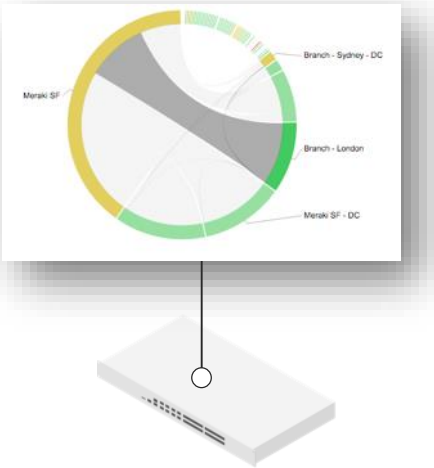
Meraki assurance tools

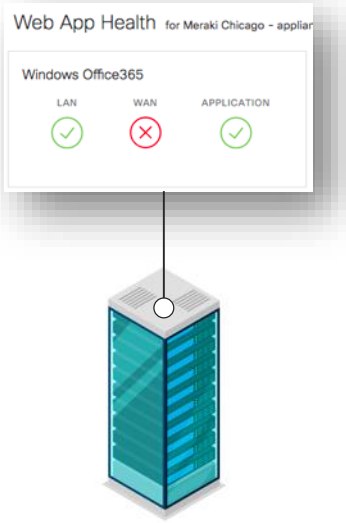
Wireless



Switching



SD-WAN



WAN & SaaS

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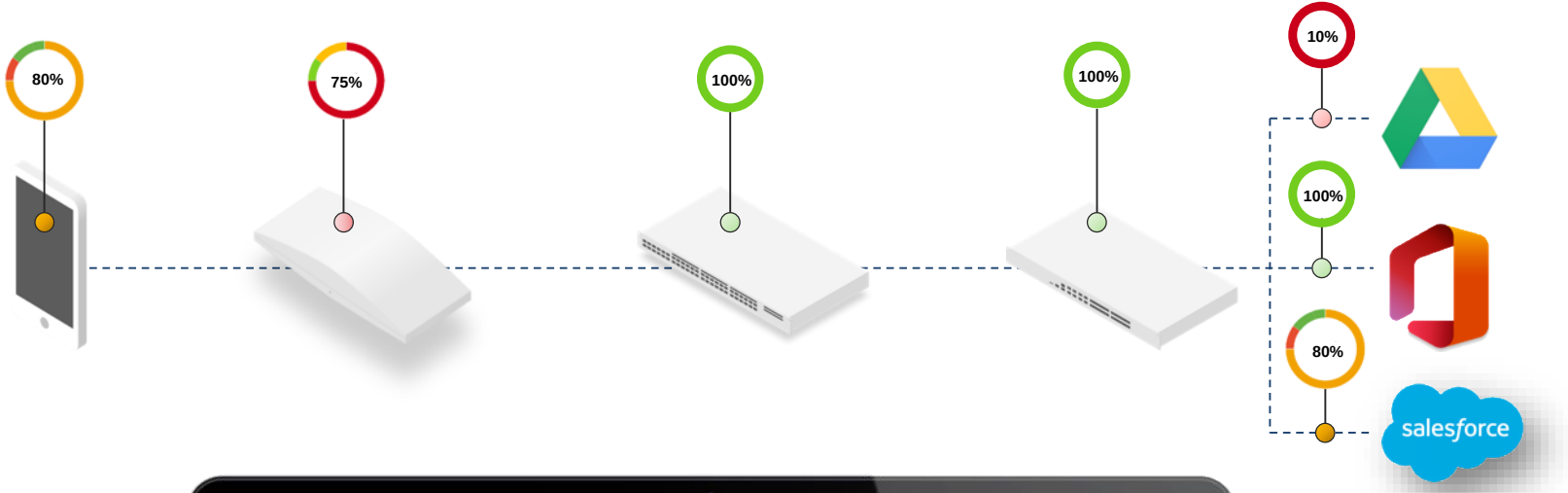
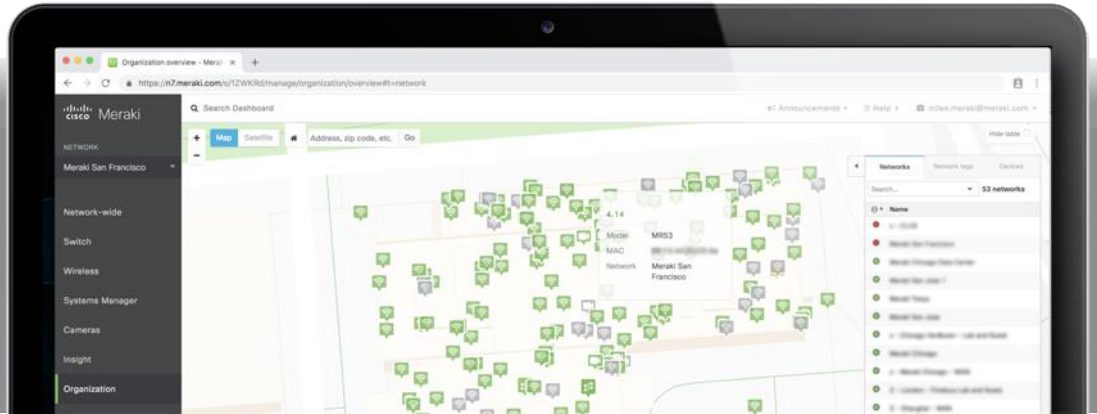
Meraki Health

cisco Live!

Meraki health





Simplicity with Meraki Health

EASY TO USE AND UNDERSTAND

Quickly understand root cause even when underlying issue is known

RIGHT DATA, RIGHT PLACE, RIGHT **VIEW**

Having the right data and context available is key to troubleshooting

FULL STACK ASSURANCE

Finding issues takes time. The Meraki platform now makes it easy to identify problem areas.

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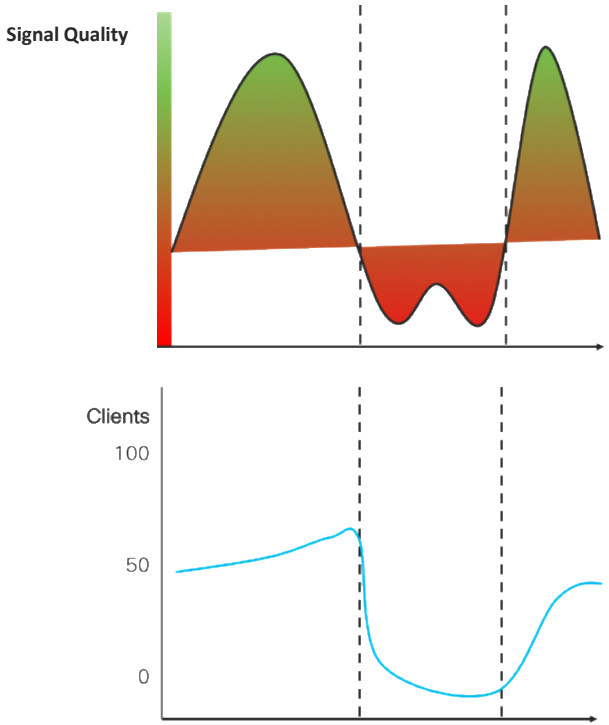
Historical access point performance

Time-based metrics for immediate root cause detection

- Usage & clients
- Signal quality
- Latency
- Channel utilization
- Data rates



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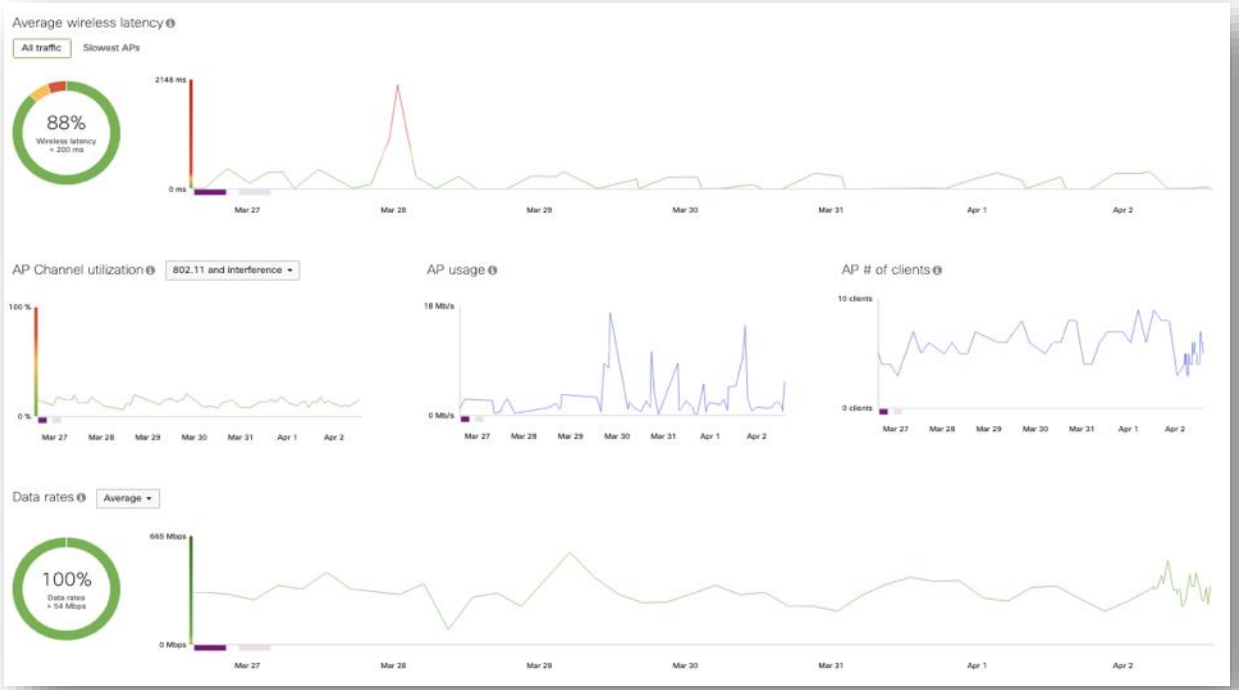
Historical client performance

Time-based metrics

- Signal Quality
- Latency
- Channel Utilization
- Usage
- Data Rates



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Case study: assurance for configuration change

Quantify impacts of changes via historical time travel

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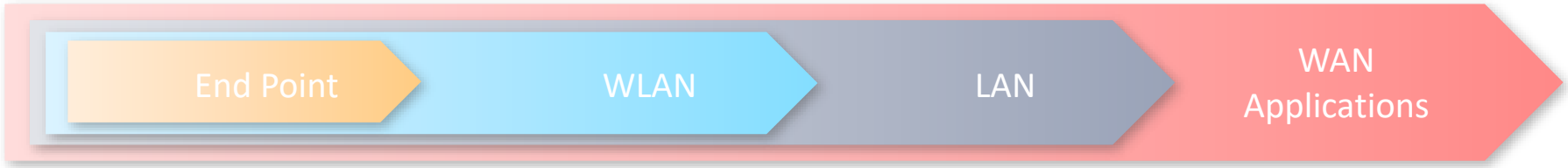
Demo

Meraki Insight

End user experience in the era of cloud-managed applications

Public cloud services are predicted to grow at a CAGR of 22% per year

>$200B market in 2020 (Forrester)



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Meraki Insight

"WHY ARE USERS EXPERIENCING SLOWNESS IN CRITICAL WEB TRAFFIC?"

"WHY CAN'T BRANCHES CONNECT TO THE INTERNET?"

"WHY IS MY VOIP PERFORMANCE BEING IMPACTED?"

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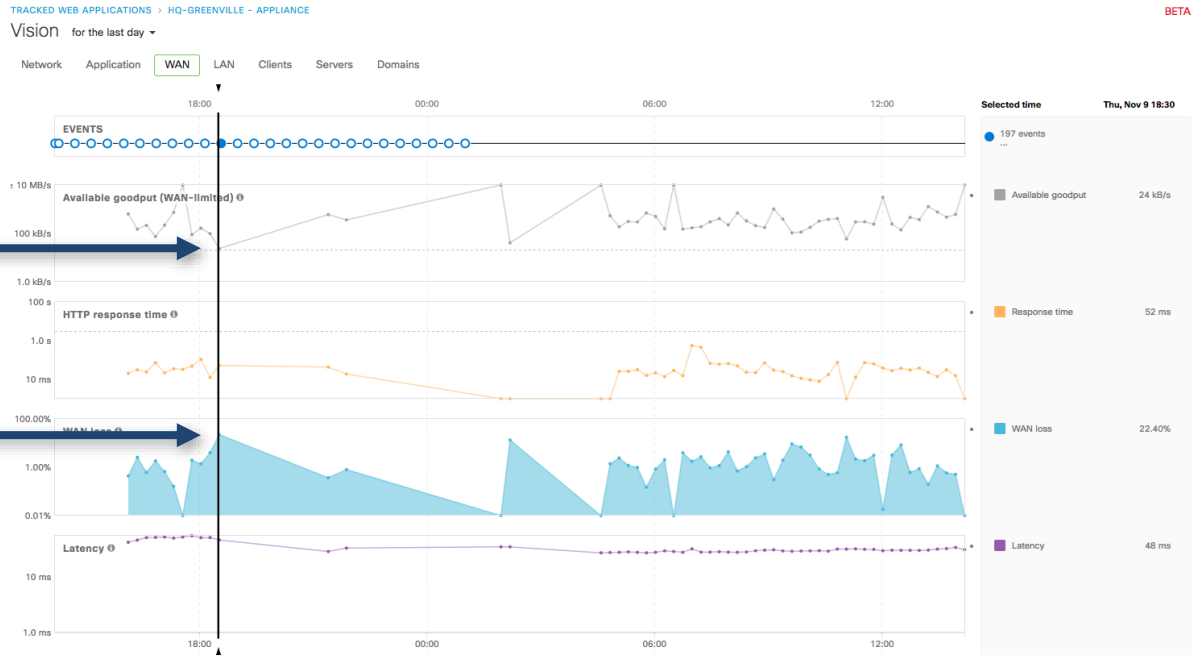
Faster time to resolution

Diagnostics show that WAN loss (ISP) is the culprit for application quality degradation



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Introducing machine learning to Meraki

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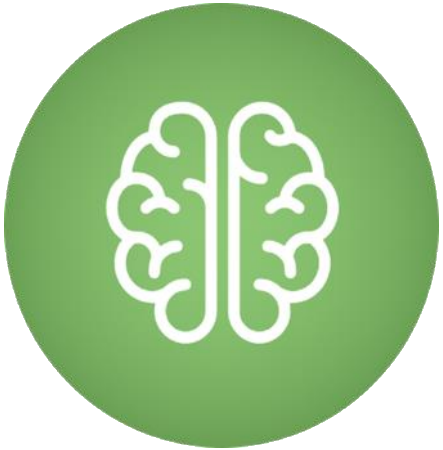

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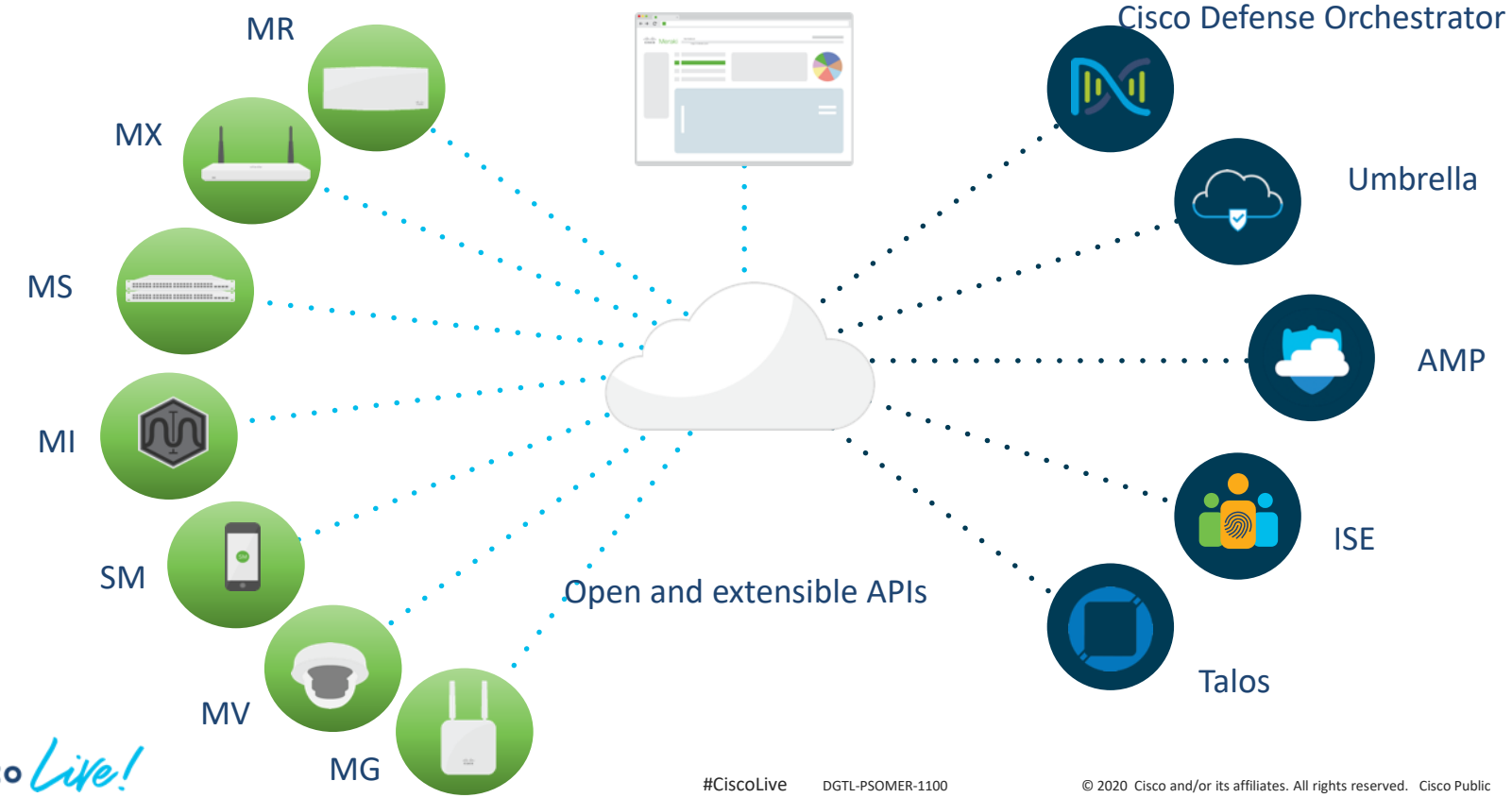
Demo

Simple, secure, intelligent platform



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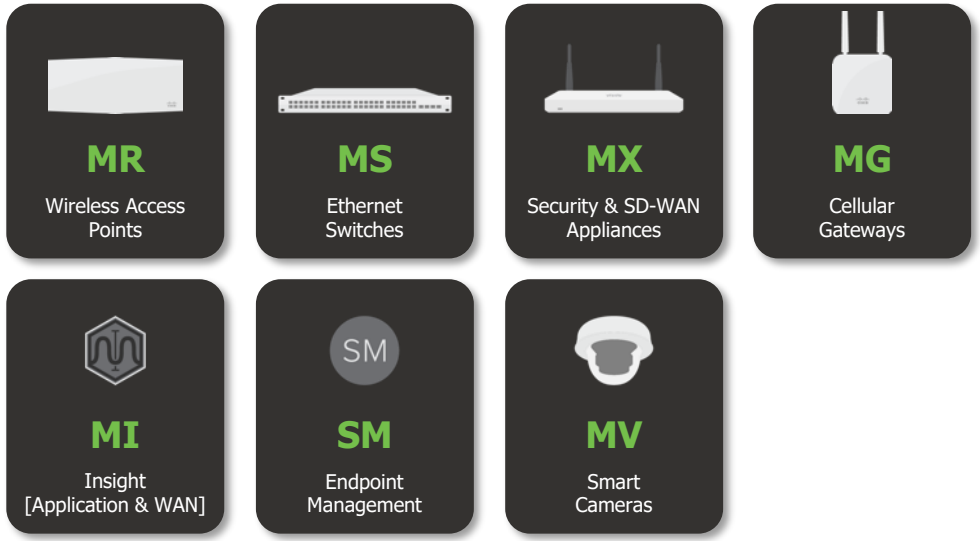
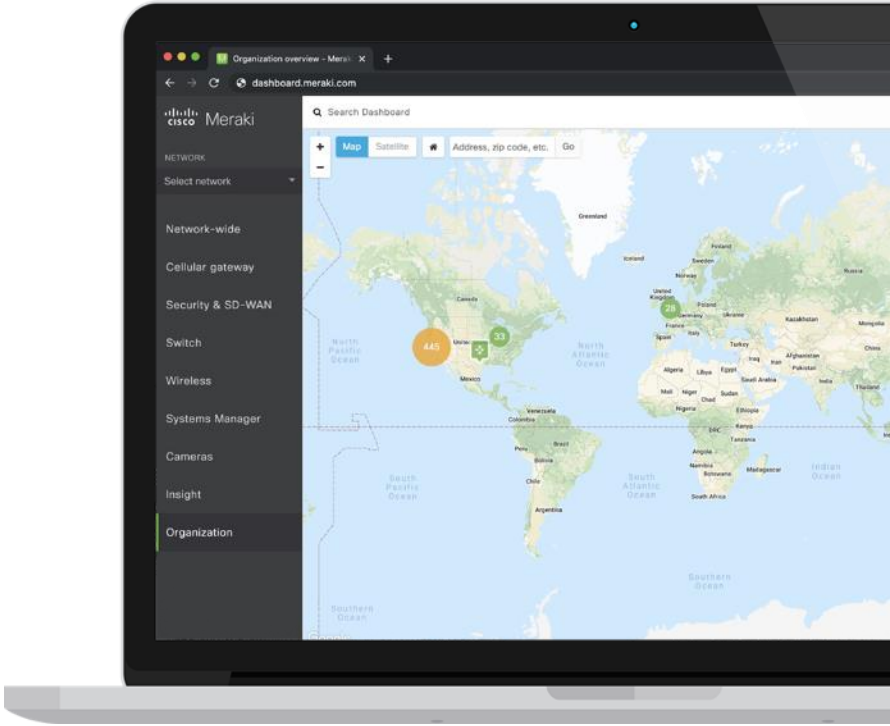
The Meraki Platform

A Complete Cloud-Managed IT Portfolio from a Single Pane of Glass





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Thank you

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