CISCO Connect

Delivering on the Promise of the Al-Ready Campus & Branch: Smart, Secure and Scalable Networks



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Another massive technology disruption

Mobility

Internet

Cloud

Al is bringing changes and challenges

1,000s

Al Agents per enterprise expected

#1 risk

Al-enhanced malicious attacks

64%

of orgs face IT skills shortage by 2026

Is your Campus Network Al ready?

For explosive traffic, for increased security risks, for more complexity



AgenticOps The New Standard for IT Operations

ALPHA I OCTOBER



Al Canvas

Cross-domain collaborative troubleshooting

CONTROLLED RELEASE | OCTOBER



Al Assistant

Accelerate network operations

POWERED BY DEEP NETWORK MODEL

Cut MTTR to near seconds with Al-driven root cause and resolution.

Catch critical issues early with Al that sees across the stack.

Operate at scale with lean teams and built-in Al expertise.

Troubleshoot faster together with shared context across teams.

ALPHA | OCTOBER

Al Canvas

Troubleshooting and execution across multiple domains

Collaboration across multiple users (NetOps, SecOps and execs)

Built on the foundation of the Deep Network Model



Operational simplicity powered by Al



Architecture for Secure Campus

Scalable devices ready for Al



Security fused into the network



Operational simplicity powered by Al



Unifying Catalyst & Meraki

Catalyst

Catalyst Center

Catalyst License

Catalyst Hardware

MANAGEMENT

LICENSE

CISCO HARDWARE

Meraki

Meraki Dashboard

Meraki License

Meraki Hardware



Our unified platform

API / Integrations Management <u>Assurance</u> **PLATFORM** Intelligence △△ 000 HARDWARE Smart Secure Industrial Wireless **Switches** Routers IoT

Expanded cloud-managed networking portfolio



Wireless

Full wireless support
Scale large campus wireless
with Campus Gateway

GA | MAY



Switching

Expanding cloud management support from fixed access to modular (C9610)

GA | DEC



Routing

Next-gen routing support coming

ALPHA | JUNE

Powered by cloud management with IOS XE



Large campus cloud capabilities

Powerful Switching Capabilities



Support campus deployments with BGP, VRF, ISSU, and StackWise

BETA| NOW

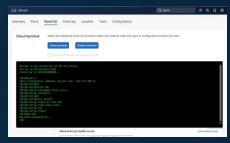
Fabric for Secure Networking



Simplify NetOps with a secure fabric and micro/macro-segmentation

BETA | DEC

Cloud CLI for Flexibility



Simplify onboarding and flexibility with operating mode options and Cloud CLI

GA | NOW

AVAILABLE | NOW

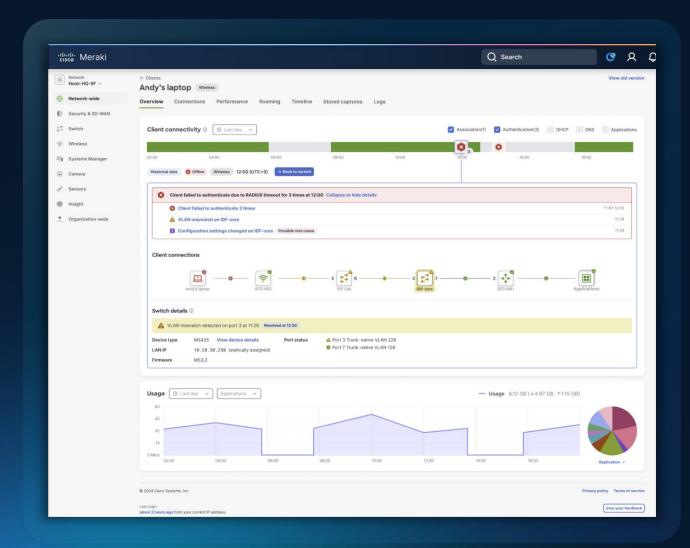
Assurance across every digital experience

Deep visibility across both owned and unowned networks

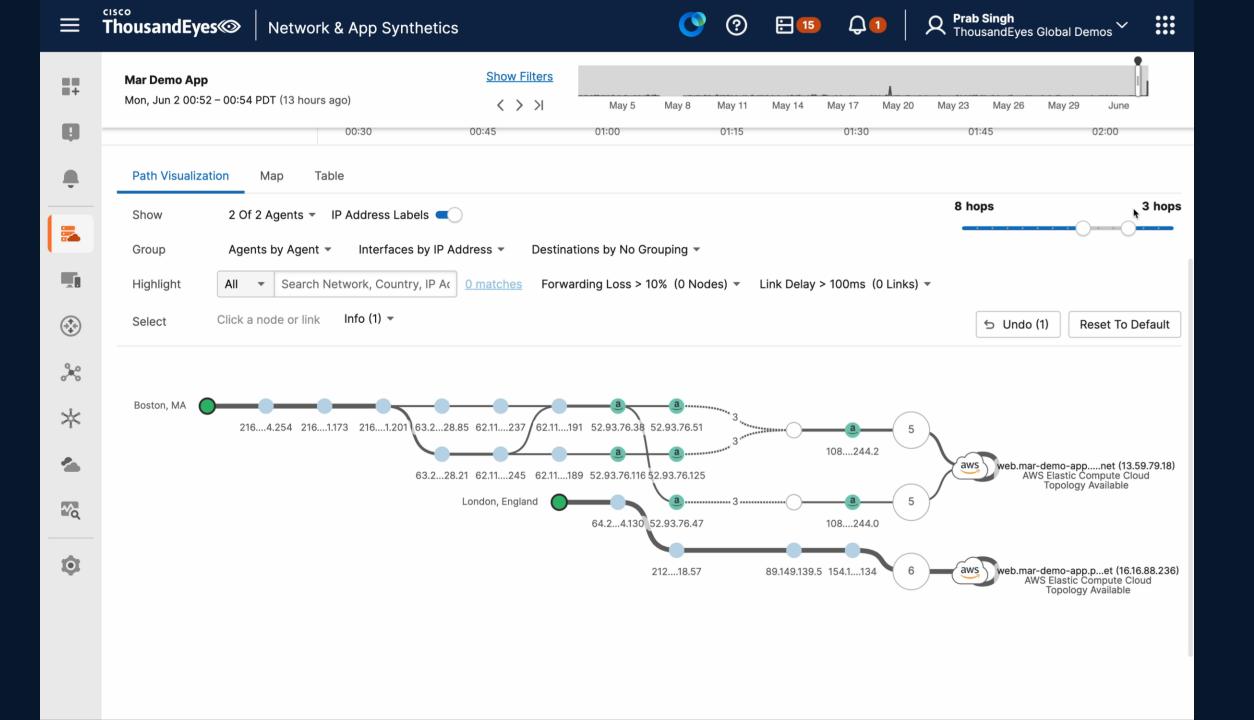
Al-powered insights surface experience-impacting issues instantly

Closed-loop workflows trigger automated remediation

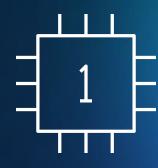
Al Assistant accelerates root cause analysis end-to-end



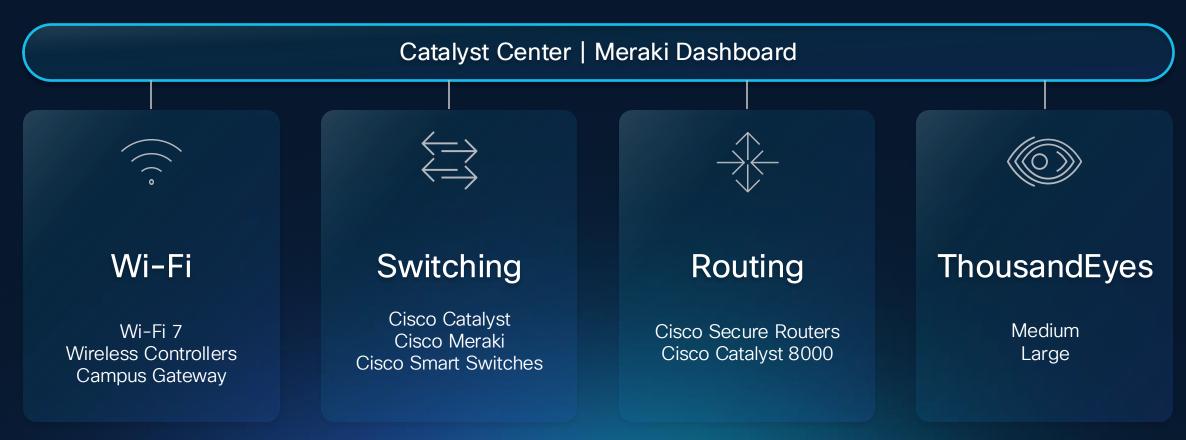




Scalable devices ready for Al



What technologies make up the Secure Campus?



INTRODUCING

Scalable devices ready for Al

Smart Switches



Secure Routers



Campus Gateway



Secure Firewall

Large Venue Wi-Fi 7





ALL ORDERABLE JUNE 2025

High-performance, low latency

Cisco Silicon One + co-processor for security and Al

Post-quantum secure

Intelligent energy efficiency

Introducing

Smart Switches for the Al-powered campus



Cisco C9350 Smart Switches

AVAILABLE JUNE 2025

Unparalleled density, speed, and security

Backward compatible chassis with front to back airflow

Powered by Cisco Silicon One

High density chassis with state-of-the-art hardware

Entirely modular and upgradable system

Introducing Smart Switches for the Al-powered campus



AVAILABLE JUNE 2025

Cisco C9610 Modular Core Smart Switches Boosts hardware encryption post quantum security

Intelligently adaptable to mitigate link failures, congestion, and bandwidth challenges

Flexible and programmable for future AI and ML workloads

High-scale and low latency for time-sensitive applications

Efficient power performance

Powered by Cisco Silicon One for Scale, Security, and Efficiency



Silicon One A100L and Silicon One K100L

Highly Resilient Architectures

Catalyst 9000: Redundancy at Every Layer

Platform Redundancy Hardware + PS + Fan Design Redundancy SVL + GIR + EVPN Software Redundancy
Upgrades + Patching

9300: StackWise, StackPower

9400/9600: Dual Supervisor,

Power Supply, & Fan

9500: Power Supply & Fan

9300/9400/9500/9600 : Graceful Insertion and Removal (GIR)

9400/9500/9600: StackWise Virtual (SVL)

9300/9400/9500/9600: EVPN Multihoming

9300: Extended Fast Software

Upgrade (xFSU)

9400/9600: ISSU (Standalone +

StackWise Virtual)

9500: ISSU with StackWise Virtual

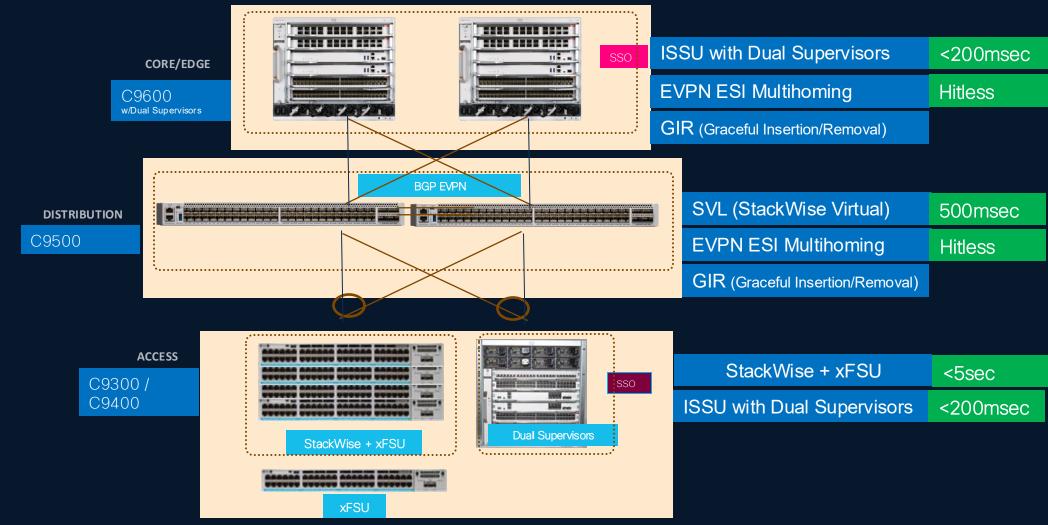
9300/9400/9500/9600: SMU

Hot/Cold Patching

Minimize traffic impact across all layers of redundancy



Campus Resiliency at Every Layer



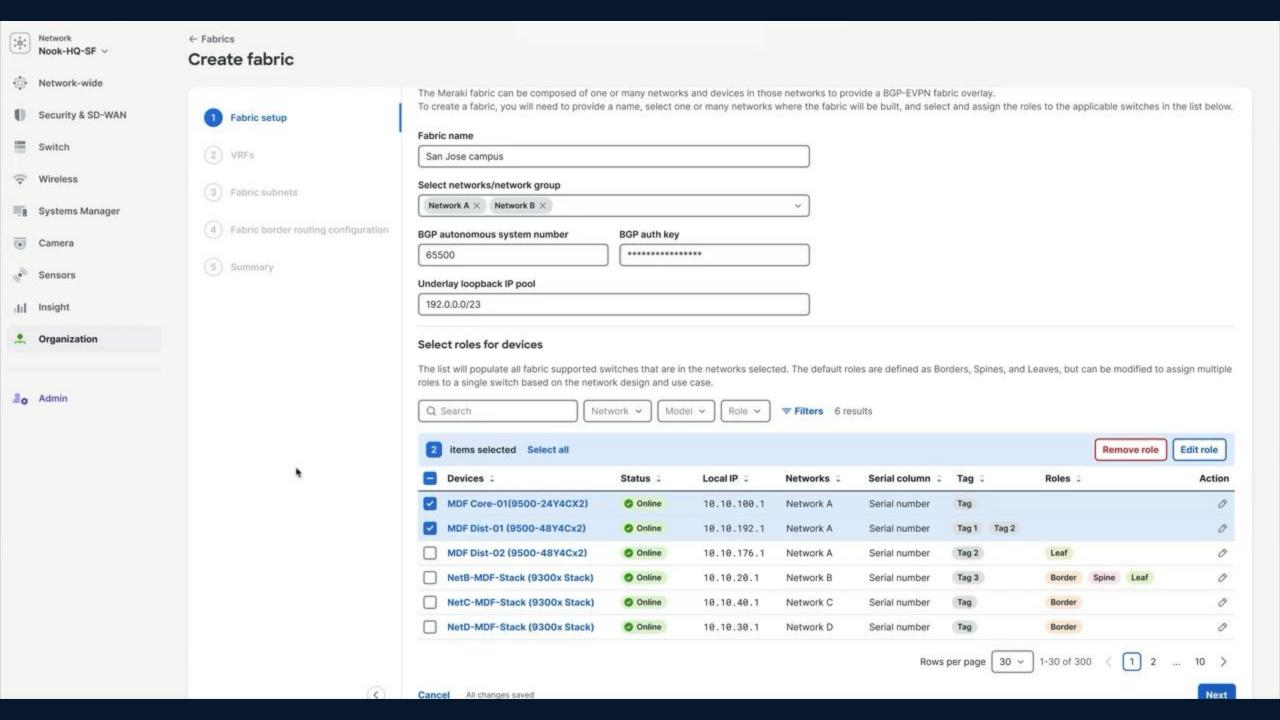
Catalyst 9K - EVPN Multihoming

17.18.1: Beta for Non-Fabric | Fabric available now

17.18.2 + 26.1.1: GA code expected in Q1 2026

Meraki Fabric





Wi-Fi 7 for every operational scale



CW9172

6 spatial streams

Omnidirectional

Ceiling mount and wall plate form factor



CW9176I

12 spatial streamsOmnidirectional10 Gbps, GPS, UWB



CW9176D1

12 spatial streams
Integrated directional
10 Gbps, GPS, UWB



CW9178

16 spatial streams

Omnidirectional

2x 10 Gbps, GPS, UWB





CW9179F

16 spatial streams

Software-defined radios

2x 10 Gbps, GPS

Wi-Fi 7 | Global use AP | Unified license | Al optimized

Scales up to 5,000 APs and 50,000 clients

Easy migration for existing LAN controller architectures

No need to re-cable, change VLANs, or disrupt operations

Introducing The New Campus Gateway



AVAILABLE TODAY

Cisco Campus Gateway

Security fused into the Network



Security Fused into the Network



Securing application access over the WAN

Protecting user access and application interactions

SASE/UZTNA

Continuous identity, posture and risk assessment across every session



Securing network connectivity

Safeguarding and optimizing network connections

Quantum-resistant:

- MACsec
- IPsec
- WAN MACsec



Securing network access

Securing connectivity to the network

Authorization and scalable segmentation

- Identity services engine (ISE)
- Software defined access (SDA) and Security Group Tags (SGT)
- NGFW



Securing the device

Protecting and ensuring compliance of devices

Quantum-resistant secure boot Compensating controls

Securing the device

Secure from hardware to software, from boot time to runtime

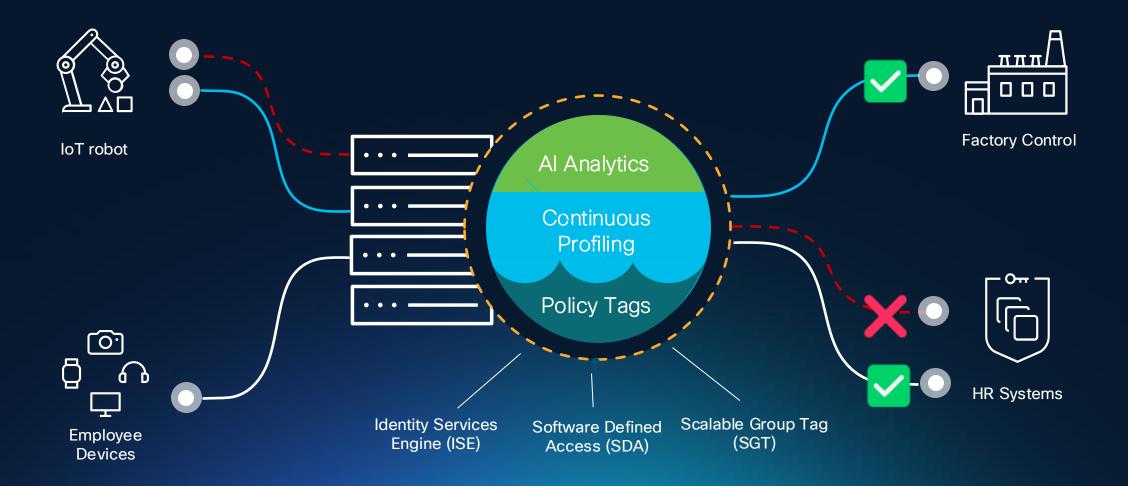
Supply chain No tampering detected attack **Booted securely** Hardware tampering attack Image authenticated **BIOS/Rommon** attack Hardware authenticated Software binary attack No spoofing detected Runtime Data protected from MITM attack attack

Trustworthy

Technologies Verification

Securing network access

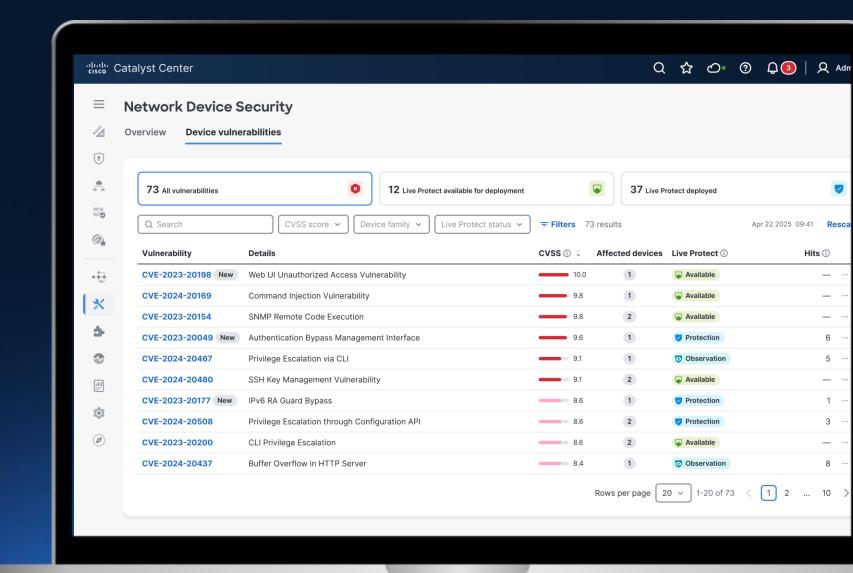
Scalable microsegmentation to protect every connection



FUTURE

Live Protect

Mitigate new threats in near-real time—without upgrading image or rebooting device



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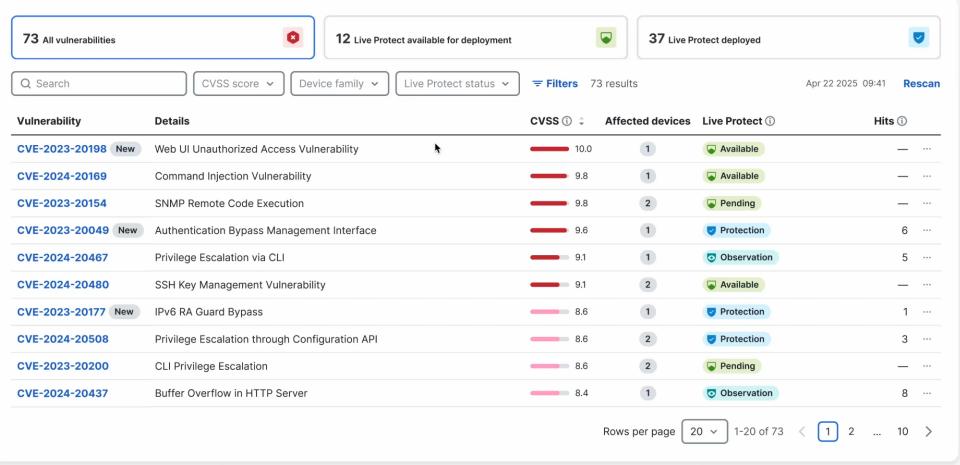
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Challenges in the branch

Growing operational complexity

Rising security vulnerabilities



Lean IT teams & talent shortages



Demanding apps and new Al workloads



Accelerate Innovation with Network Automation

Up to

90%

reduction in time to launch new services.

Up to

70%

reduction in OpEx for service delivery.

50%

fewer provisioning steps with automation

Source: ACG Research



This requires a new branch architecture



Operational simplicity powered by Al



Architecture for Unified Branch

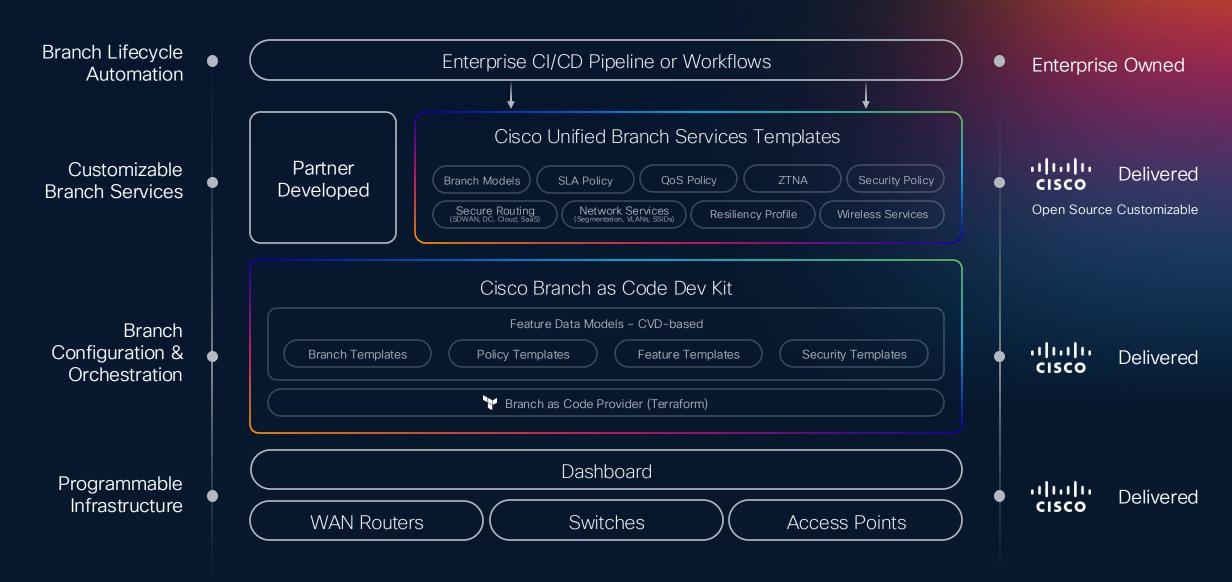
Scalable devices ready for Al



Security fused into the network



Introducing Unified Branch: Platform led Secure Networking Architecture



Unified Branch-as-Code Workflow

how built-in.



Request configuration

changes just like you

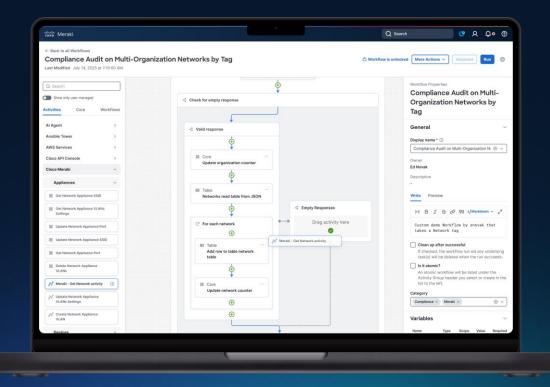
manage source code.



Introducing Workflows for Cisco Networking

Al-ready network automation

Low code/no code free automation tool integrated within the Meraki Dashboard



Cloud-Hosted Automation Drag and Drop Creation / Editing Custom and Pre-Built

For Cisco & Third-Party Domains



Network automation for Cisco and third-party applications



Automate tasks across Catalyst Center and SD-WAN, Meraki, ISE, ACI, Nexus, and more.

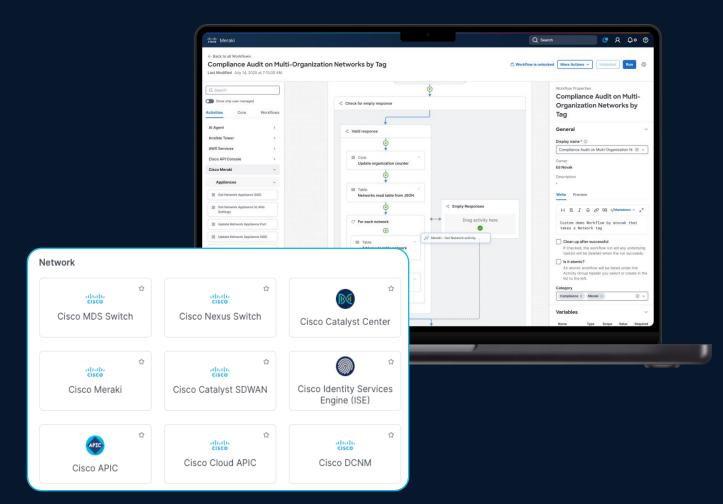


Integrate third-party applications such as ServiceNow and Jira with Cisco domains.



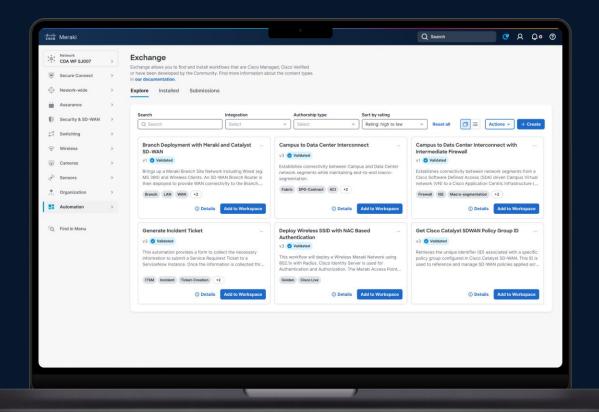
Connect cloud and onpremise controllers to extend automation across the Cisco portfolio and beyond.

Drag and drop your automation



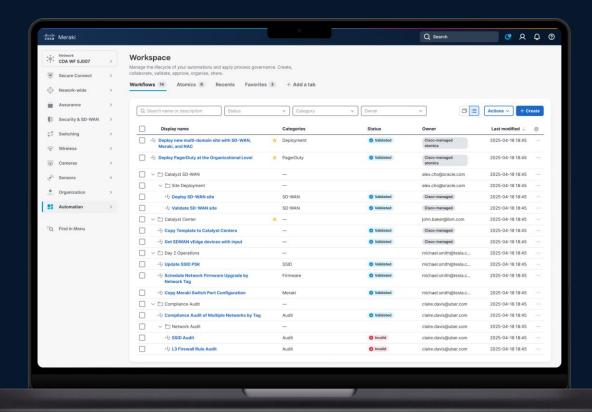
Bring your automation design to life with an intuitive drag-and-drop interface. Adapters provide automation capabilities across the Cisco portfolio. Each adapter contains a range of validated actions that can be automated across respective controllers.

Browse the Exchange



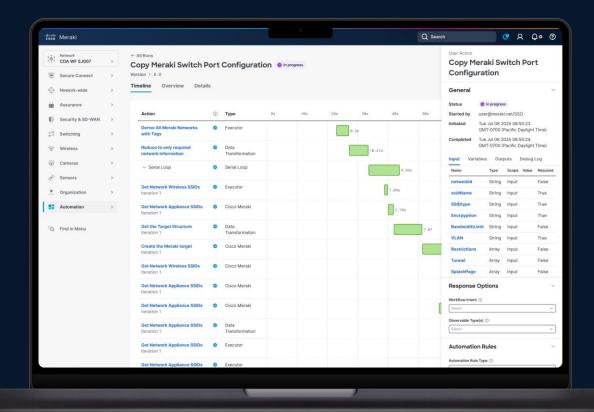
Workflows features an exchange of pre-made automations that solve common use cases. These automations can be run as is or easily customized in the dragand-drop workflow editor. We frequently update our library with new, free automations.

View workflows in one place



Manage the lifecycle and status of your automations in the Cisco Meraki dashboard. Oversee processes and approve, collaborate, and validate parameters all in one place.

Monitor progress for active runs



Get insight into active automations from Workflows in the Automation tab in the Cisco Meraki dashboard. Monitor runs, see statuses, identify targets, troubleshoot errors, and keep logs for compliance and visibility.

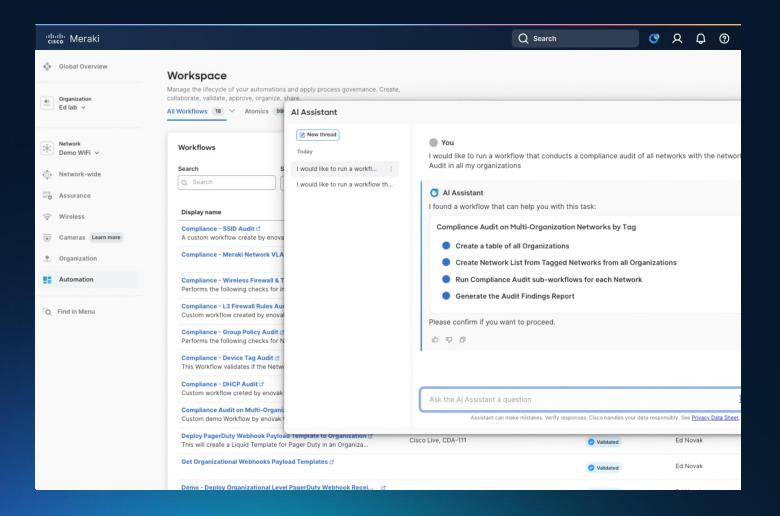
Workflows is fully integrated with Cisco Al Assistant

Leverage built-in Al Assistant integration for agentic operations using natural language

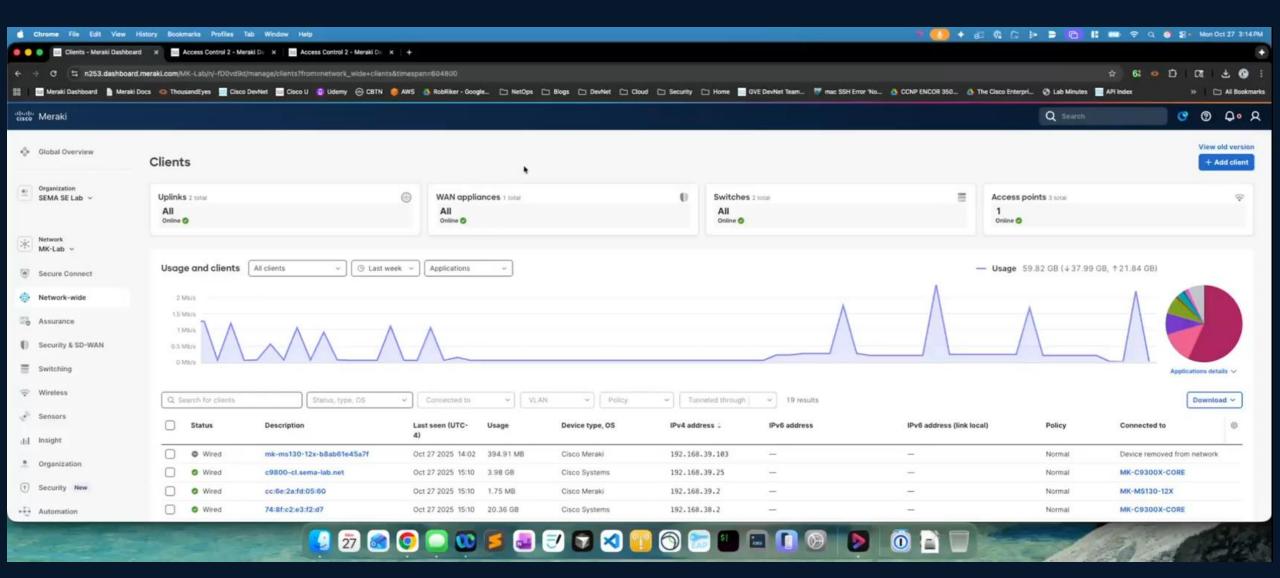
Faster workflow creation

Streamlined operations

Accelerated outcomes





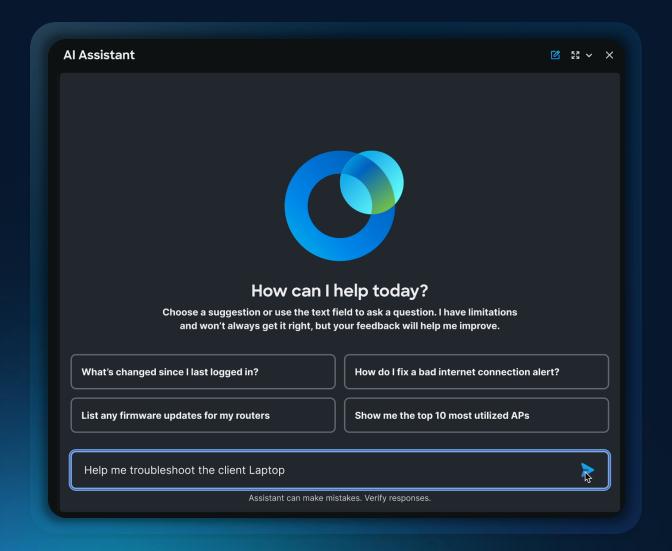


Al Assistant powered RCA and resolution for issues in branch

Finds root cause—not just the alert

Provides full stack visibility

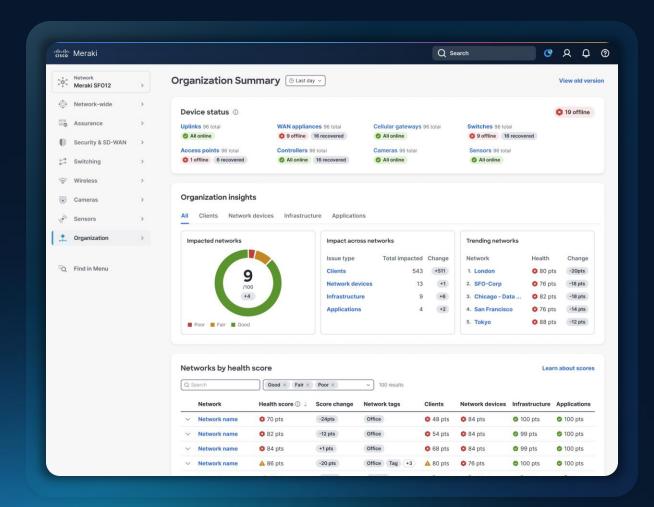
Pinpoints the issue and guides the fix





Unified Management – Catalyst and Meraki, any environment

- Seamless control across cloud, on-prem, or hybrid
- Al-powered automation and assurance
- Granular access policy by user, device or application



Scalable branch devices ready for Al

More throughput to support increased traffic to data center

Advanced embedded NGFW for secure branch connectivity

Post-quantum secure

DevOps style
Branch-as-code for
rapid deployment

Introducing

Secure Routers for the Al-powered unified branch



Cisco 8000 Secure Routers

Cisco 8000 Series Secure Routers for every size location



Small Branch: 8100

4 Variants

IPsec: Up to 1.5 Gbps

SD-WAN: Up to 1 Gbps

Threat Protection:
Up to 1 Gbps



Medium Branch: 8200

2 Variants

IPsec: Up to 5 Gbps

SD-WAN: Up to 4 Gbps

Threat Protection: Up to 2.5 Gbps



Large Branch: 8300

2 Variants

IPsec: Up to 20 Gbps

SD-WAN: Up to 15 Gbps

Threat Protection:
Up to 7 Gbps



Campus: 8400

3 Variants

IPsec: Up to 45 Gbps

SD-WAN: Up to 23 Gbps

Threat Protection: Up to 11 Gbps



Data Center: 8500

2 Variants

IPSec: Up to 45 Gbps

SD-WAN: Up to 23 Gbps

Route Scale up to 8M



Deliver exceptional branch experiences



Cisco Wireless Wi-Fi 7

Smart Wi-Fi 7 access points and cloud-managed switches

Sustainable and energy efficient designs

Make every space smarter



Cloud-managed Switching



Security fused into the network



Security fused into the branch network

Securing users, things, and agents UZTNA/SASE



Securing network access



Securing network connectivity



Securing the device



Cisco eases your journey to a future proof secure branch



*when combined this is known as SASE architecture



SASE: Secure Access integrated with Cisco SD-WAN

Your security strategy for a hyper-distributed world

SASE

Secure SD-WAN

Converged set of cloud networking

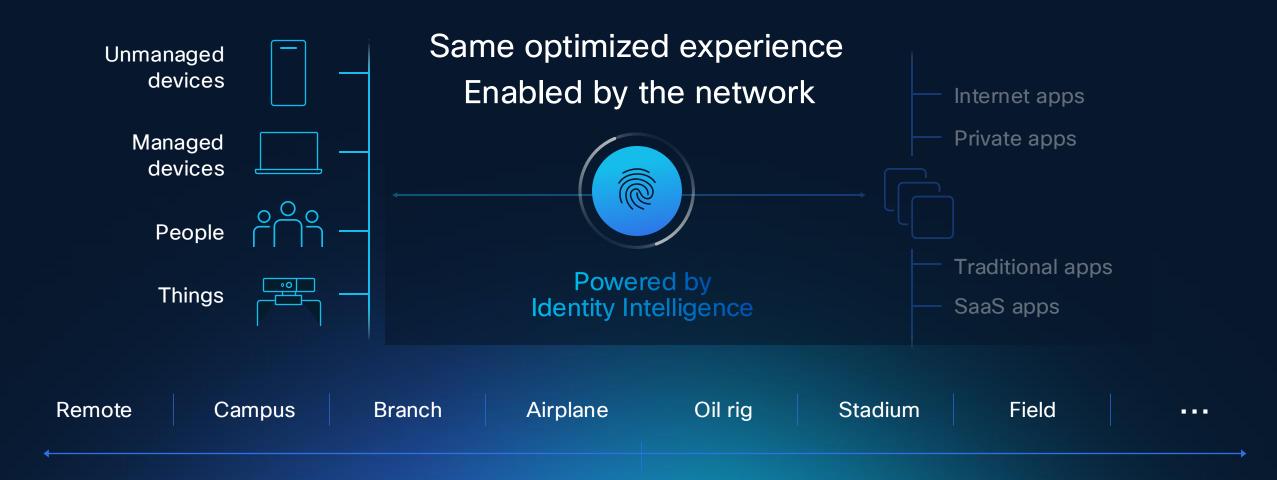


Security Service Edge

Converged set of cloud security

End-to-end Assurance with ThousandEyes

Securing Users, Device access to Apps with Universal ZTNA from Cisco



CISCO Connect

Thank you



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