CISCO Engage | Tech Day Miami

Delivering on the promise of the Secure Campus & Unified Branch for the AI Era

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Alen Kolenovic

Feb 19, 2026, Miami FL

Agenda

1. Introductions
2. AI in the Network
3. Operational Simplicity
4. Operational Assurance
5. Securing the Network
6. Why Wifi 7?
7. Next-Gen Switching
8. Routing Evolution

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Another massive technology disruption

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AI is bringing changes and challenges

1,000s

AI Agents per enterprise expected

#1 risk

AI-enhanced malicious attacks

64%

of orgs face IT skills shortage by 2026

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Is your Campus Network AI ready?

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

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AgenticOps
The New Standard for IT Operations

ALPHA I OCTOBER

AI Canvas

Cross-domain collaborative troubleshooting

CONTROLLED RELEASE I OCTOBER

cisco AI Assistant

AI Assistant

Accelerate network operations

POWERED BY DEEP NETWORK MODEL

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

Catch critical issues **early with AI that sees across the stack.**

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

Troubleshoot faster together with shared context across teams.

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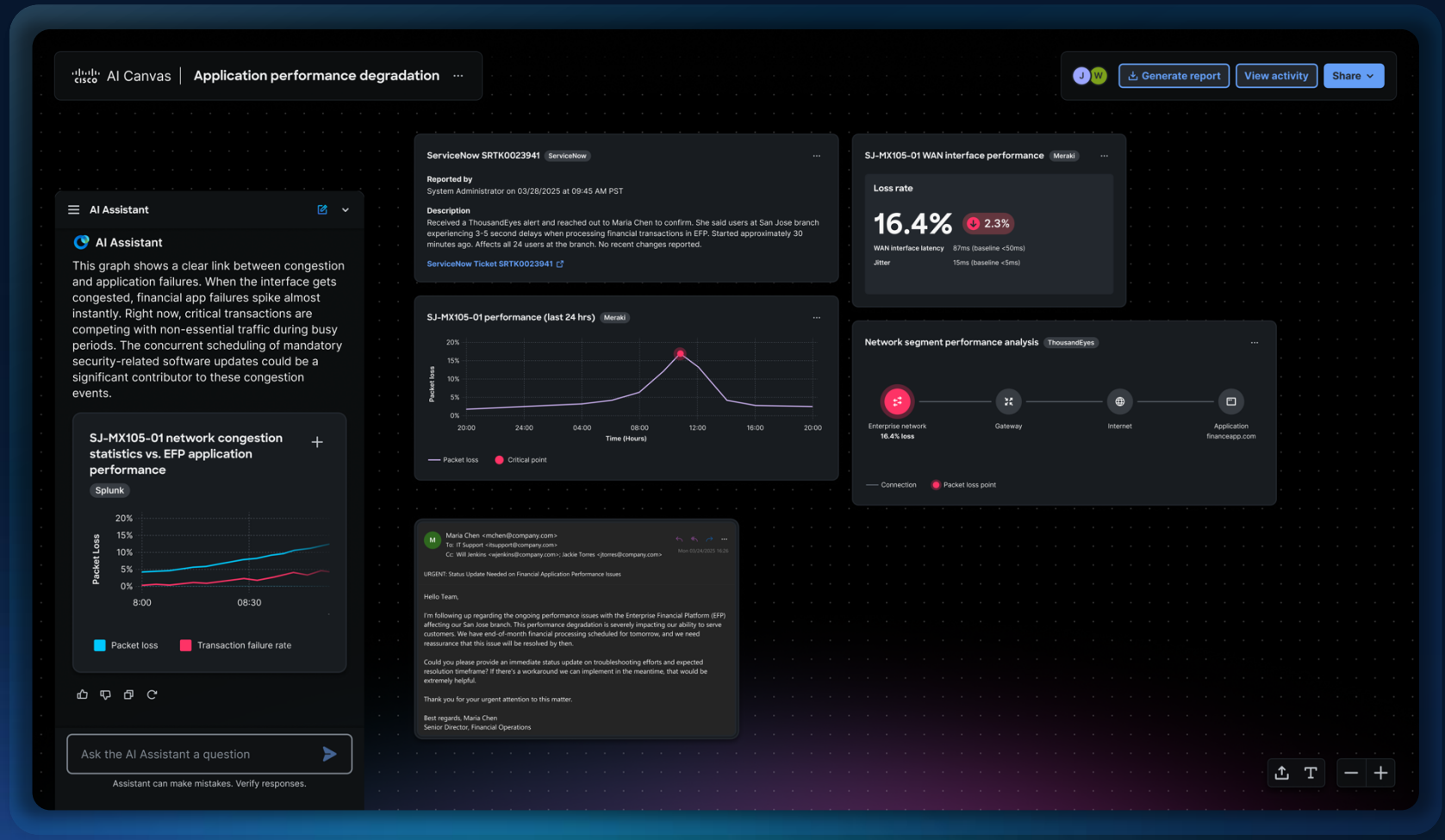
ALPHA | OCTOBER

AI Canvas

- Troubleshooting and execution across multiple domains
- Collaboration across multiple users (NetOps, SecOps and execs)
- Built on the foundation of the Deep Network Model



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Operational Simplicity

Unifying Catalyst & Meraki

Catalyst		Meraki
Catalyst Center	MANAGEMENT	**Meraki Dashboard**
Catalyst License	LICENSE	**Meraki License**
Catalyst Hardware	CISCO HARDWARE	**Meraki Hardware**

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Our unified platform

PLATFORM

Management

Assurance

API / Integrations

Intelligence

HARDWARE

Smart Switches

Secure Routers

Wireless

Industrial IoT

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Flexible management options

Meeting customers where they are

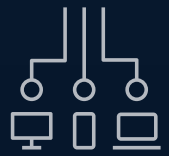
Self Managed

BYO Management

Leverage CLI or 3rd party tools

On-premises or Cloud

Use cases require on-prem delivery, or advanced configuration



SD-WAN Manager & Catalyst Center

Cloud

Prefer cloud-enabled delivery for simplicity

Meraki Dashboard

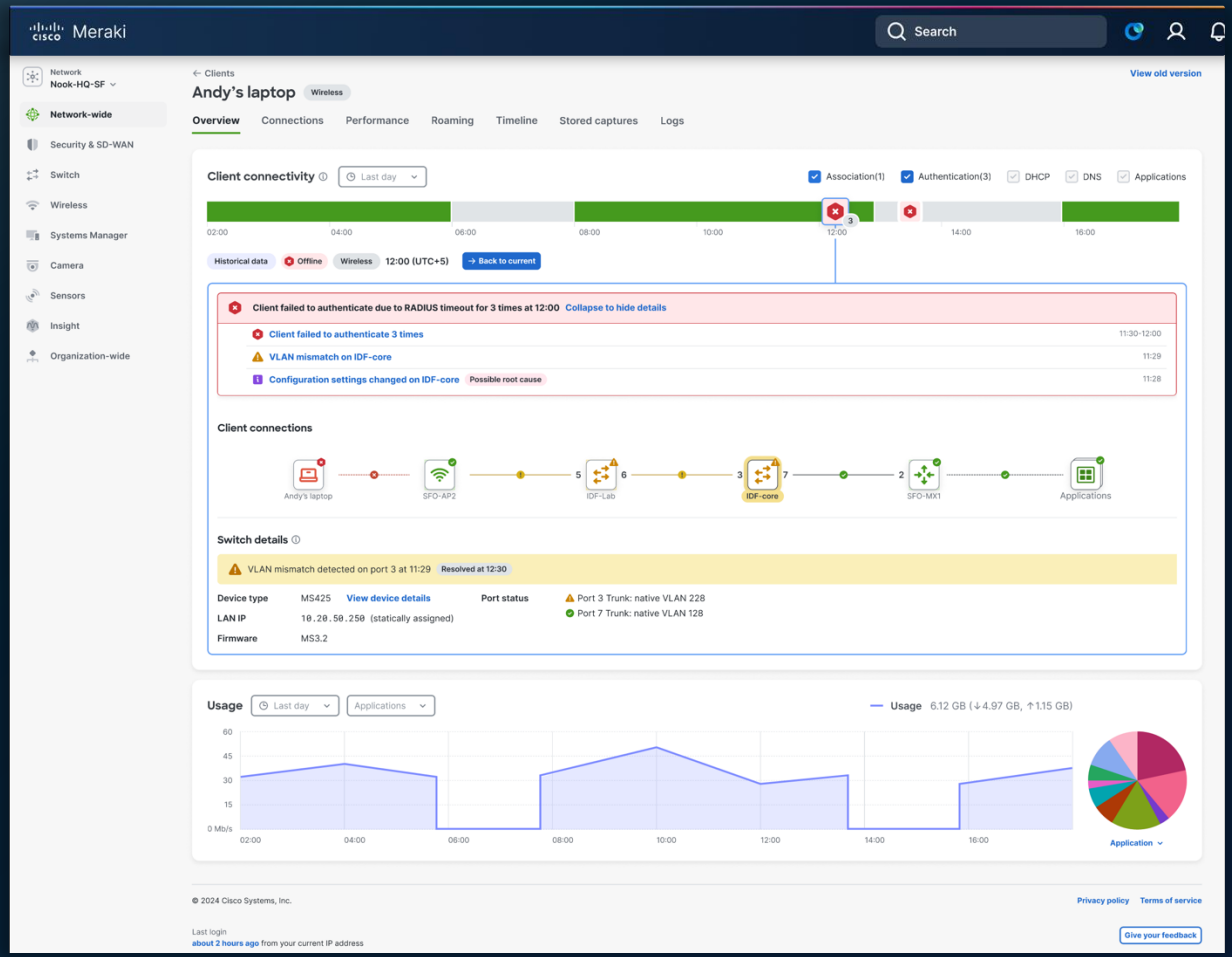
Delivering optimized, simplified experiences for all customers

Operational Assurance

AVAILABLE | NOW

Assurance across every digital experience

- Deep visibility across both owned and unowned networks
- AI-powered insights surface experience-impacting issues instantly
- Closed-loop workflows trigger automated remediation
- AI Assistant accelerates root cause analysis end-to-end



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Predictive path recommendations

Proactive guidance for maintaining network stability

Optimize WAN performance

Generate long-term recommendations for network optimization

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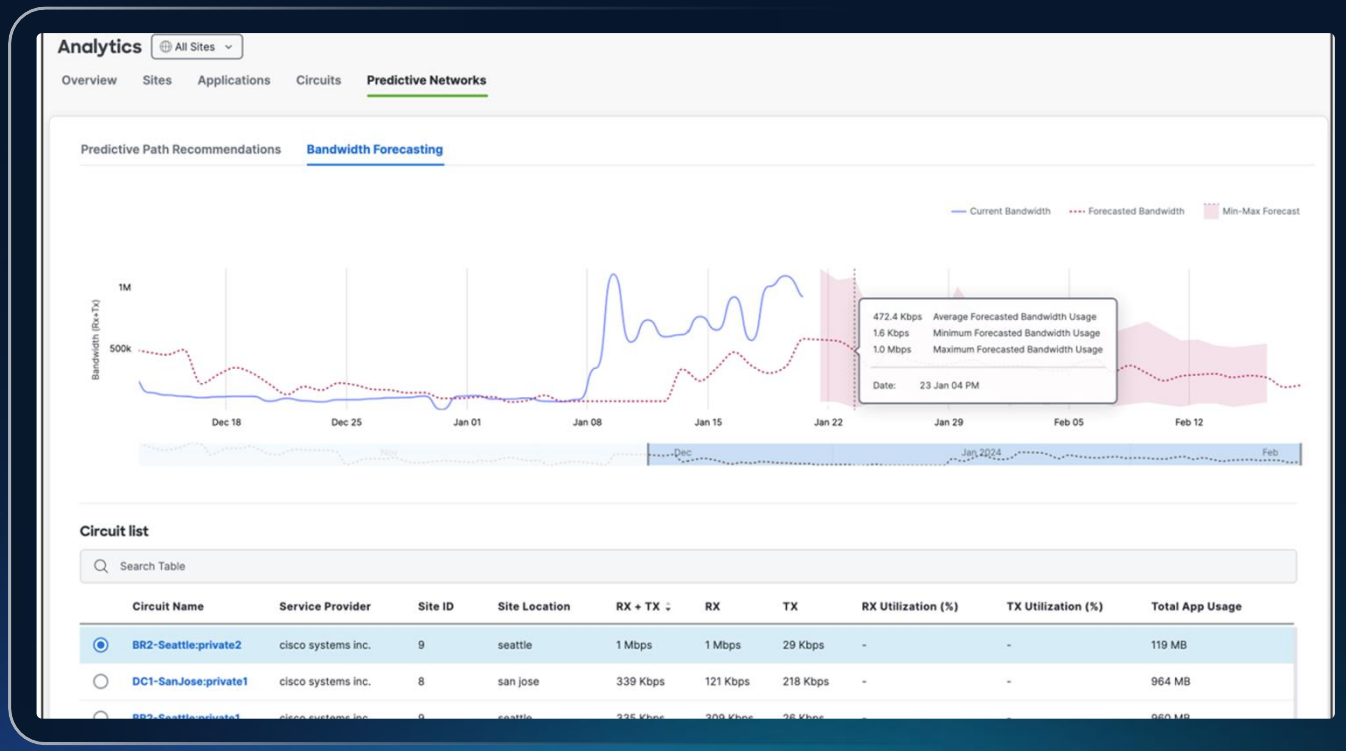
Bandwidth forecasting

Monitor usage trends for capacity planning

Get a better understanding of growth trends, seasonality, surge, min/max band, and performance



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Security fused into the Network

New threats attack networks directly

Attacks on Infrastructure

Exploits like Salt Typhoon that target unpatched software on key infrastructure

Attacks on Encryption

“Harvest now, decrypt later” attacks where encrypted data is extracted and stored, anticipating quantum computing.

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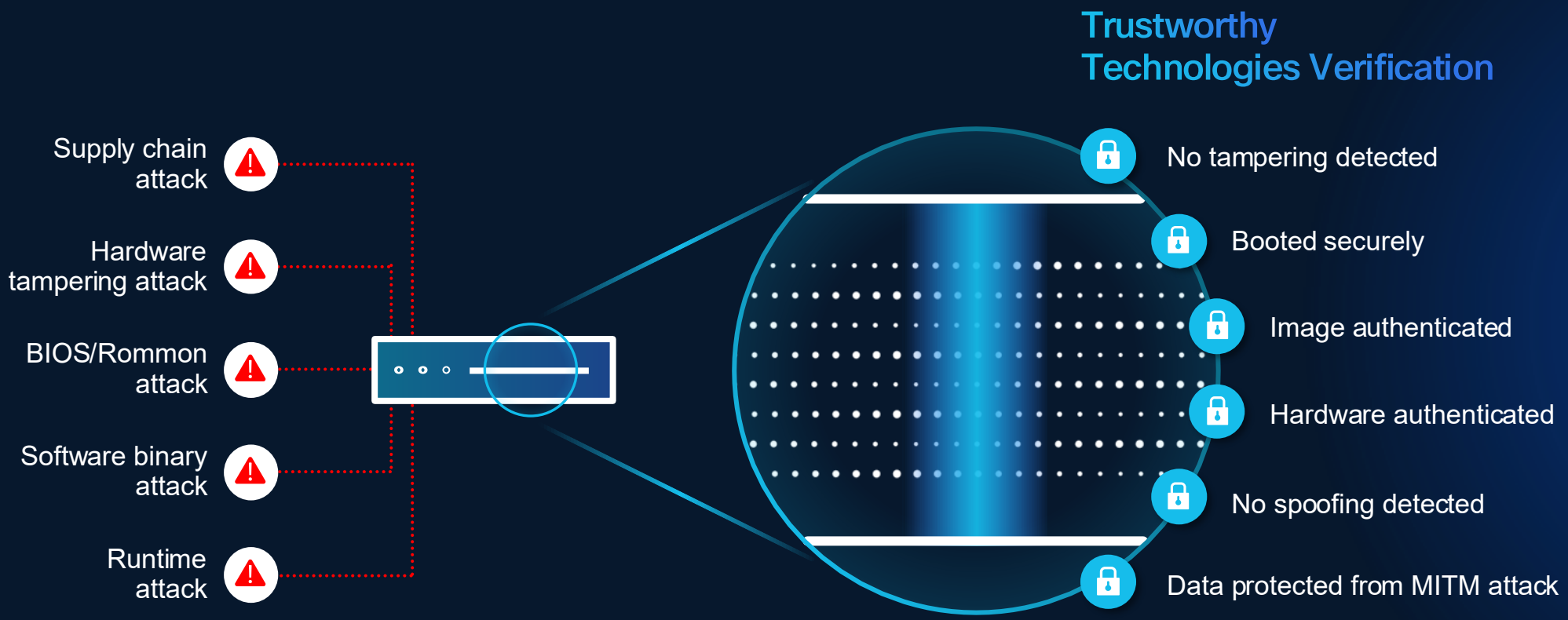
Securing the device

Secure from hardware to software, from boot time to runtime



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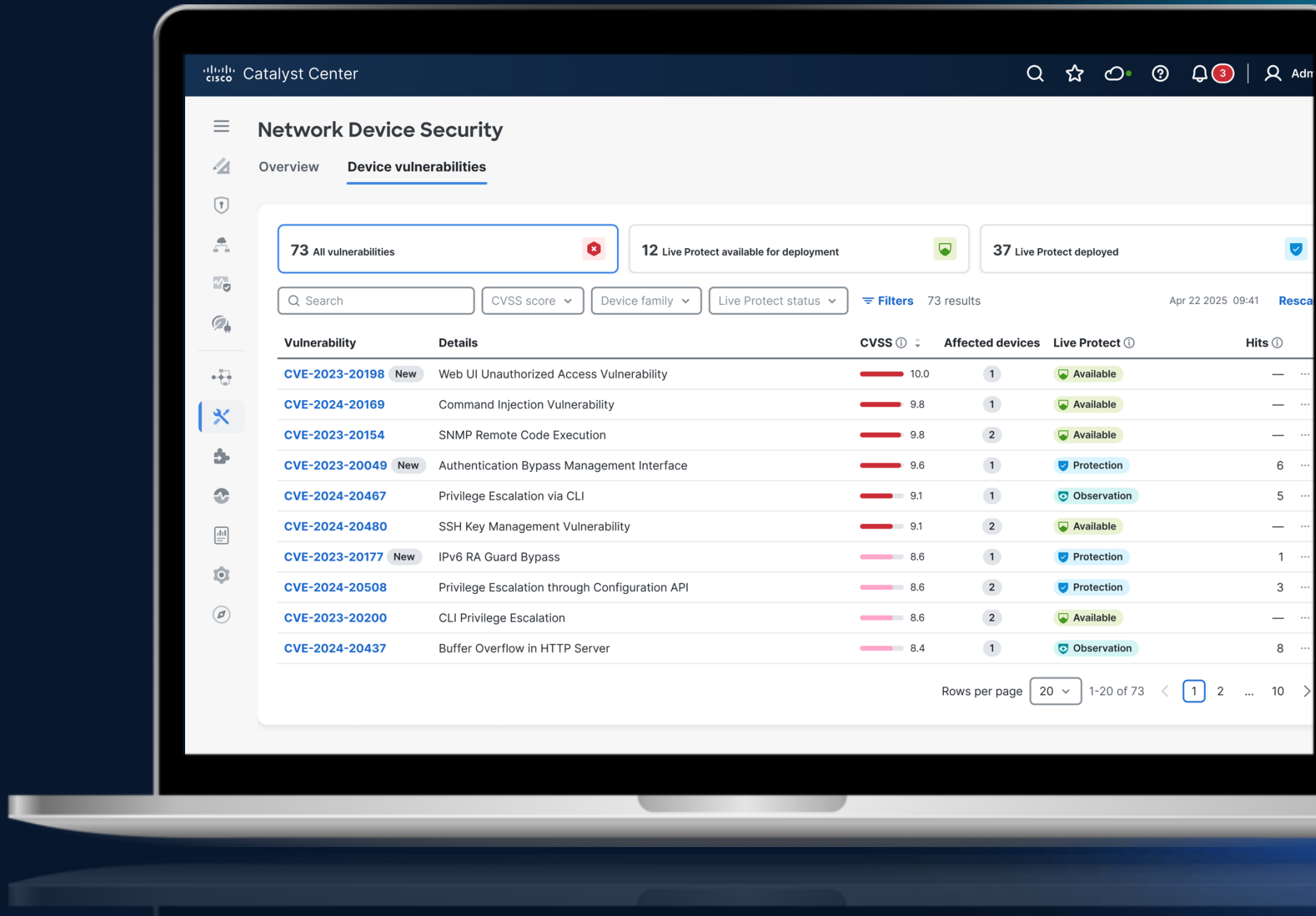
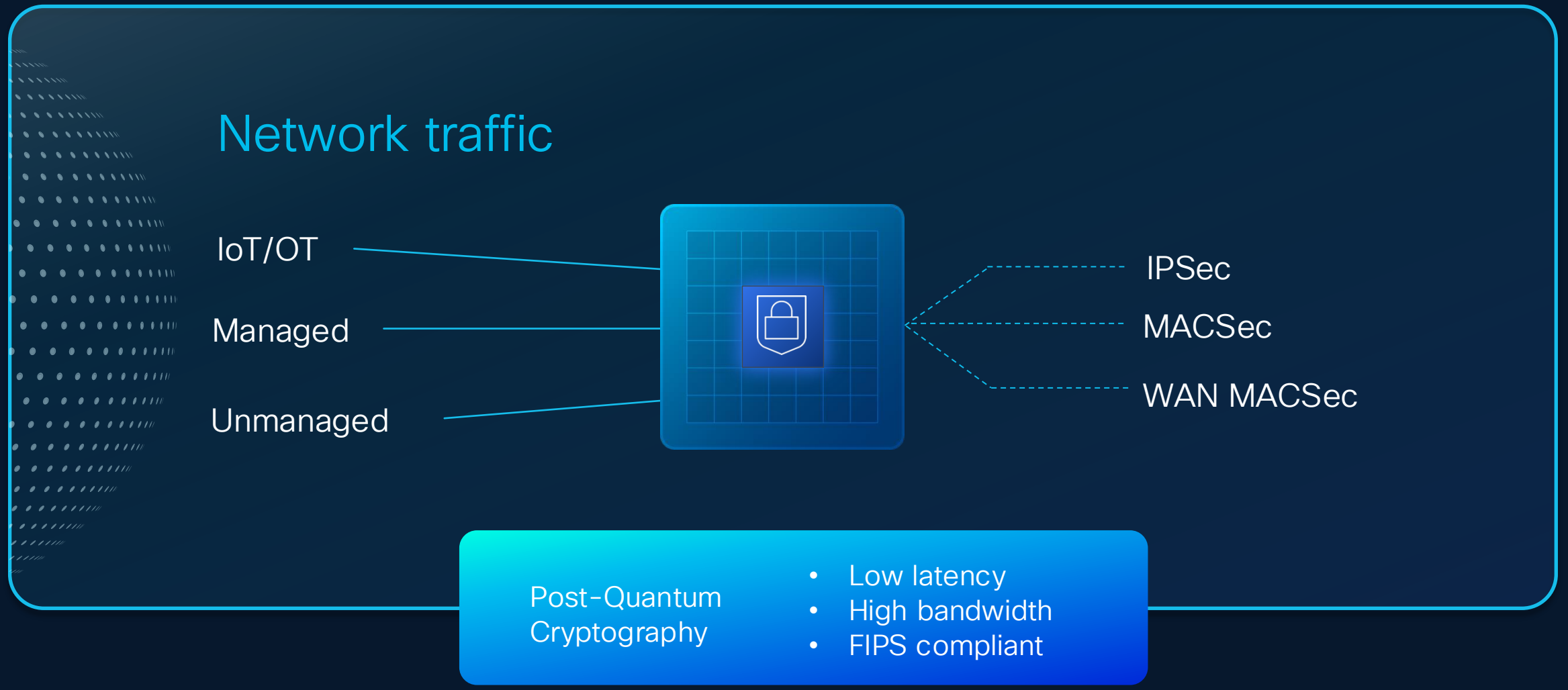
FUTURE

Live Protect

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



Securing network connectivity



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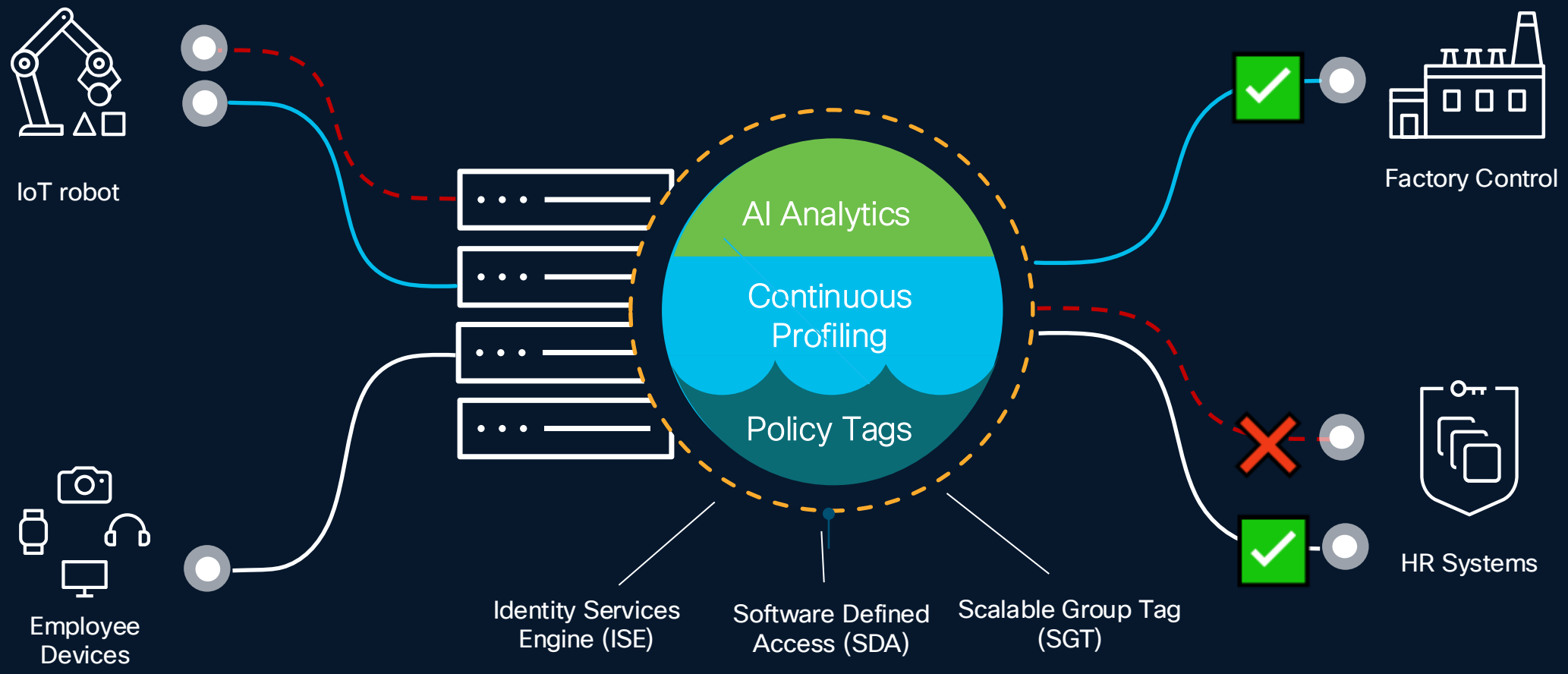
Securing network access

Scalable microsegmentation to protect every connection



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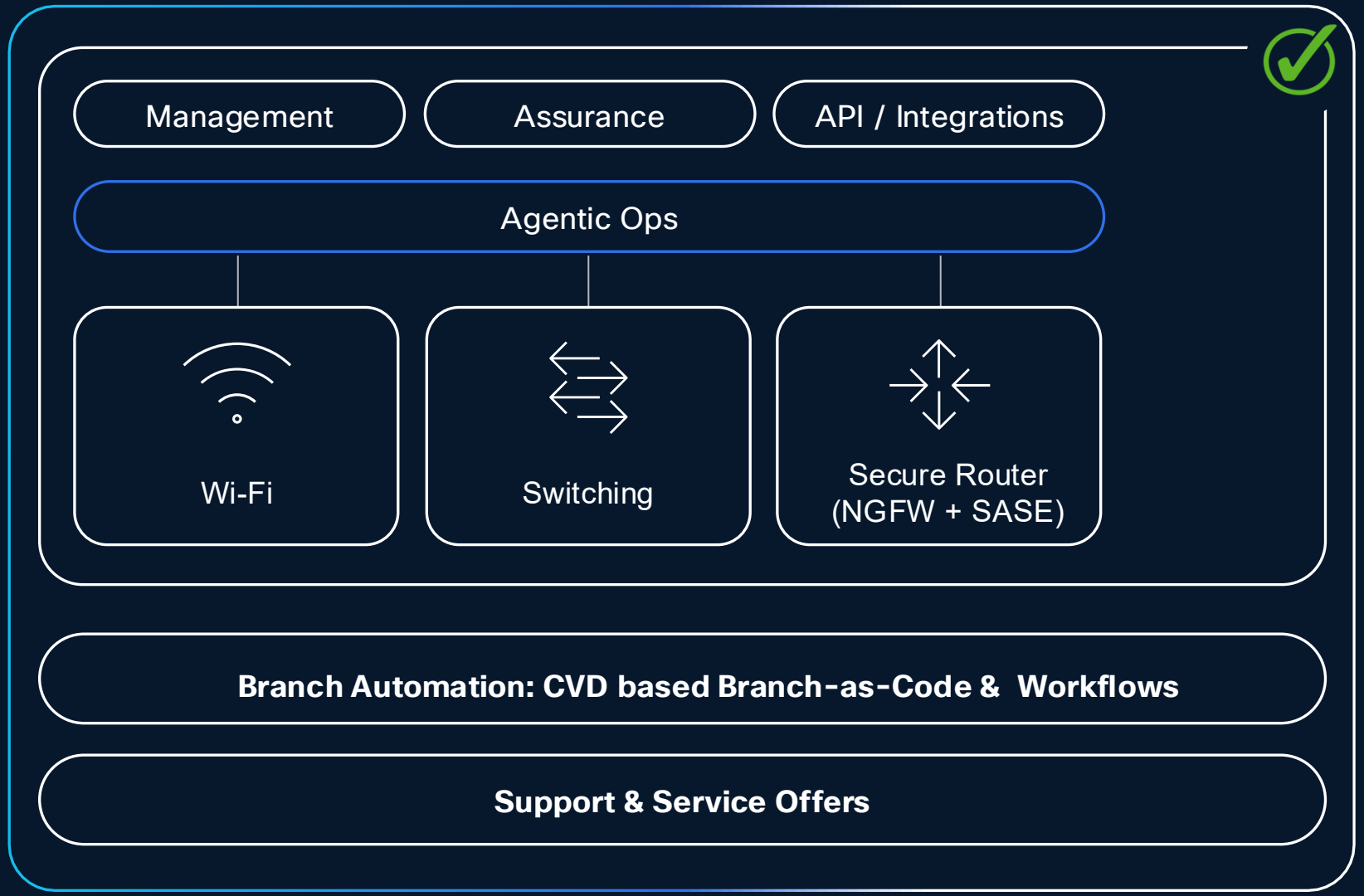
NetOps

Introducing Unified Branch: Platform led Secure Networking Architecture



Full stack + platform led architecture: Secure WAN services, Switching and Wi-Fi

ThousandEyes - proactive, end-to-end visibility, performance insights, and assurance.

New automation toolkit - Branch as Code and workflows -prebuilt data model and automation to deploy Branch at scale.

Cisco Validated Design - recommend and tested branch designs for reliable & resilient operation.

Aligned Support & Service offers
Enhanced support for Unified Branch streamlines & enhances customer care

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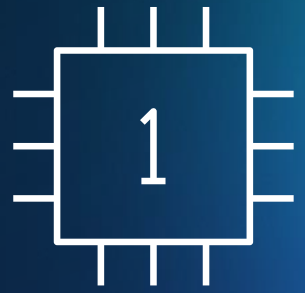
Scalable devices ready for AI



What technologies make up the Next-Gen Network?

Catalyst Center | Meraki Dashboard

Wi-Fi

Wi-Fi 7
Wireless Controllers
Campus Gateway

Switching

Cisco Catalyst
Cisco Meraki
Cisco Smart Switches

Routing

Cisco Secure Routers
Cisco Catalyst 8000

ThousandEyes

Medium
Large

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WiFi 7 in 2026

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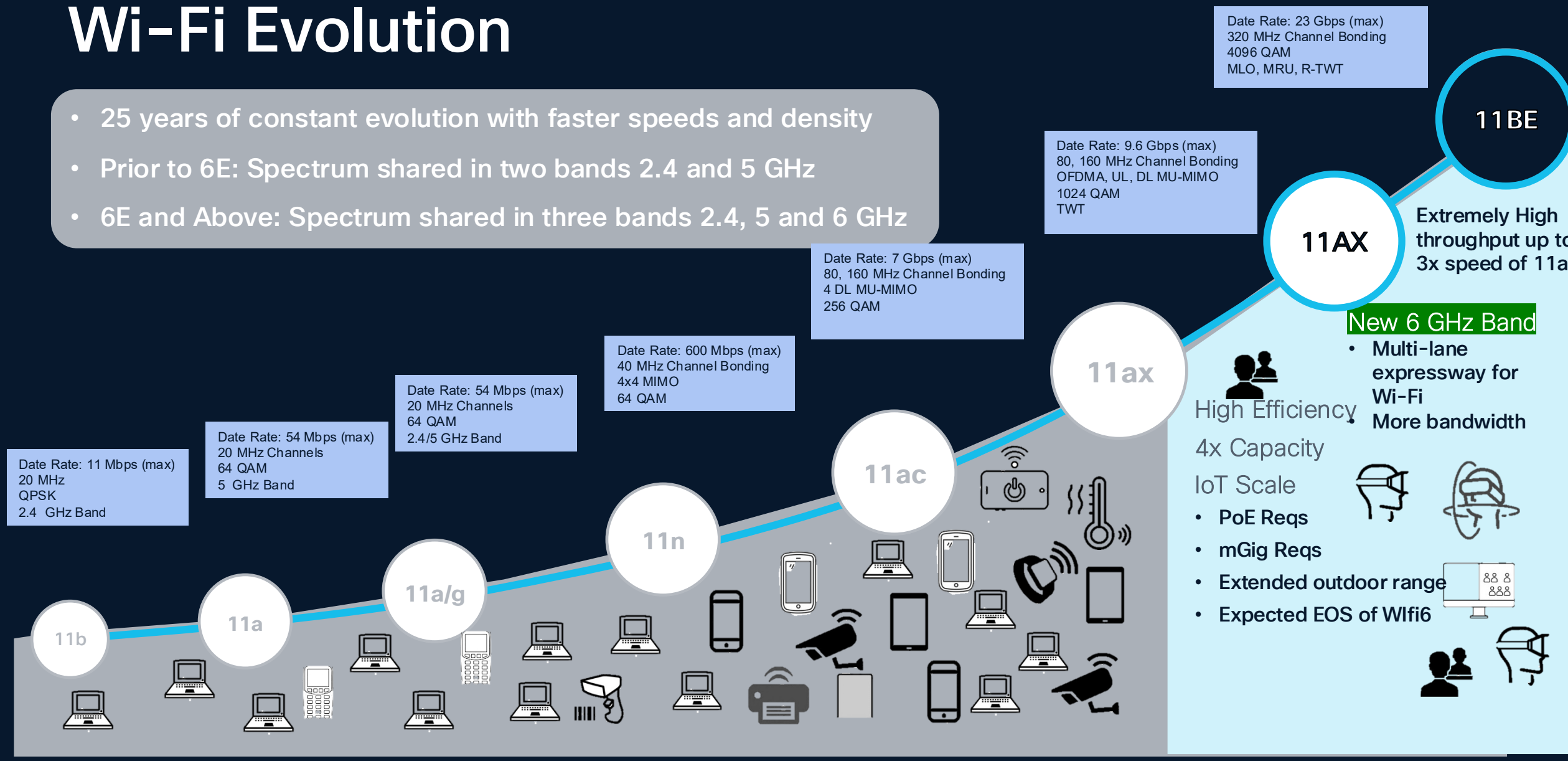
Wi-Fi Evolution

- 25 years of constant evolution with faster speeds and density
- Prior to 6E: Spectrum shared in two bands 2.4 and 5 GHz
- 6E and Above: Spectrum shared in three bands 2.4, 5 and 6 GHz



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Recap of Power Over Ethernet Standards

Spec	Known as	Class	Min PSE Output Power	Min PD Input Power
Type 1 IEEE 802.3af	PoE	Class 1	4 W	3.84 W
		Class 2	7 W	6.49 W
		Class 3	15.4 W	12.95 W
Type 2 IEEE 802.3at	PoE +	Class 4	**30 W**	25.5 W
Type 3 IEEE 802.3bt	PoE++, Cisco UPOE	Class 5	45 W	40 W
		Class 6	60 W	**51 W**
Type 4 IEEE 802.3bt	Cisco UPOE+	Class 7	75 W	62 W
		Class 8	**90 W**	71.3 W

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Wi-Fi 7 – 320 MHz Channel Width

United States
Canada
S Korea
1200 MHz

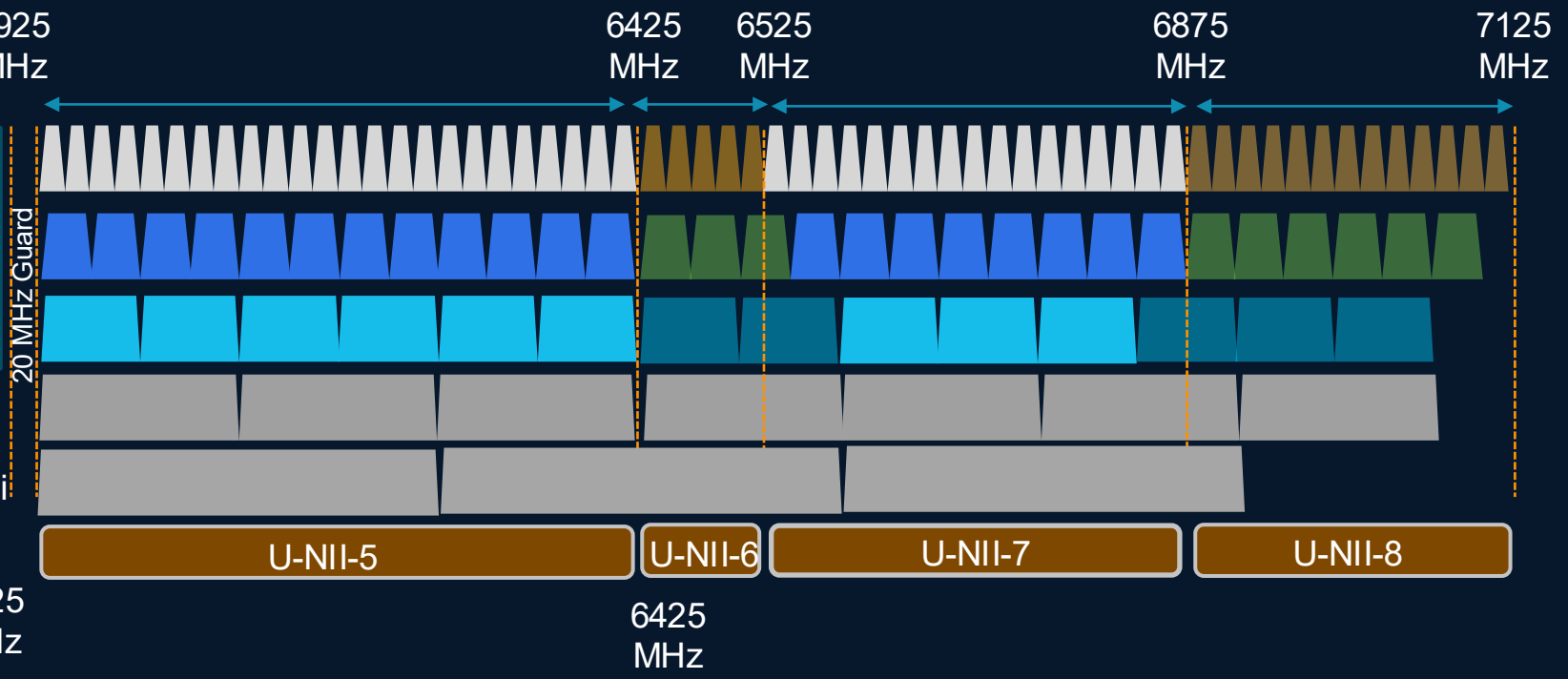
59 x 20 MHz channels

29 x 40 MHz channels

14 x 80 MHz channels

7 x 160 MHz channels

3 x 320 MHz channels LPi



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Wi-Fi 7 – Multilink (MLO)

Method	Benefit
Aggregation	Throughput
Steering	Lower Latency
Redundancy	Reliability

MLD: Multi Link Device

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Wi-Fi 7 Full Portfolio

Wi-Fi 7 for every operational scale

CW9172H

6 Spatial Streams

Dorm Rooms, Hospitality

CW9174E

8/10 Spatial Streams

External antennas

NEW!

CW9176D1

12 Spatial Streams

Integrated Directional

UWB

CW9179F

16 Spatial Streams

LPV/Stadium

CW9171I

4 Spatial Streams

Omnidirectional

NEW!

CW9172I

6 Spatial Streams

Omnidirectional

CW9174I

8/10 Spatial Streams

Omnidirectional

NEW!

CW9176I

12 Spatial Streams

Omnidirectional

UWB

CW9178I

16 Spatial Streams

Omnidirectional

UWB

Wi-Fi 7 | Global Use AP | Unified License | AI Optimized

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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

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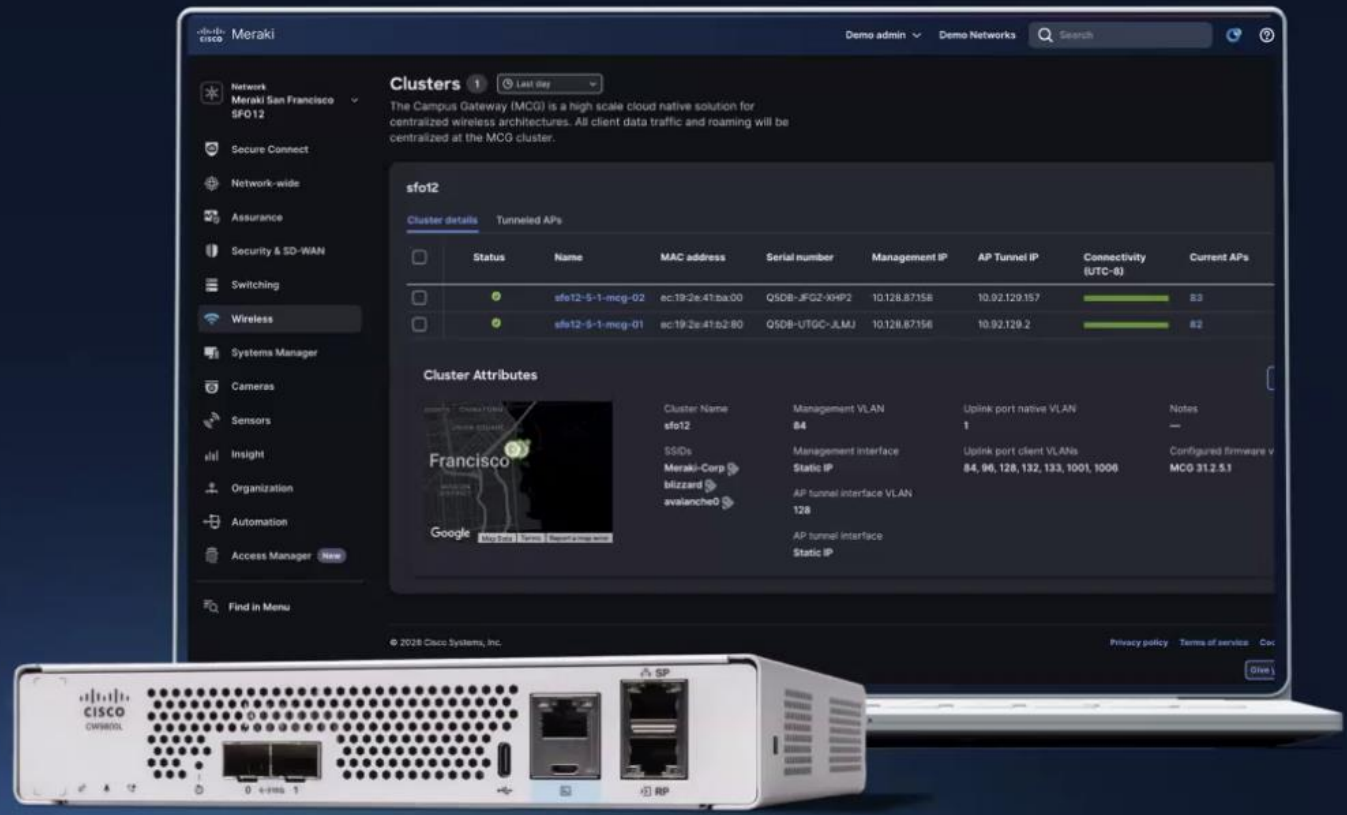
NDA

New Campus Gateway

Expanding cloud flexibility for every campus size

Orderable Mar 2026

- More choices for every campus size, with now options for medium and growing sites
- Seamless roaming for up to 10,000 clients and 500 APs across buildings
- Easy cloud management without redesigning your existing LAN



CW9800L-MCG

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Single access point to connect end users and industrial AI

Highly resilient, always-on connectivity

Ultra-low latency and high reliability

Introducing

Wi-Fi + Ultra-Reliable Wireless Backhaul

AVAILABLE JUNE 2025

Cisco IW9165 | Cisco IW9167

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Wi-Fi 7 – The Network For – Smart Spaces

HW Foundation

1. Super Charge Your Buildings

HIGH SPEED

MASSIVE CAPACITY

ULTRA LOW LATENCY

OUTCOMES READY

With
Cisco Wi-Fi 7 Access Points
as the foundation

SW Platform

2. Turn them into Smart Spaces

With
Cisco Spaces
Part of Cisco Networking Cloud

Outcomes

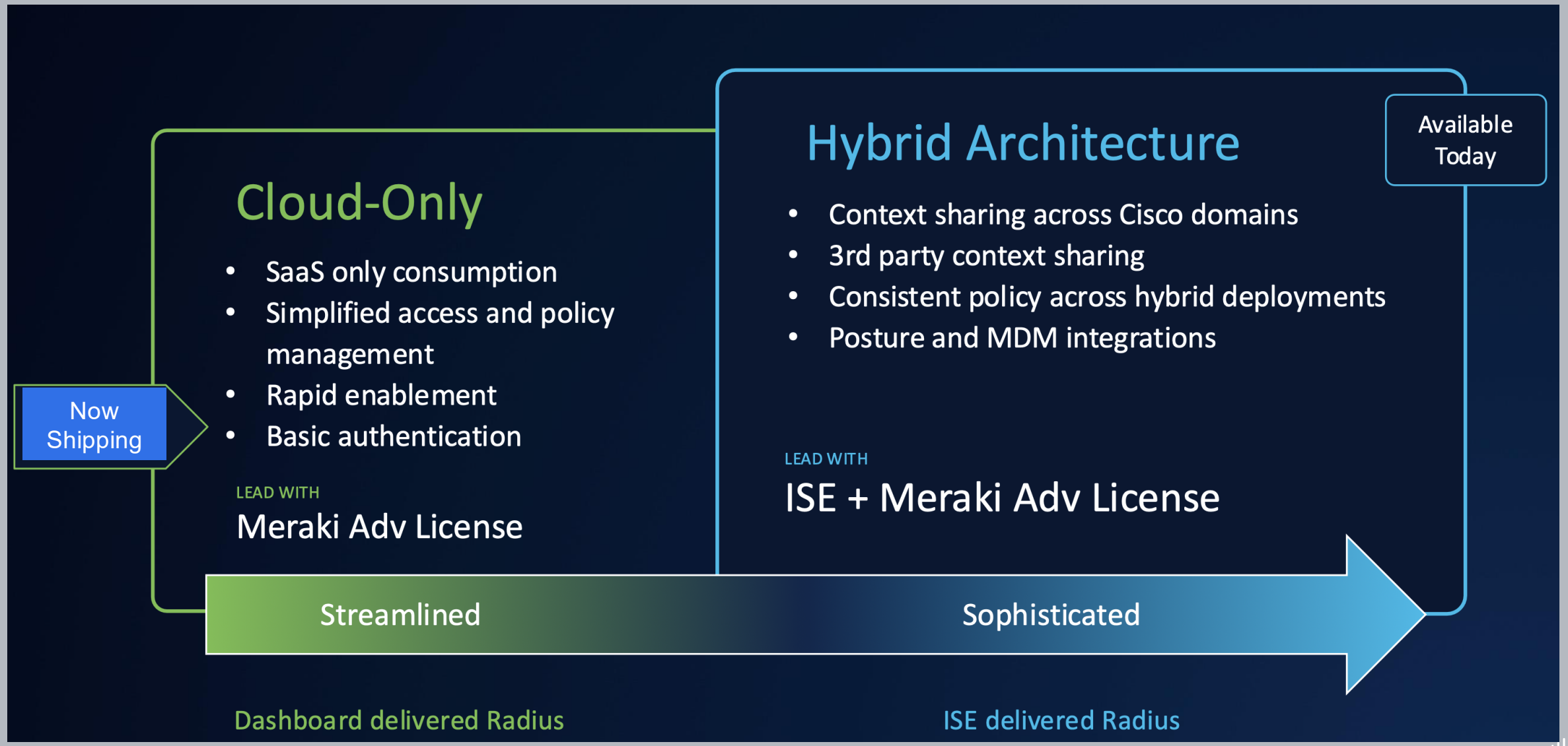
3. Deliver Unmatched Experiences

With
NG Smart Spaces Apps
Native & Partner

Ultra Wide-Band (UWB) Overview

- Dedicated UWB hardware in CW9178 and CW9176 Wi-Fi 7 APs
- High frequency, short range
  - UWB Channel 9: 7.737-8.237GHz (500MHz bandwidth)
- Sub-meter accuracy
- Battery efficient in tags and mobile devices
- Enables new use cases and improves accuracy of existing location services use cases

Introducing: Access Manager



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Wireless Cloud Managed / Hybrid Mode

Available Now in Meraki Dashboard for Catalyst and Cisco Wireless Controllers !!!

Single Pane of Glass

Application Visibility

Real-time Health Assurance

Network Topology

Organization Level

- Overview
- Summary
- Summary Report
- Alerts
- Change log
- Wireless LAN Controllers
- Cloud Monitoring Info
- Create Network
- Inventory

Network Level

- Clients
- Maps & Floor Plans
- Topology
- Add Devices

- Wireless Overview
- Access Points List
- Access Points Connections
- Access Points Map
- Wireless LAN Controllers

Detail Level

- Client Detail
  - Overview
  - Connections
  - Performance
  - Roaming
  - Timeline
- Controller Detail
  - Summary
  - Ports
  - Redundancy
  - APs
  - Tools (show CLI)
- AP Detail
  - Summary
  - Location
  - Connections

Already In Early Access

Cloud CLI for WLCs

Now Available on Meraki Dashboard

Additional model support:

- 9800-CL (July 25) — Private Beta Q4 FY '25
- Wi-Fi 7 APs Support (July 25)
- CW9800H1/H2, CW9800M (July 25)

Upcoming Features:

- AP Live Tools (July 25)
- WebUI Launch from Dashboard (July 25)

and more, including:

- Packet Capture
- Config History
- Image Upgrade

Next-Gen Switching

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High-performance, low latency

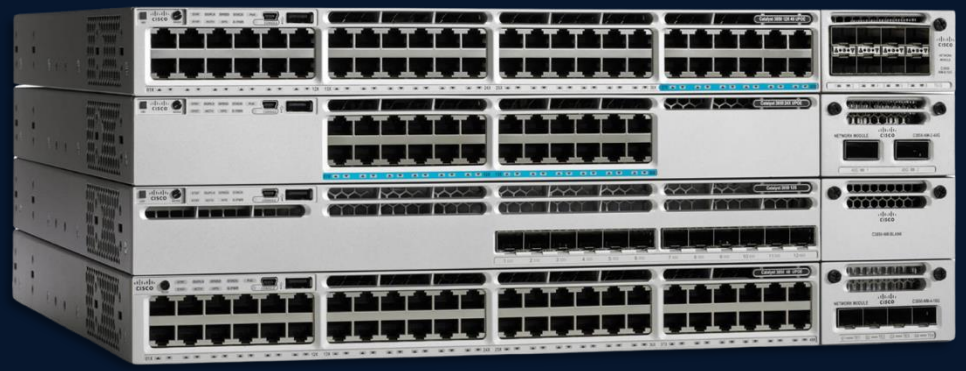
Cisco Silicon One + co-processor for security and AI

Post-quantum secure

Intelligent energy efficiency

Introducing

Smart Switches for the AI-powered campus



Cisco C9350 & C9610 Smart Switches

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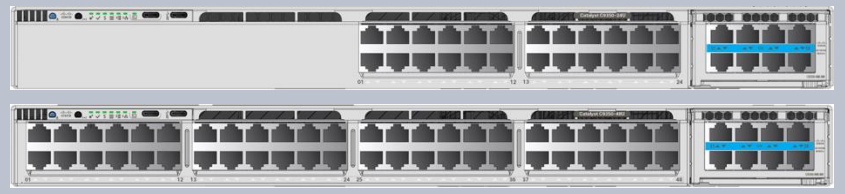
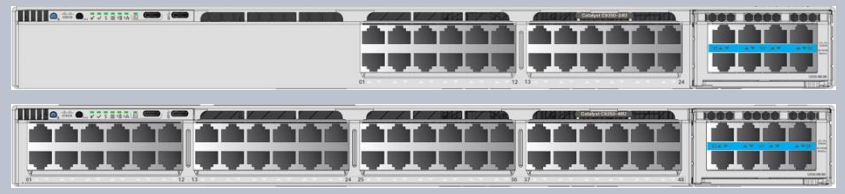
Cisco 9350 Series

Portfolio

Gigabit SKUs



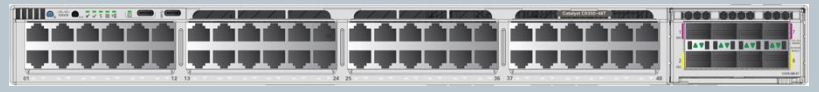
C9350-24P/48P
24/48x 1G/100M/10M copper
30W PoE+



C9350-24U/48U
24/48x 1G/100M/10M copper
60W UPoE

C9350-24T/48T
24/48x 1G/100M/10M copper
Data only

C9350-48HX
48x 10G mGig
90W UPOE+



C9350-48TX
24/48x 10G mGig
Data only

MultiGigabit SKUs

Modular Uplink 50G at access

C9350-NM-4C
4x40/100G

C9350-NM-2C
2x40/100G

C9350-NM-8Y
8x10/25G or 4x50G

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Note: Uplinks/PSU's/Stack Cables are not backward compatible with C9300(X) series

Cisco 9350- Capabilities

Access features for every need - no customer left behind

C9300 – Modular Uplinks

- 24x mGiG
- 48x 60W UPOE
- 480G Stack
- 1/10/25/40G Uplinks
- Fabric Edge
- HW MACsec
- App Hosting
- AVNU/AVID Certified

C9300L – Fixed Uplinks

- 1G & 24x mGiG
- 48x 60W UPOE
- 360G Stack
- 1/10/40G Uplinks
- Fixed Uplinks
- Shallow depth
- NEBS L3 certified

C9300X – Modular Uplinks

- 36x 10G mGig
- 32x 90W UPOE+
- 1T Stacking
- 25G & 100G Uplinks
- Fabric Edge & Border
- HW MACsec & IPsec
- 2x App hosting
- Time Sensitive Networking

Cisco 9350 – Modular Uplinks

- 48 x 10G mGig
- UPOE+(48*90W)
- 1.6T Stacking
- 25/50G & 100G Uplinks
- Advanced QOS
- Deep buffers
- 2x App hosting
- Sustainable

- Dense feature scale
- Baseline L2/L3 deployments
- Fabric
- XDR/Analytics
- HW IPsec
- HW MACsec
- Time Sensitive Networking

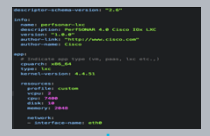
Unified Experience: On-Premises or Cloud-Managed

© 2

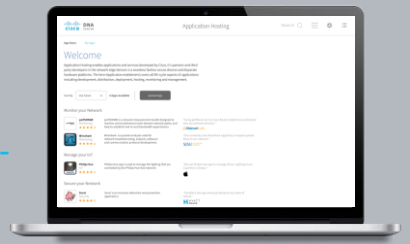
AI-ready Cisco C9000 Switches

Introducing the era of Agentic AI

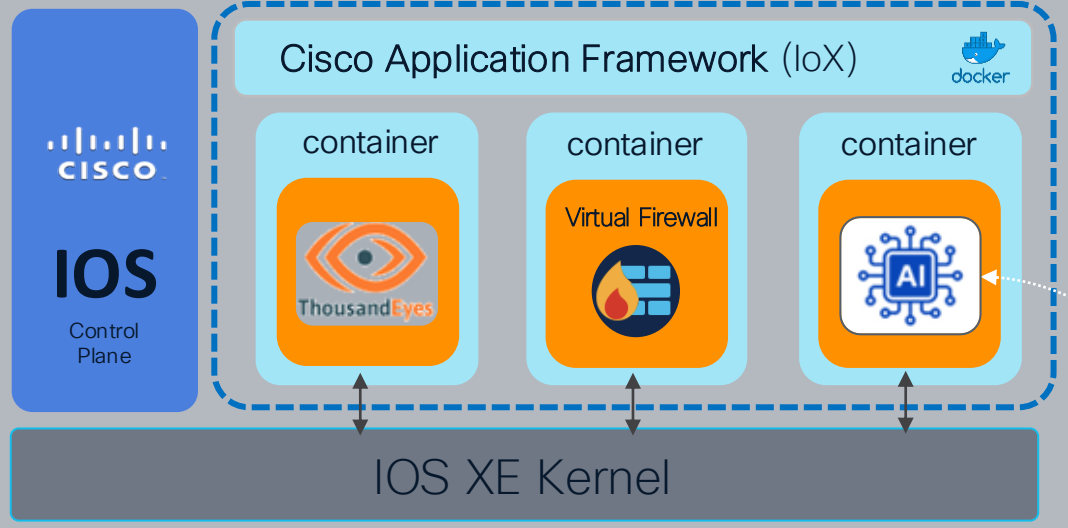
IOSXE CLI

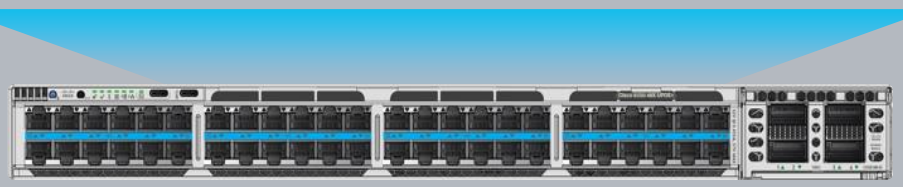


YANG



Catalyst Center

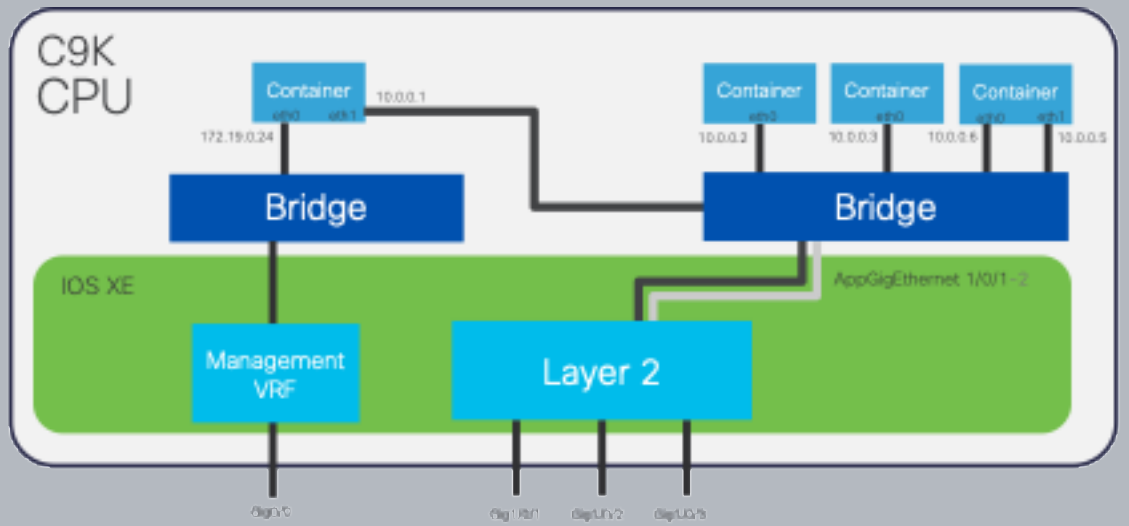


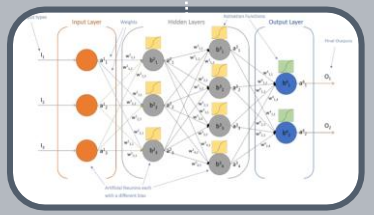


Coming Soon – POC Only

DEVNET Ecosystem Exchange

- Cisco-Signed Apps supported on local Flash – no SSD required
- Multiple-App deployment (same switch) for Cisco-Signed Apps
- Deploy local AI Agents directly on Cisco 9000 Smart Switches





Local SLM Agent

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Choose the right Access Switch for legacy Migration

Low to medium scale

Cost focus – 9300/L (Gen1)

- **8K IPv4 or 4K IPv6 routes**
- Best performance for price
- 32,000 MACs
- 32,000 /32 host routes
- **4,000 ACE entries**
- **Mature & Feature optimized**

Medium to high scale

Feature focus – 9300X (Gen2)

- **16K IPv4 or 8K IPv6 routes**
- Balances scale & performance
- 32,000 MACs
- 32,000 /32 host routes
- **8,000 ACE entries**
- **Mature & Feature optimized**

Very high scale

Scale focus – 9350 (Gen3)

- **256K IPv4 or 128K IPv6 routes**
- Max 10G down + 90W UPOE
- **64,000 MACs**
- **96,000 /32 host routes**
- **32,000 ACE entries**
- **HW-ready for all C3K features**

No plans to EoS/EoL the UADP 2.0 powered Catalyst 9300

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Unparalleled density, speed, and security

Backward compatible chassis with front to back airflow

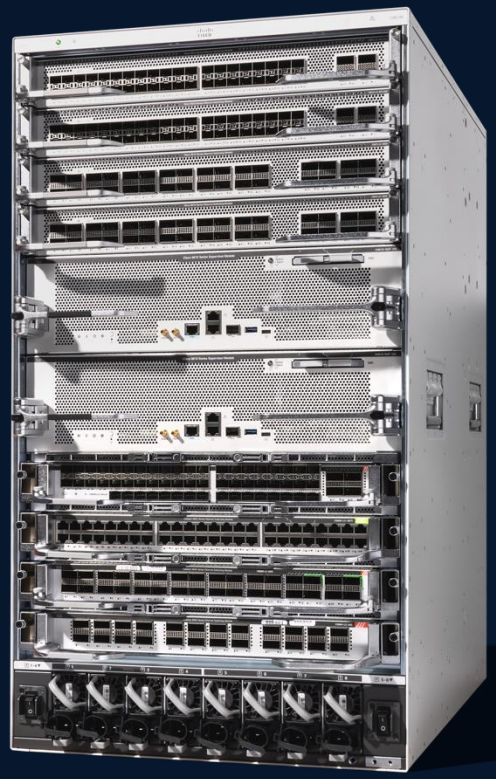
Powered by Cisco Silicon One

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

Entirely modular and upgradable system

Introducing

Smart Switches for the AI-powered campus



AVAILABLE JUNE 2025

Cisco C9610 Modular Core Smart Switches

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Introducing C9610

Generation 3 modular core

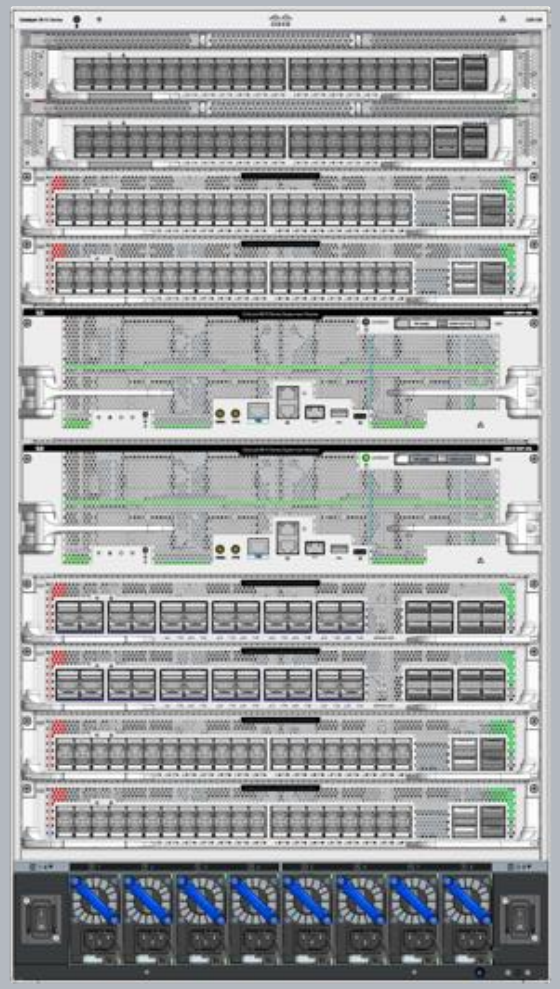
Gen 3 Supervisors

C9610-SUP3

C9610-SUP3XL

- 2M IPv4/1M IPv6
- 3.2 Tbps per slot
- 512K hosts or clients*
- 32G DDR4 memory
- 256K ACL entries*
- 8 core X86 CPU @2.0 Ghz

Gen 3 Chassis



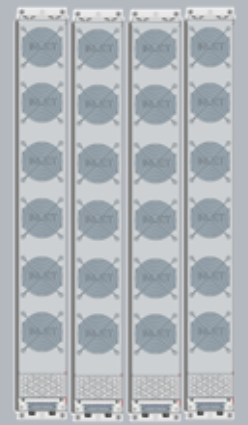
C9610

- 8-line card slots (1.25 RU)
- 2 supervisor slots (dedicated) (2.5 RU)
- 51.2 Tbps System Bandwidth
- Four serviceable fan trays in rear side
- Blue Beacons (system/fan tray, sup, line cards)
- Modular power supplies

Gen 3 Line cards

C9610-LC-32CD

C9610-LC-40YL4CD



4x FAN Trays

With front to back airflow

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*Hardware Capable

Introducing

Smart Switches for the Unified Branch

Catalyst 9300L-M

MS 130/130R

Catalyst 9200L-M

MS150

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AVAILABLE AUG 19

Introducing

Cisco Catalyst 9200L-M

Day 0 simplicity with out of box cloud management

Advanced IOS XE features supported from cloud

24/48 port options, PoE+, 10G mGig, 25GbE fixed uplinks, and StackWise-80

30W per port MAX

Cloud-managed access switch for flexible and resilient branch networking

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cisco

MS 150: Next-Gen Wifi7 Branch Switching

ORDERABLE

- 12 Rack-mountable 24/48 port options
- 5G mGig and 4 x 10G SFP+
- Up to 60W UPoE
- 2 x 80G Stacking, Layer 2+
- Adaptive Policy & Perpetual PoE

Target Markets & Segments

Strengthening our competitive edge;
well positioned with Wi-Fi 7 against cost-competitive market segments

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MS130 and MS130R Compact/Rugged Switching

MS130
indoor switches
8, 12, 24, & 48 Port Options

Meraki dashboard

Reliable connectivity and security for all your environments

MS130R
ruggedized switch

Boost throughput with cost-effective **mGig** options

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

Extend your network to ruggedized environments

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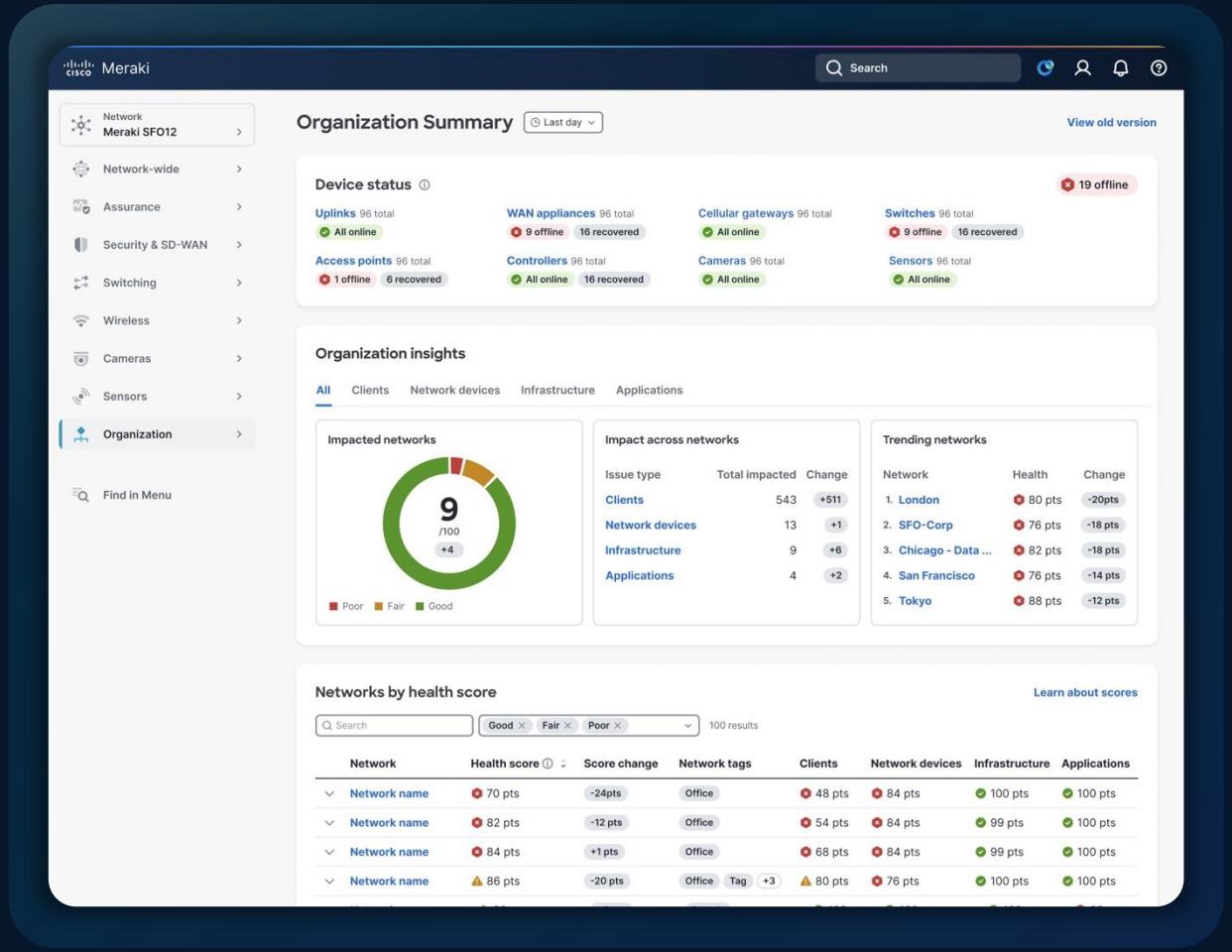
Unified Management – Catalyst and Meraki, any environment

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



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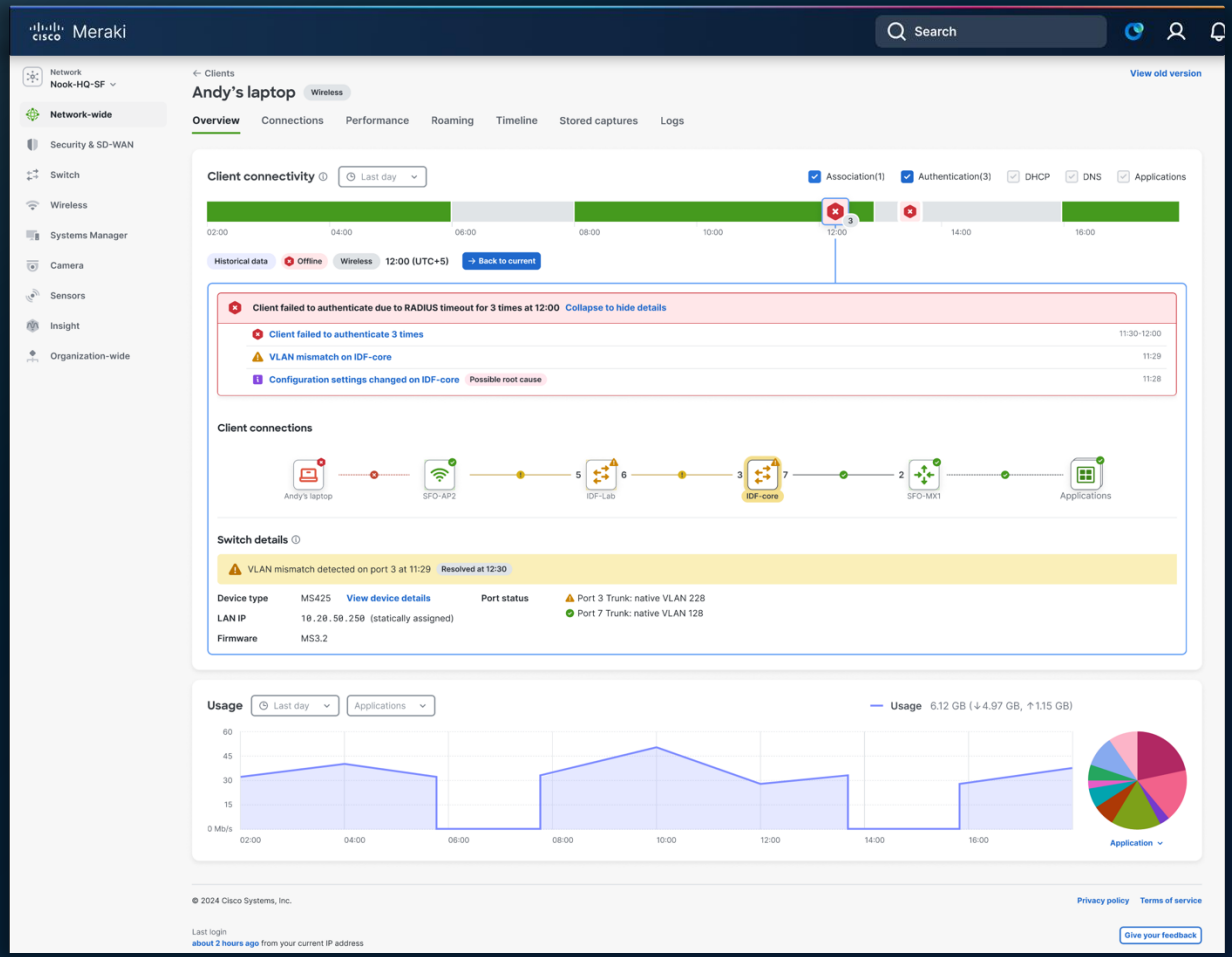
AVAILABLE | NOW

Assurance across every digital experience

- Deep visibility across both owned and unowned networks
- AI-powered insights surface experience-impacting issues instantly
- Closed-loop workflows trigger automated remediation
- AI Assistant accelerates root cause analysis end-to-end



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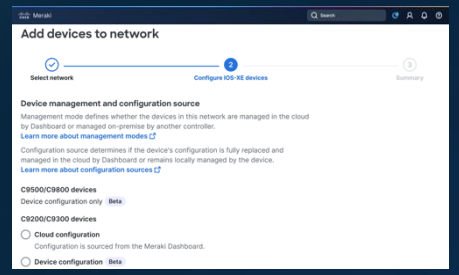
Large campus cloud capabilities

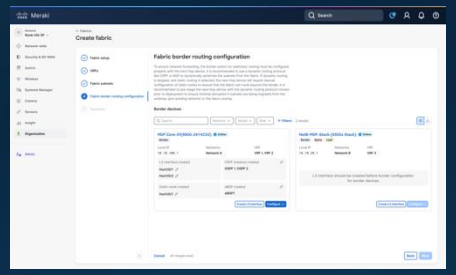
Powerful Switching Capabilities



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

BETA| NOW

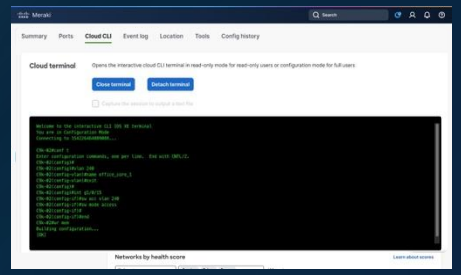
Fabric for Secure Networking



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

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Scalable Unified Branch Routers

Journey to simplified Secure WAN portfolio

Market leading enterprise routers

ASR / ISR

Continued investment in current portfolio

Catalyst 8000

MX

Converged portfolio

NEW

8000 Series Secure Router

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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 AI-powered unified branch

Cisco 8000 Secure Routers

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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

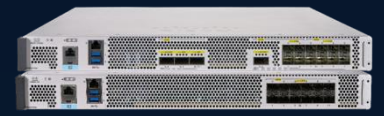
Campus: 8400

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

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Secure WAN Portfolio Transition

Branch

Small

8100 Secure Router

ISR1000

MX 67/68/75

Medium

8200 Secure Router

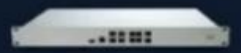
Catalyst 8200

MX 85/95/105

Large

8300 Secure Router

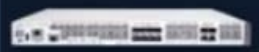
Catalyst 8300



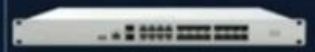
MX 250/450

Campus / Datacenter

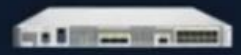
8400 Secure Router 8500 Secure Router



Catalyst 8500L



Net-New MX Scale



Catalyst 8500

Cloud

Catalyst 8000V

SRIOV
Hypervisor/Cloud

Cellular

CG522

MG41/E
MG52/E

Use Cases – Cisco 8000 Series Secure Router

IP Connectivity

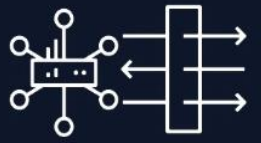
MSPs to offer reliable and sustainable connectivity with simplified management

Routing VPN

Future-proof your data center & branch with high-performance, secure connectivity

SD-WAN

Seamless, secure, and scalable connectivity for modern offices



Secure SD-WAN w/ NGFW

Consistent enforcement of network and security policy by NetOps and SecOps

SASE

Empower hybrid workers with secure, reliable remote access

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Meeting customers where they are

Flexible management options

On-Prem or Cloud

Cisco SD-WAN Manager

Use cases require on-prem delivery, or advanced configuration

Cloud

Meraki Dashboard

Prefer cloud-enabled delivery for full stack with Agentic Ops

Delivering optimized, simplified experiences for all customers.

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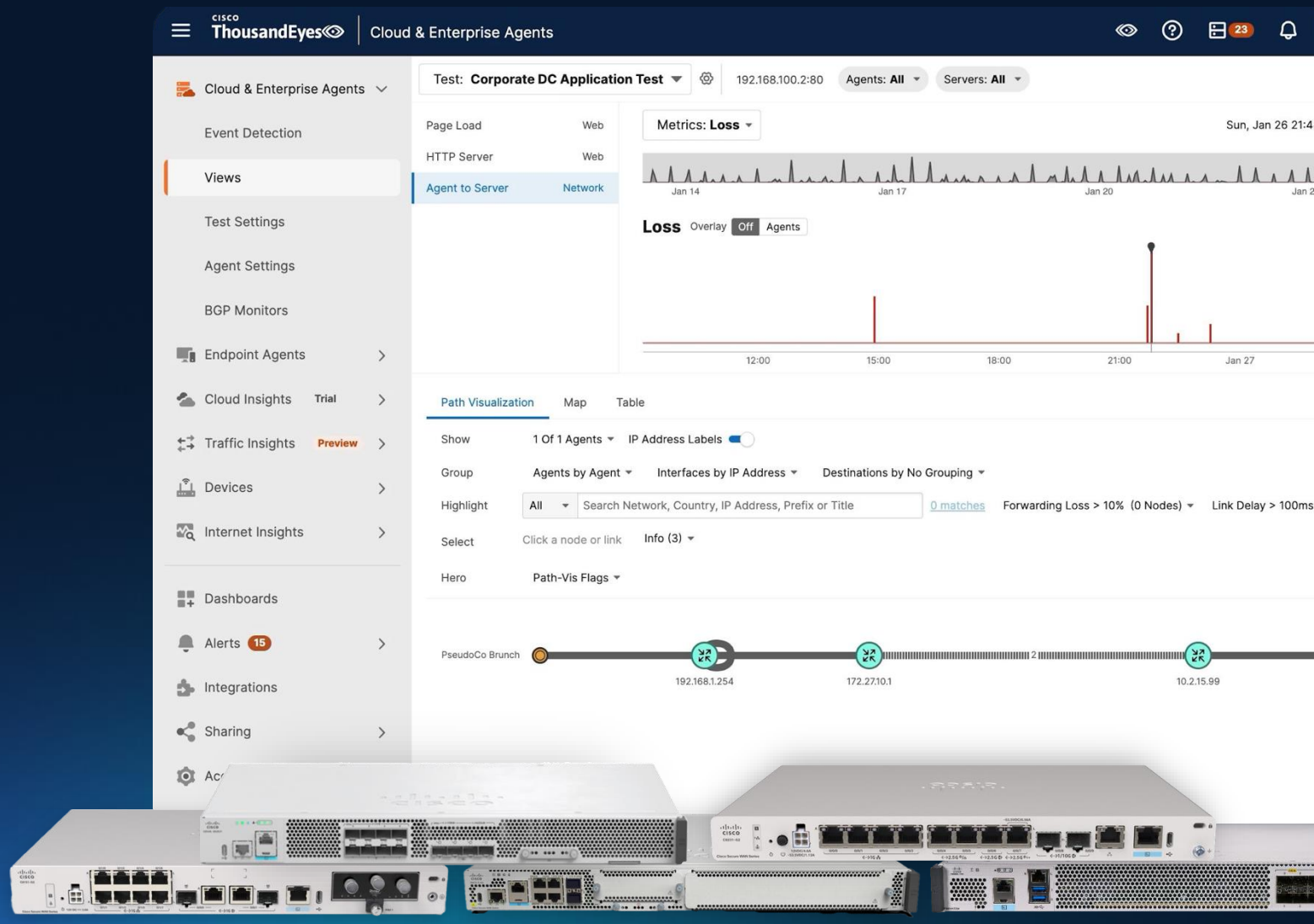
Assurance with Thousand Eyes

- ThousandEyes agent for internet assurance
- Integration between SD-WAN Manager and ThousandEyes
- Improved domain assurance capability



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Cisco SASE

Solutions designed to meet you on your journey to secure connectivity, anywhere

Cisco SASE

Powerful, flexible, and intelligent

Branch

Cisco Secure SD-WAN

+

Cloud

Cisco SSE

Microsegmentation

Distributed Enforcement

Open SASE

Open, validated integrations

Cisco SD-WAN

+

3rd Party SSE

or

Cisco SSE

+

3rd Party SD-WAN

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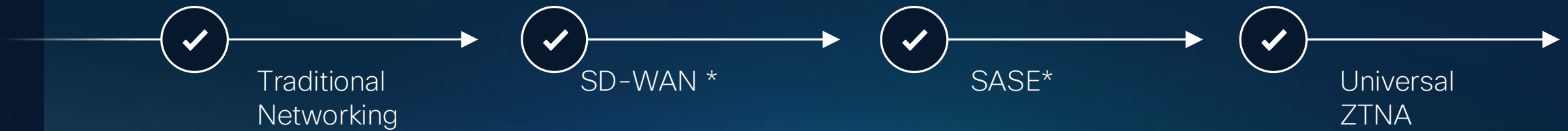
Cisco eases your journey to a future proof secure branch



*when combined this is known as SASE architecture

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Where we're going?

Secure Routers on Dashboard
Cloud Management

Hardware convergence
Secure Router Consolidating Portfolio

Unified SASE experience
Security Cloud Control

AI ops
Troubleshooting and remediation by agents

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Thank you