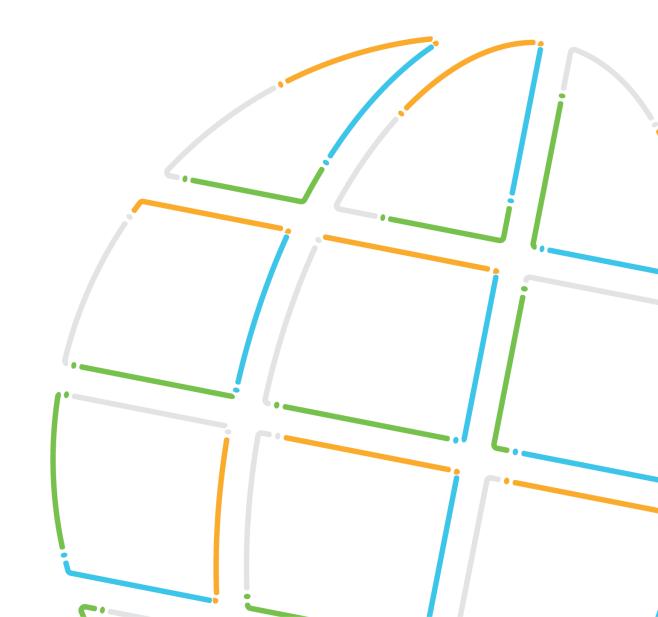


Cisco / Meraki

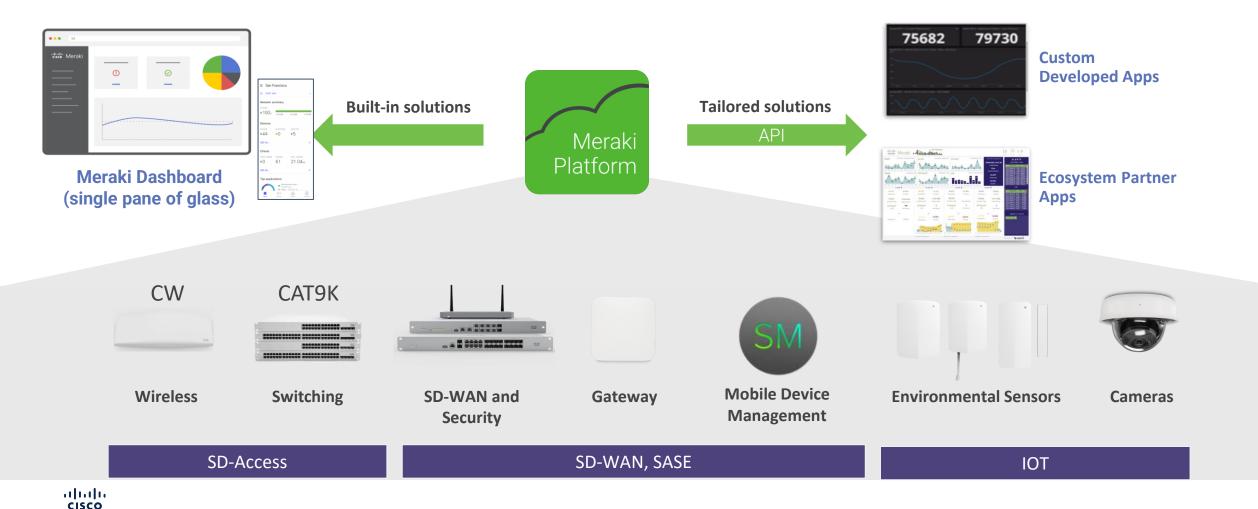


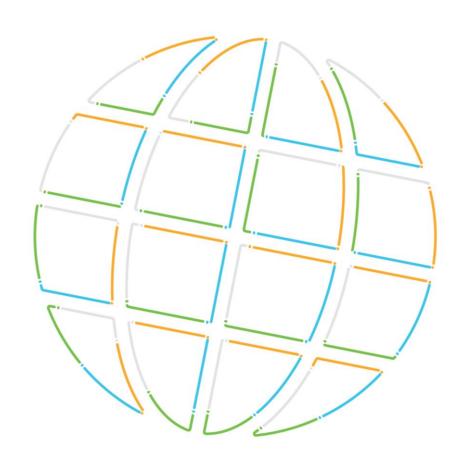
Agenda

- Short Intro of Cloud
- Catalyst Cloud Monitoring/Management
- Products Switching & Wireless
- Onboarding APP via DASHBOARD
- LIVE DEMO
 - CAT9300-M Managed
 - CAT9200L Monitored / CLI Launch
 - APP onboarding
 - MS130 Managed
 - CW91XX Series + Advanced Roaming



Cloud Platform & API Solutions





Catalyst Cloud Monitoring & Managed



Cloud Monitoring for Catalyst

On-premise functionality in the cloud | Deployed and managed by you

Unified view of Cisco network infrastructure

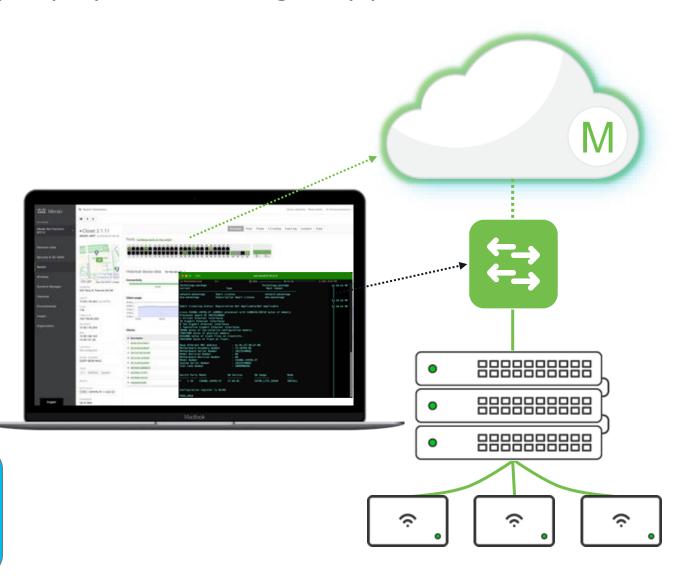
Device health and troubleshooting

Network client and traffic information

Models
switching (92xx,933xx & 95xx) & Wireless
CW 91xx and 98xx

Firmware
IOS-XE 17.3+
(Switching)
IOS-XE 17.12.X#
(Wireless)

LicensingDNA Advantage
DNA Essentials*



Cloud Monitoring Roadmap

What's next for cloud monitoring?

Today

- Onboarding of 9200 / 9300 / 9500
- Catalyst Switching in Meraki
 Topology
- Client, port, and application visibility
- Live Tools

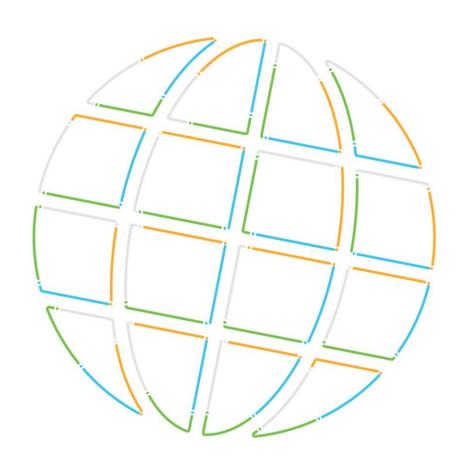
Next

- MS Parity/Equivalence
 - Alerts & Events
 - L2/L3 Visibility
 - More live tools
- Ongoing C9K switch support
- C9k wireless support

Strategic

- Co-existence with DNAC
- Raw IOS-XE configuration visibility
- Firmware Management
- Support for Chassis switches
- License Management / Enforcement





Switching



Platform roadmap

Phase 1 Phase 2 Phase 3 **Available Now** Planned for 2024 **Future** Comprehensive Cloud Monitoring network visibility; device, Catalyst 9200/L Catalyst 9400 client and traffic observability C9800-connected APs* Catalyst 9300/L/X and insights, issue diagnosis Catalyst 9600 and troubleshooting. APs x800 models Catalyst 9500 Cat9300 November 2023 Planned for late 2023 Catalyst 9200L Extended network visibility; device, client and Management Catalyst 9300 Catalyst 9200 Catalyst 9300 Fiber traffic observability and Future insights. Added capabilities Catalyst Catalyst 9400 Catalyst 9300L include automation, zero-9166/64/62 Wi-Fi 6E trust security and programmab Catalyst 9500 ility through APIs and CW916xx Available Now ecosystem integration. Catalyst 9600



Supported Platforms and Software for Monitoring







Models

Catalyst 9200/L 9300/L/X 9500

Firmware IOS-XE 17.3+

Licensing DNA Advantage DNA Essentials



Supported Platforms and Software for Monitoring







Everyone can onboard their CAT9K's into Cisco Meraki Dashboard Easy and simple via the REGISTER COMMAND / CLI

<u>Cisco Cloud Management</u> <u>for Catalyst</u>

Catalyst 9300 migration to Meraki Cloud Management





Available in DNA Essentials and DNA Advantage

Advantage Licensing
Traffic Analytics



Essentials Licensing

*** No Traffic Analytics***

Read-only configuration

Converged client view

Port bandwidth usage

Troubleshooting tools

Firmware tracking

Unified topology



Supported Platforms and Management & SW support



Models

Catalyst 9300-24T/48T 9300-24P/48P 9300-24U/48U 9300-24UX 9300-48UXM 9300-UN Firmware IOS-XE 17.8.1+

Modules 9300-NM-8X 9300-NM-2Q 9300-NM-4X

Independent Software for MS and CS switches

Coming Soon

Release Agility

Organization > Firmware upgrades

What?

Firmware will independently be released for "CS" and "MS" switches, where CS includes MS390 as it is a Catalyst-based platform



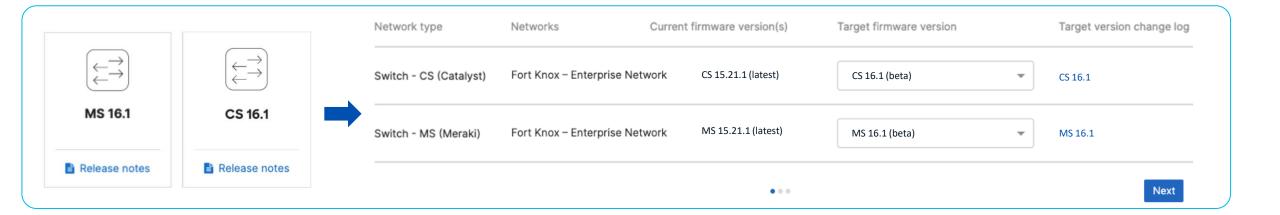
Why?

Ensures release agility for both platforms in the portfolio as our Catalyst-based lineup expands



Independent Software for MS and CS switches

Coming Soon Release Agility Organization > Firmware upgrades



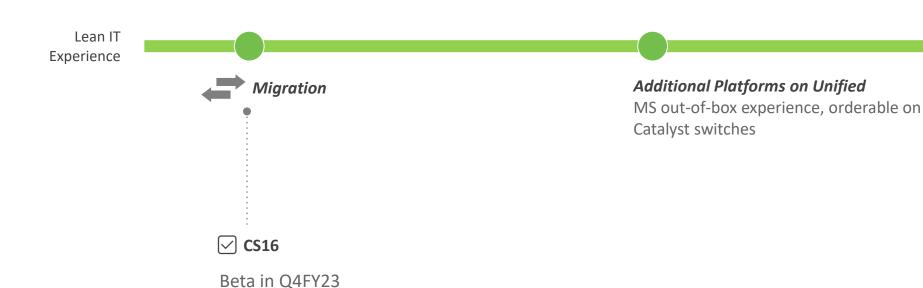
FAQ & Documentation



What's next for Catalyst + Meraki?

Our architecture is evolving, and so is the product strategy





Initial support for 9 x C9300 models
Supported in IOS 17.9.x+ for migration to

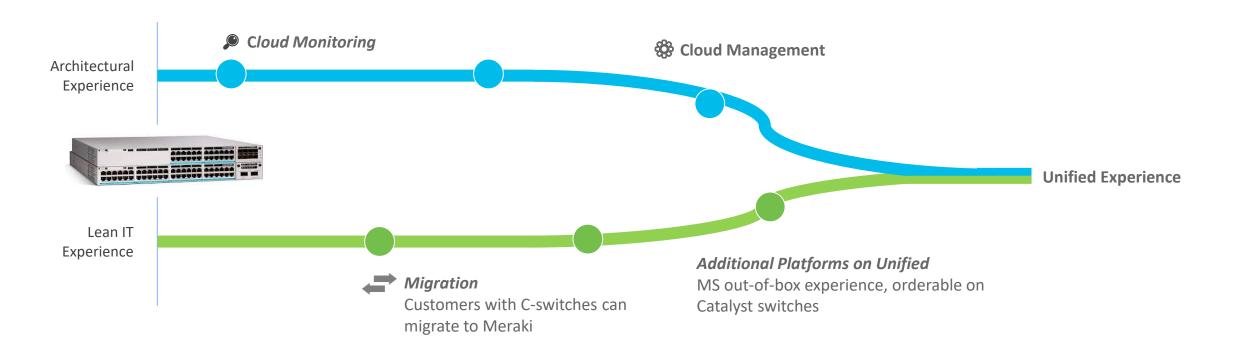
full Meraki Experience



What's next for Catalyst + Meraki?

Our architecture is evolving, and so is the product strategy









Introducing MS130

Power more possibilities with next-generation Meraki access switches



8 and 8P 1 GbE



8X and 12X mGig +10G uplinks

24/24P and 48/48P 1 GbE



24X and 48X mGig + 10G uplinks

Versatile and compact desktop switches

Powerful and full-size rack-mount switches



Boost throughput with cost effective **mGig** options



Connect all your devices with **PoE+** options

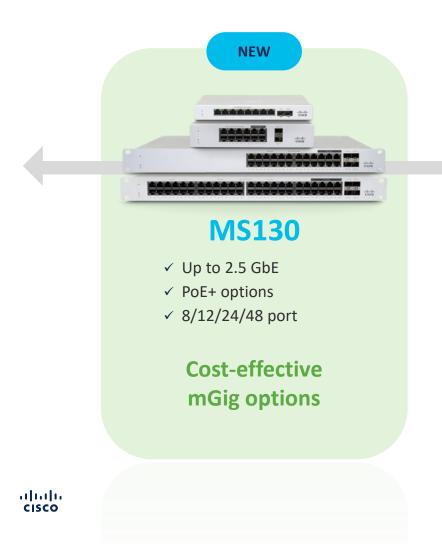


Manage it all in one **unified** dashboard



Expanding mGig into the layer 2 access portfolio

With MS130, you now have cost-effective mGig options







MS350 / MS355

MS390

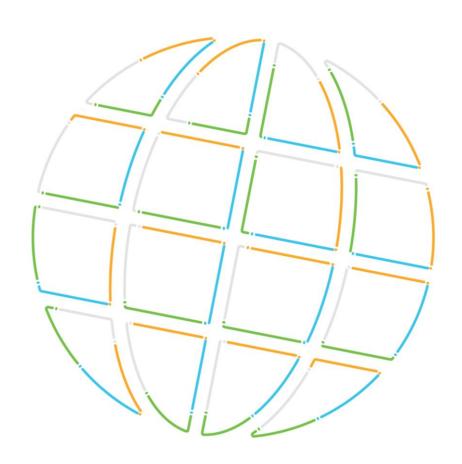
MS130 series overview







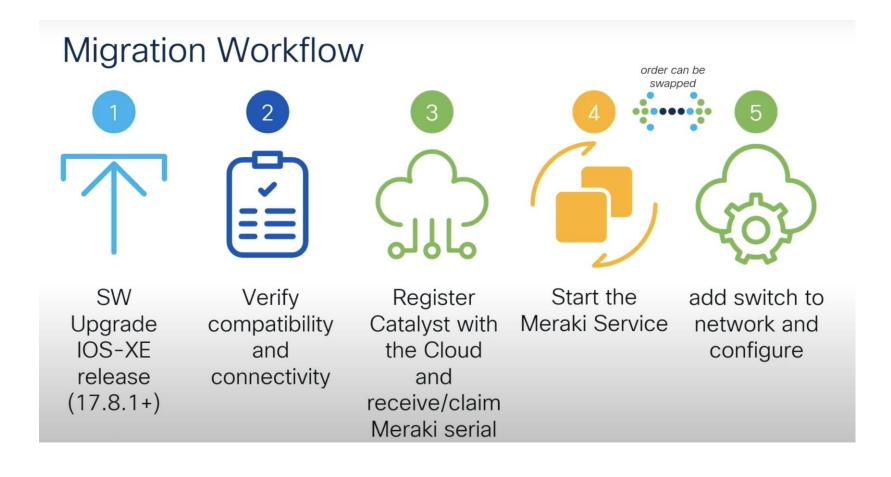
Future release only: MS130 mGig (-X) models and MS130R are hardware-ready for the Adaptive Policy feature with a <u>future firmware upgrade</u> and advanced license.



APP onboarding

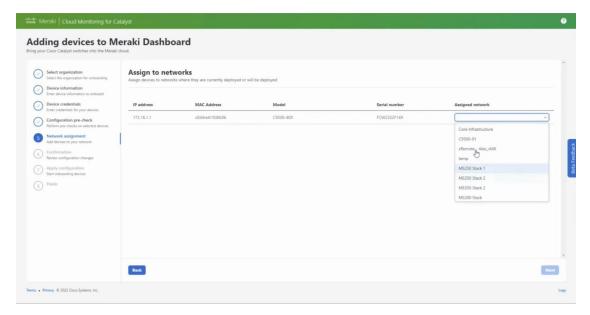


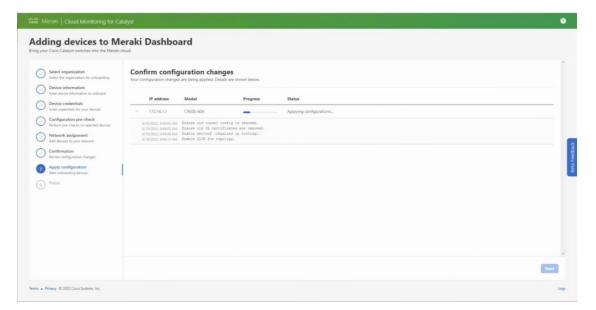
Supported Platforms and Software for Monitoring

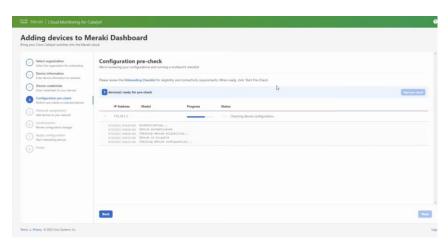




Cisco Meraki Dashboard Onboarding APP



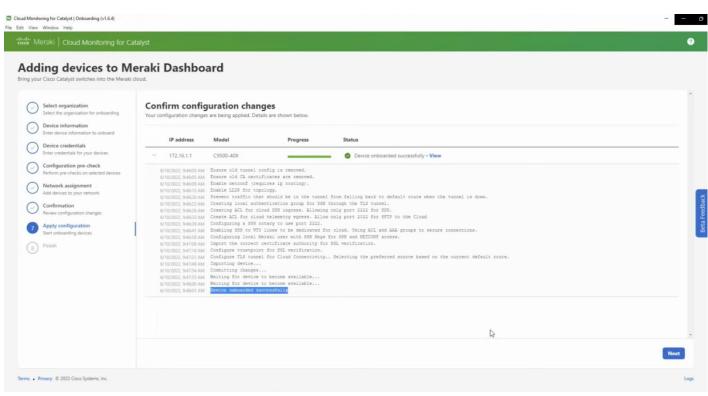






Cisco Meraki Dashboard Onboarding APP





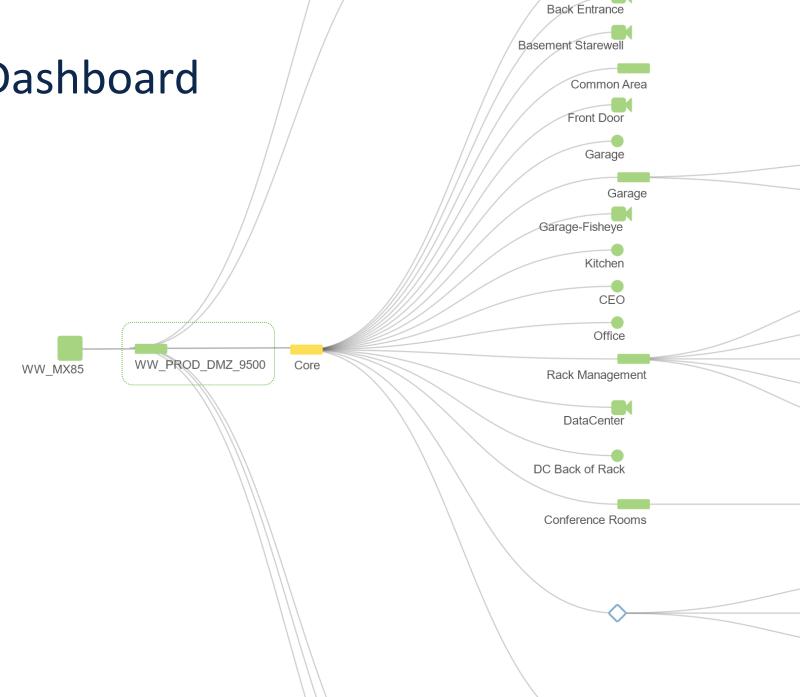


One Network, One Dashboard

Consolidated Device Inventory

Centralized monitoring of IOS and Meraki devices

Unified topology view





Topology 2.0

Work In Progress

MVP Launch TBD

Network-wide -> Topology

An **enhanced version** of your network topology map that is **more interactive**, **intuitive** and a **one-stop shop** for your network monitoring and troubleshooting



New Frontend Framework



Enhanced Visibility



Updated Icons



Enhanced Troubleshooting



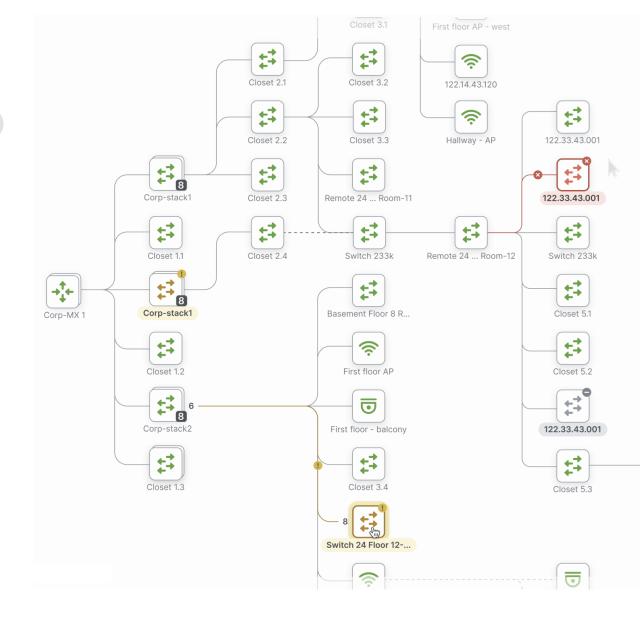
Visio Export

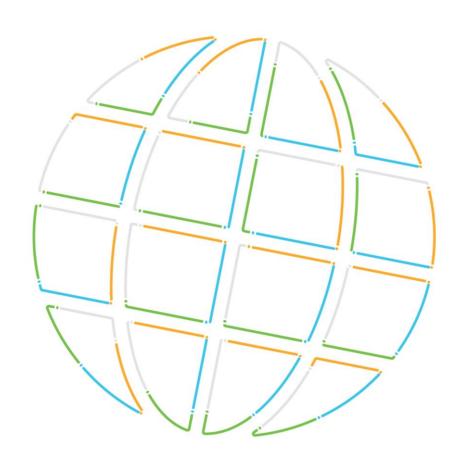


Enhanced Filtering and Views



Disclaimer: Designs are not final and subject to change





Wireless



Cloud Monitoring for Wireless – GA Scope

Supported Models

C9100 series APs CW9100 series APs 2800 series APs 3800 series APs 4800 series APs 9800 series WLCs

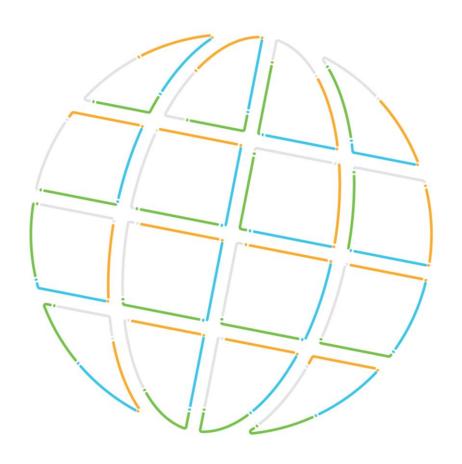
Capabilities

WLC status
WLC <-> AP mappings
AP status
Client and traffic visibility
Topology
Subset of live tools
Subset of health features

Architecture

Physical WLCs only
Standalone WLC supported
Active/Standby HA supported





Access Points



One Hardware Product – Two Management Modes-Same Experience



DNA Management Mode (C9800 + DNA)

In Meraki Management mode, **SAME**-out of box experience – HW and SW quality
-dashboard experience -trial -support –sales
comp as all MR APs





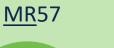
Meraki Management Mode (Meraki Dashboard)



Latest Wi-Fi 6E APs

Choice of management: Meraki, DNA Center, and CLI modes







- 4x4 + 4x4, 4x4 (XOR 5/6)
- Dual 5 Gbps mGig with failover
- Power Options: PoE, DC Power
- IoT ready + Bluetooth 5.x
- Scanning Radio
- XOR Architecture (High/Low band)
- Standard Bracket

C9136



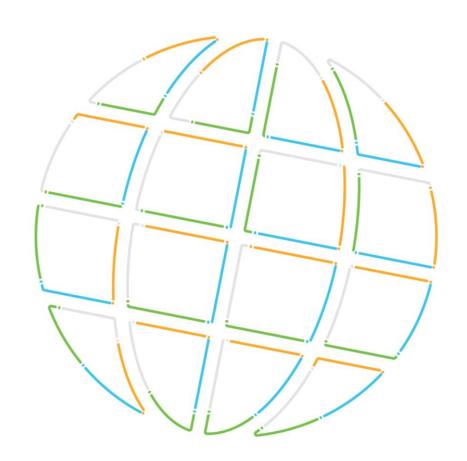
- \bullet 4x4 + 8x8 + 4x4 or 4x4+4x4+4x4+4x4
- Dual 5 Gbps mGig with failover
- Power Options: PoE, DC **Power**
- IoT ready + Bluetooth 5.x
- Scanning Radio
- **Environmental Sensor**
- **XOR** Architecture (macro/meso)
- Standard Bracket



Standard Bracket

CW9164/6: Orderable July 6, FCS Aug. 26 CW9162: Orderable Sept. 13, FCS Oct. 25 (subject to change)

MR and C series APs are not convertible



LIVE DEMO

CAT9300-M Managed
CAT9200L Monitored / CLI Launch
APP onboarding
MS130 Managed
CW91XX Series + Advanced Roaming
Plus some new stuff



cisco

The bridge to possible