

Simplifying Operations with Cisco's Unified Platform



Nicolas AGOSTINHO, Networking Specialist
Frederic DIAS, Networking Specialist
Laurent CHAVIGNY, Customer Success Manager

Another massive technology disruption

Internet

Mobility

Cloud

AI

AI is bringing changes and challenges

1,000s

AI Agents per enterprise expected

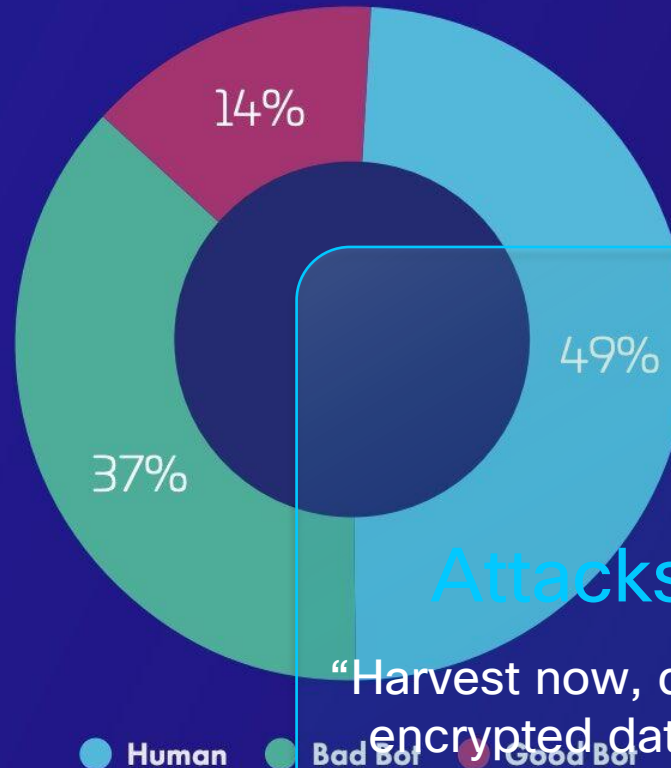


Attacks on Infrastructure

Exploits like Salt Typhoon that target unpatched software on key infrastructure

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GLOBAL INTERNET TRAFFIC PROFILE IN 2024



54%

face IT skills shortage by 2026



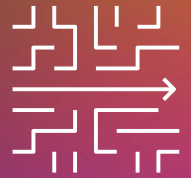
Attacks on Encryption

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

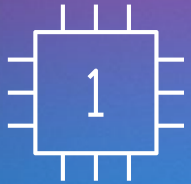
CISCO

Architecture for the AI-Ready Secure Network

Operational simplicity
powered by AI



**Scalable devices and
architectures**
ready for AI

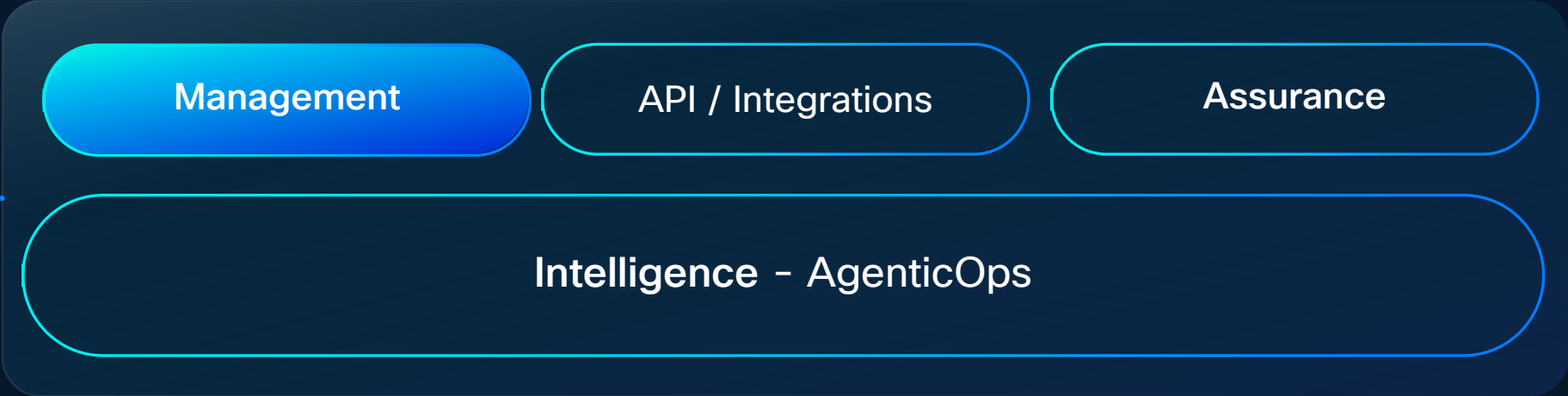


Security
fused into the network



Unified management to simplify operations

PLATFORM



HARDWARE



Industry's most trusted platform

Unmatched real-world intelligence for smarter AI insights, proven reliability, and faster problem solving

41M

Managed devices

+8M devices YoY

8M+

Switches

1B+

Connected clients

27M+

Access points

7B+

Tests per day (ThousandEyes)

2M+

Routers

5T+

Datapoints per day

A platform strategy that meets customers where they are



On-prem



Hybrid



Cloud

ONE HARDWARE | ONE LICENSE | ONE SUPPORT

Simplifying operations by Unifying our platforms

Catalyst

Catalyst Center

Catalyst License

Catalyst Hardware

MANAGEMENT

LICENSE

CISCO HARDWARE

Meraki

Meraki Dashboard

Meraki License

Meraki Hardware

Bringing together the power of **Catalyst** and simplicity of **Meraki**

The Meraki dashboard displays an 'Organization Summary' for 'The Green Company'. It features a 'Networks by health score' section with a donut chart showing 9 networks out of 900. The chart is divided into three categories: Poor (red), Fair (orange), and Good (green). Below the chart, there are three alert boxes: 'Critical alerts' (3, 40% increase, Last day), 'Warning' (14, 7% decrease, Last day), and 'Informational' (352, 7% decrease, Last day). A table titled 'Impact across networks' shows the following data:

Issue type	Total impacted	Change
Clients	543	+511
Network devices	13	+1
Infrastructure	9	+6
Applications	4	+2

The 'Networks by health score' table below shows a list of networks with their health scores, score changes, and various metrics:

Network	Health score	Score change	Network tags	Clients	Network devices	Infrastructure	Applications
Network name	70 pts	-24pts	Office	48 pts	84 pts	100 pts	100 pts
Network name	82 pts	-12pts	Office	54 pts	84 pts	99 pts	100 pts
Network name	84 pts	+1pts	Office	68 pts	84 pts	99 pts	100 pts
Network name	86 pts	-20pts	Office Tag +3	80 pts	76 pts	100 pts	100 pts
Network name	88 pts	+5pts	Branch	100 pts	100 pts	100 pts	20 pts
Network name	88 pts	+2pts	Branch	85 pts	95 pts	95 pts	95 pts
Network name	89 pts	-8pts	Branch	94 pts	84 pts	96 pts	96 pts
Network name	89 pts	-8pts	Branch	94 pts	84 pts	96 pts	96 pts

The Catalyst Center dashboard displays a 'Welcome, Alexander' message for May 1, 2024, 9:32 AM. It features a 'Network status changes' section with a 'Last day' filter, showing 'Across 24k total devices, 195k endpoints, 966 applications at 25 sites'. Below this, there are four alert boxes: 'Critical alerts' (3, 40% increase, Last day), 'Major alerts' (14, 7% decrease, Last day), 'Poor sites' (15, 7% decrease, Last day), and 'Expired certificates' (11, 10% increase, Last day). The 'Monitor' section includes several widgets:

- Routing**: 1.6k total in inventory, 99% healthy. Major alerts: 3. Alerting sites: 29. Routers: 11/1,607.
- Switching**: 2.3k total in inventory, 97% healthy. Critical alerts: 2. Alerting sites: 13. Core: 131. Distribution: 6/450. Access: 91/1,608.
- Endpoint**: 1.6k total concurrent endpoints, 99% healthy. Endpoints of low trust score (1-3): 576 (20%). Total unique endpoints seen in the last 24 hours: 2420. Major alerts: 2. Alerting sites: 33. Wired Endpoints: 5/4,554. Wireless Endpoints: 136/15k.
- Application**: 966 total, 98% healthy. Top 5 unhealthy applications. Data usage: 310.6 GB. Avg Throughput: 30.9 Mbps. Minor alerts: 23. Alerting sites: 35. Business relevant apps: 75. Default apps: 10/527.

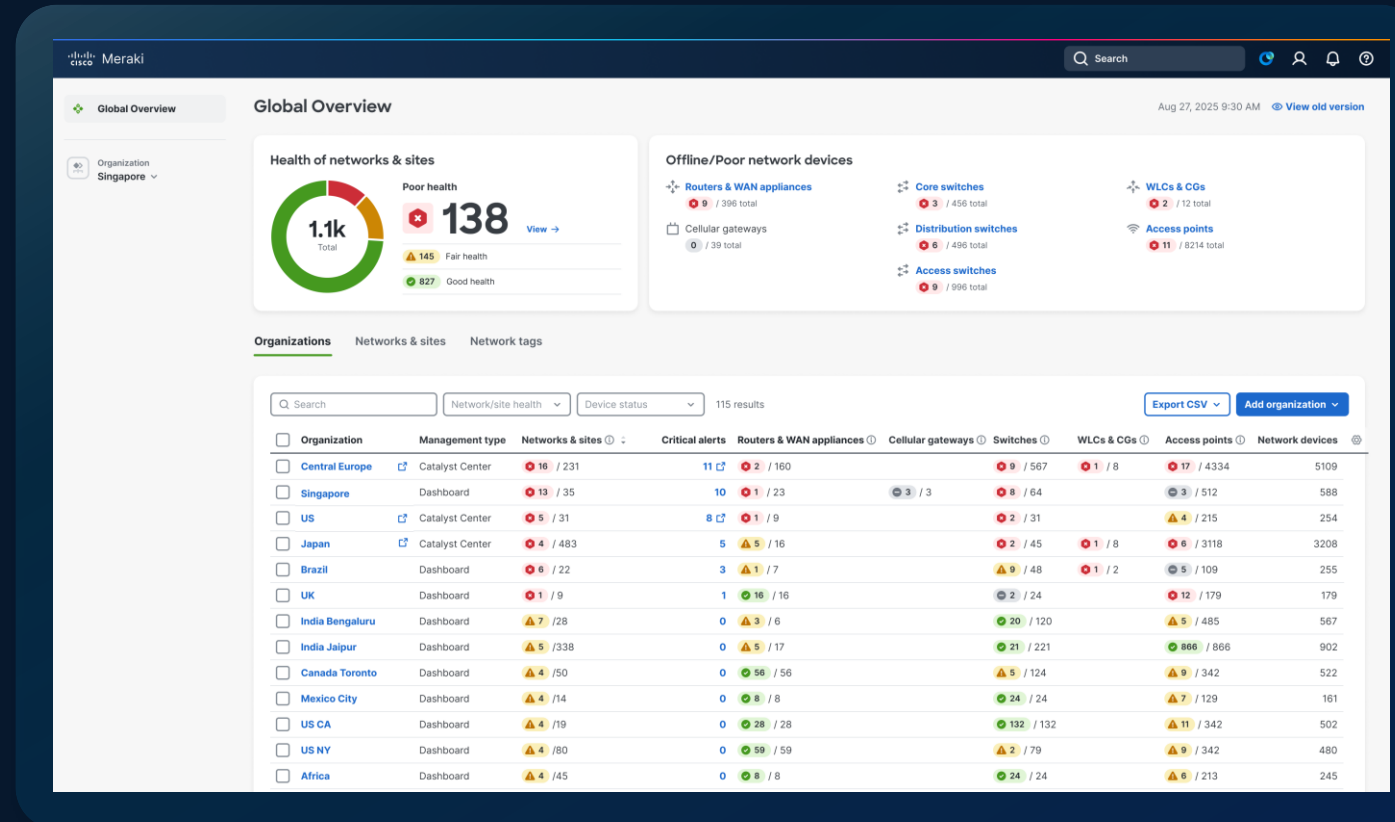
Global Overview

A single cloud experience integrating Meraki and Catalyst Center in the Meraki dashboard

Simplify hybrid operations – global view across Meraki and Catalyst Center

Troubleshoot faster – network, sites, and device alerts in one view

Streamline operations – secure SSO, no re-authentication



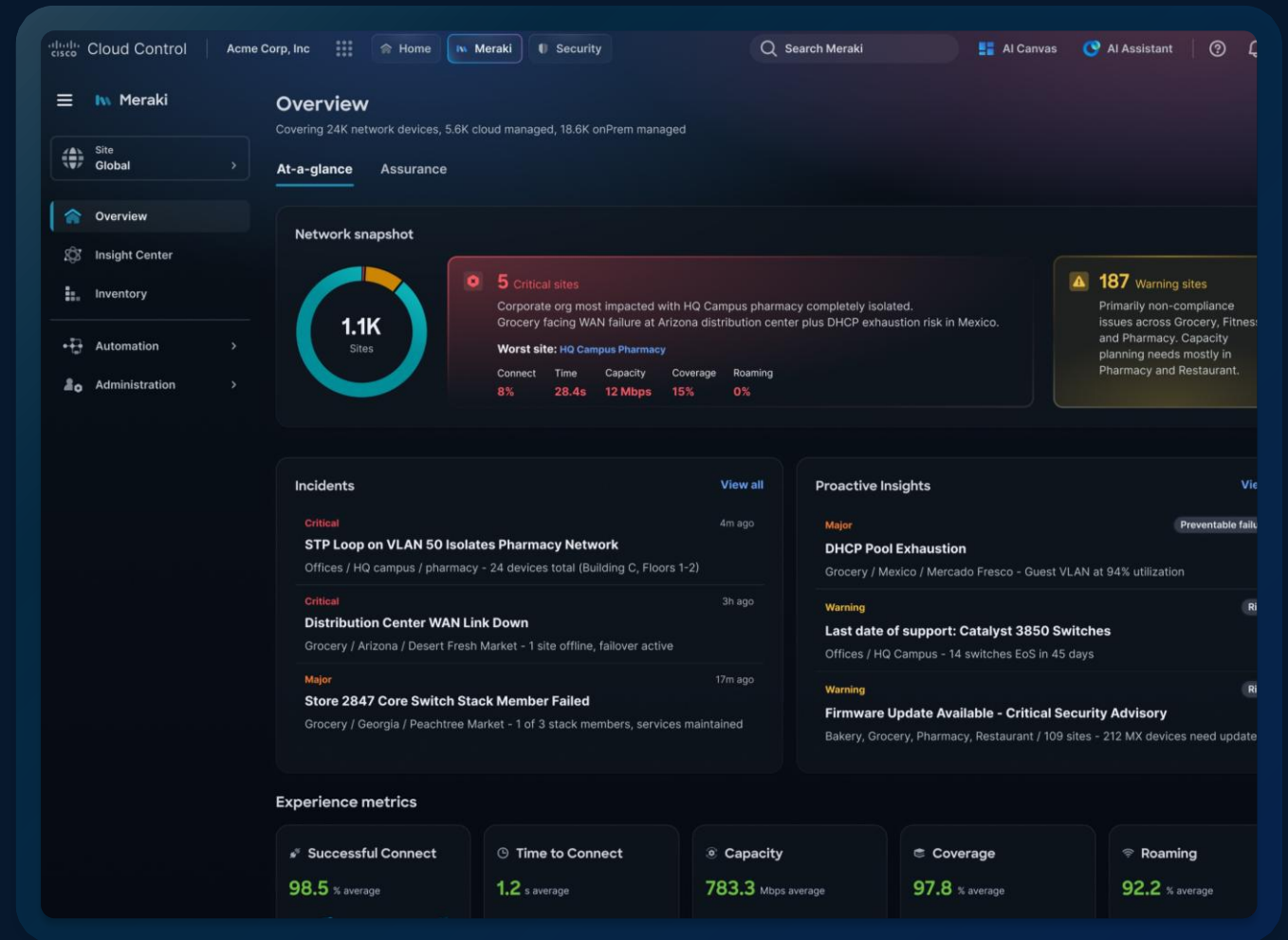
Unified management for operational simplicity

Flexible deployments for cloud, on-prem, and hybrid

Unified management experience

Enterprise capabilities and scale

AI-powered automation and assurance



Cloud management across the networking portfolio



Wireless

Full wireless support
Scale large campus wireless
with Campus Gateway

AVAILABLE



Switching

New | Expanded management
for access and core switching

New | IE3500 Rugged Series
Switching support

C9200, C9500, C9610 - AVAILABLE

C9600, C9400 - GA SEPTEMBER

IE3500 - GA APRIL



Routing

New | Expanded management
for Secure Routers

C8200, C8300, C8400 - GA JUNE

APIs and Apps to automate operations

PLATFORM

Management

API / Integrations

Assurance

Intelligence - AgenticOps

HARDWARE



Smart
Switches



Secure
Routers

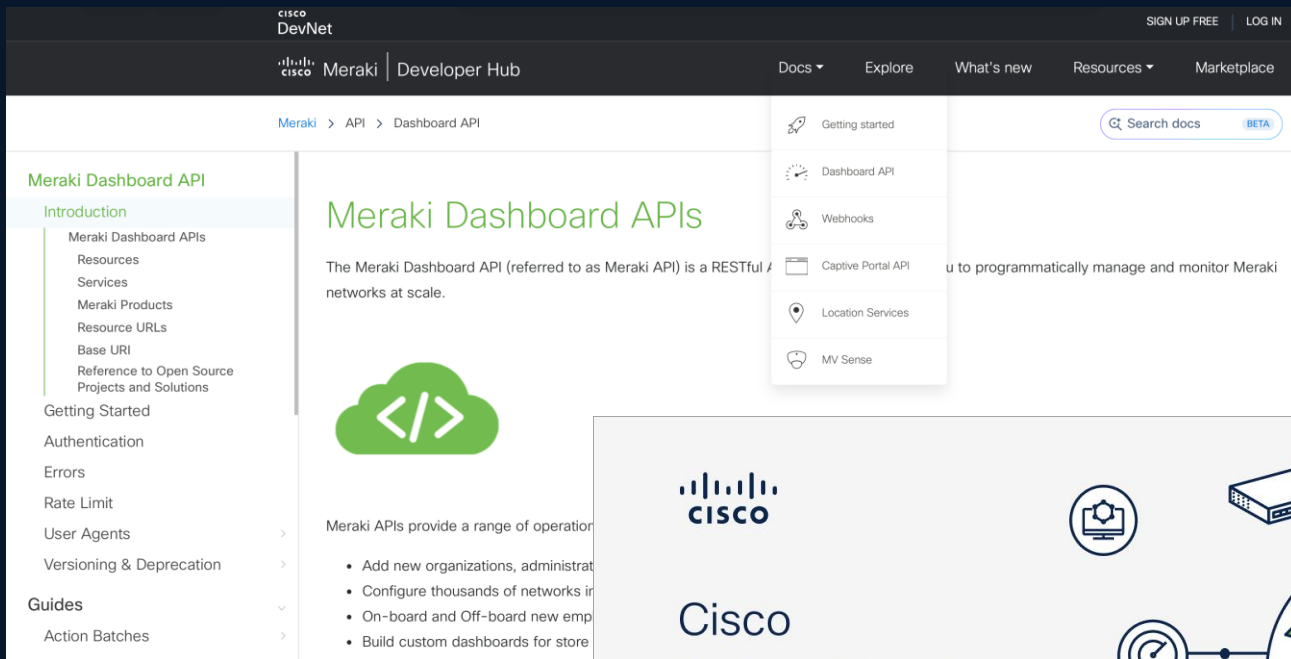


Wireless



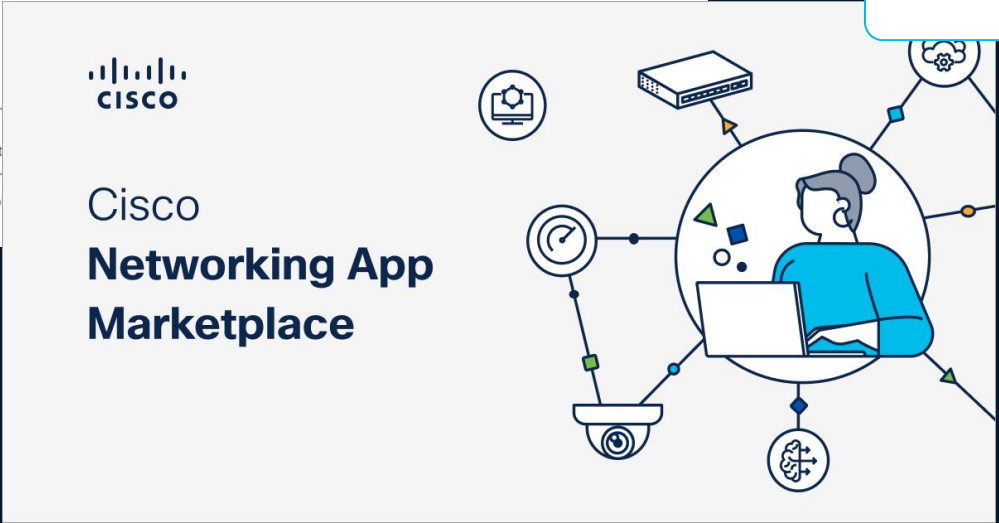
Industrial
IoT

With one of the largest API ecosystem



8.4B+
Monthly API calls

237K+
Monthly API users



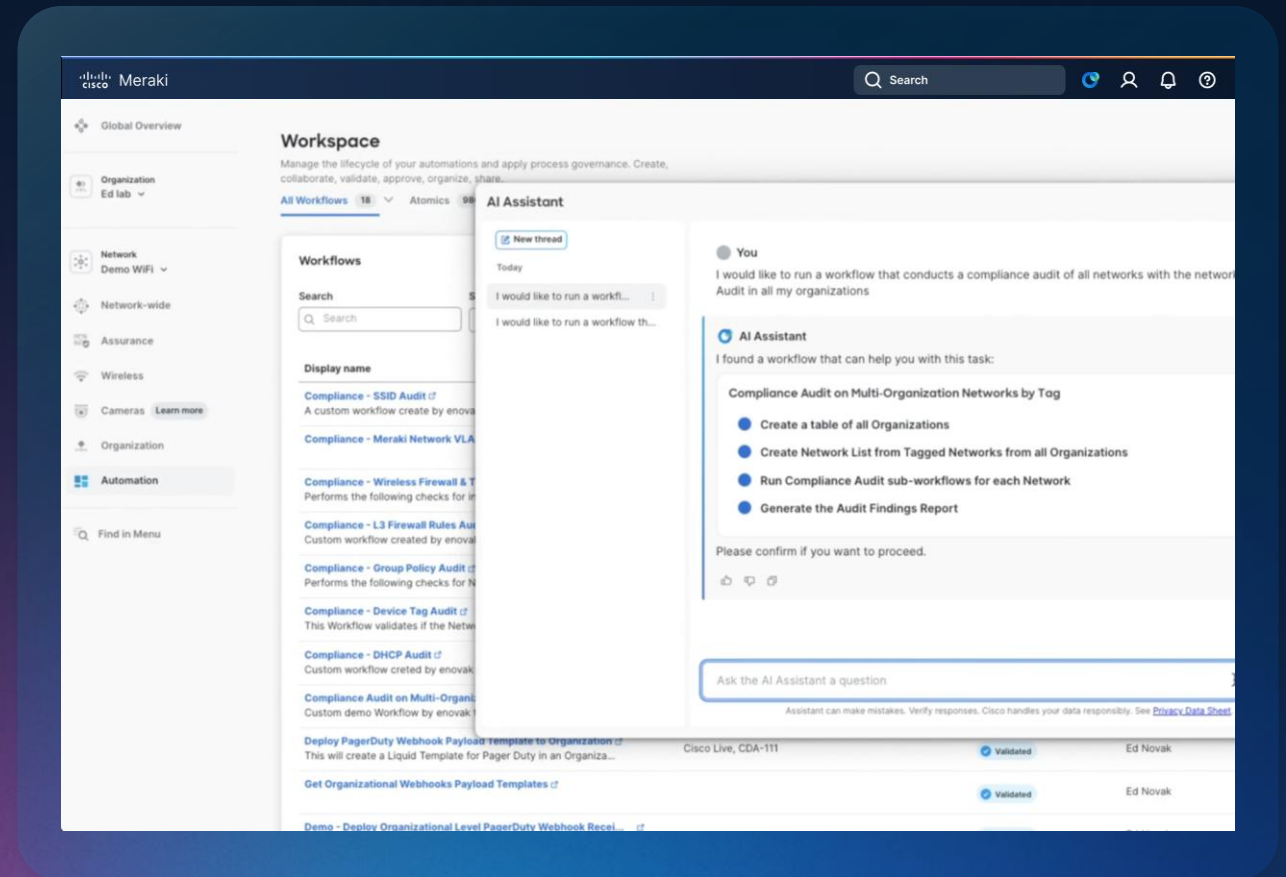
300+
Ecosystem partner apps



Agentic Workflows

Agentic automation across cloud and on-prem deployments

- AI-powered automation natively in the Meraki dashboard
- Leverage built-in AI Assistant integration for agentic operations
- Automate workflows across Meraki, Catalyst Center, Catalyst SD-WAN Manager, ISE, Nexus, and more



Multilayered assurance to simplify operations

PLATFORM

Management

API / Integrations

Assurance

Intelligence - AgenticOps

HARDWARE



Smart
Switches



Secure
Routers

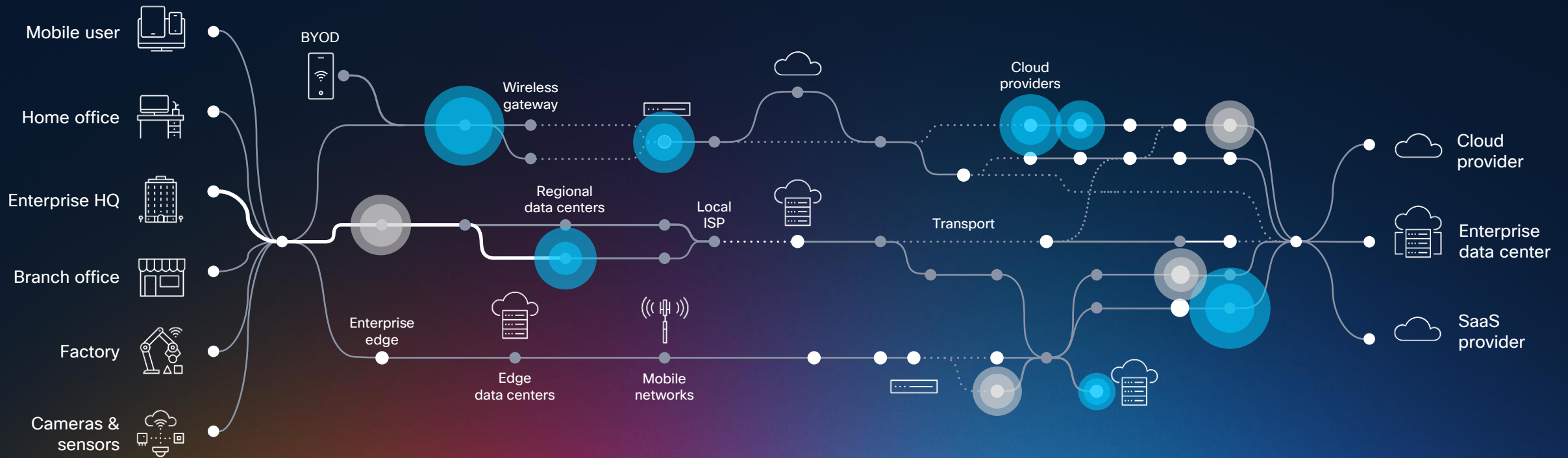


Wireless



Industrial
IoT

Digital experiences span owned and unowned networks



Cisco Assurance Overview

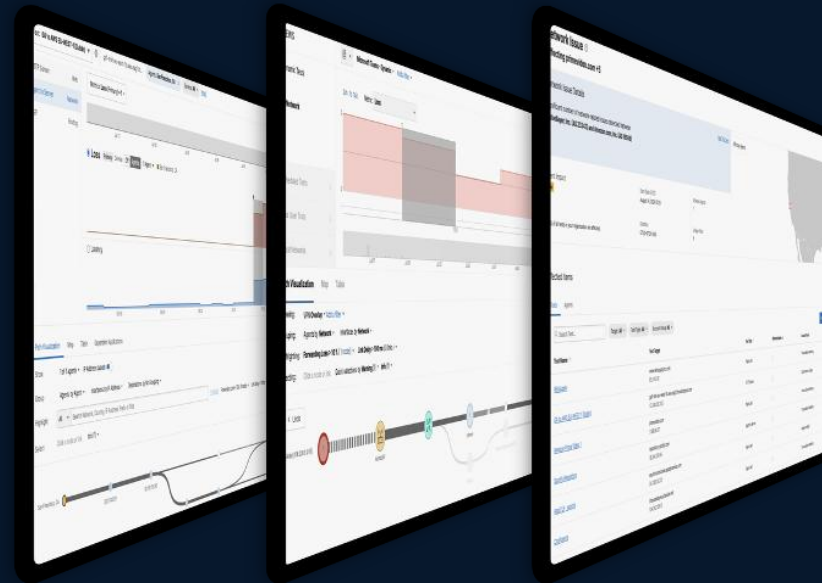
More visibility

Traffic Insights Extends
Visibility for Real-User Traffic
Now Available

Cisco Industrial Networking for
Visibility from OT Networks
Now Available

Mobile Agent Give Insight Into
Android Devices
Now Available

More intelligence



Experience Metrics Give Deeper
Insight Into Wireless Experience
Currently in Alpha

Cloud Insights Correlates
Changes in the Cloud
Now Available

Stronger platform

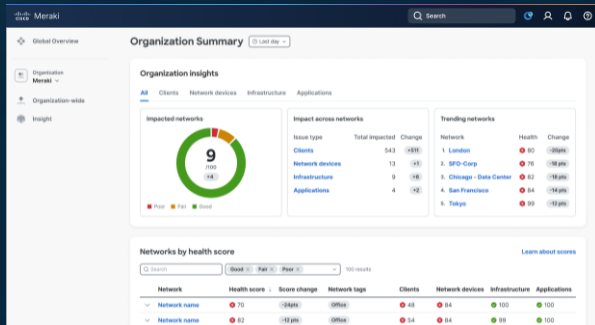
Cisco AI Assistant Helps Customers
Operationalize the Platform
Now Available

MCP Server Integrating
ThousandEyes Data with Agentic AI
Now Available

Splunk Integration End-to-End
Observability
Now Available

Real-time clarity from the client to enterprise-wide

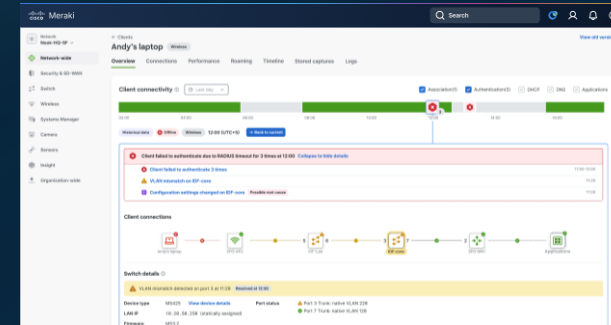
Organization-wide assurance visibility



Visibility across every site—spot trends, surface issues, drill into site-level detail

AVAILABLE

Client-side assurance insights



End-to-end visibility for every individual client

AVAILABLE

Continuous real-time experience assessment

- Shift from observing systems to understanding experiences
- Collapses thousands of signals into a single view
- Answers questions like “Did clients connect?” “Do I have enough capacity?”



Prototype of end-to-end troubleshooting workflow

Meraki Search Dashboard

Overview Last 2 hours Updated 1s ago

Service level metrics | Network services | Network health score

Access point | SSID | Band

Last 1h 2h Updated 30s ago Live

Time to connect (under 4s) 98% avg

Failure contributors

Association	1%
Authorization	1%
DNS	1%
DCHP (3)	2%

Successful connects (above 90%) 89% avg

Failure contributors

Association	5%
Authorization	3%
DHCP (3)	92%
DNS	0%

Capacity (above XX%) 98% avg

Failure contributors

Wifi interference	1%
Non wifi interference	1%
AP Utilization	1%
Client performance	2%

Our unified platform

PLATFORM

Management

API / Integrations

Assurance

Intelligence - AgenticOps

HARDWARE



Smart
Switches



Secure
Routers



Wireless



Industrial
IoT

Deep Network Model

The most advanced networking LLM

Purpose-Built for Networking

Up to 20% more precise reasoning for troubleshooting, configuration, and automation.

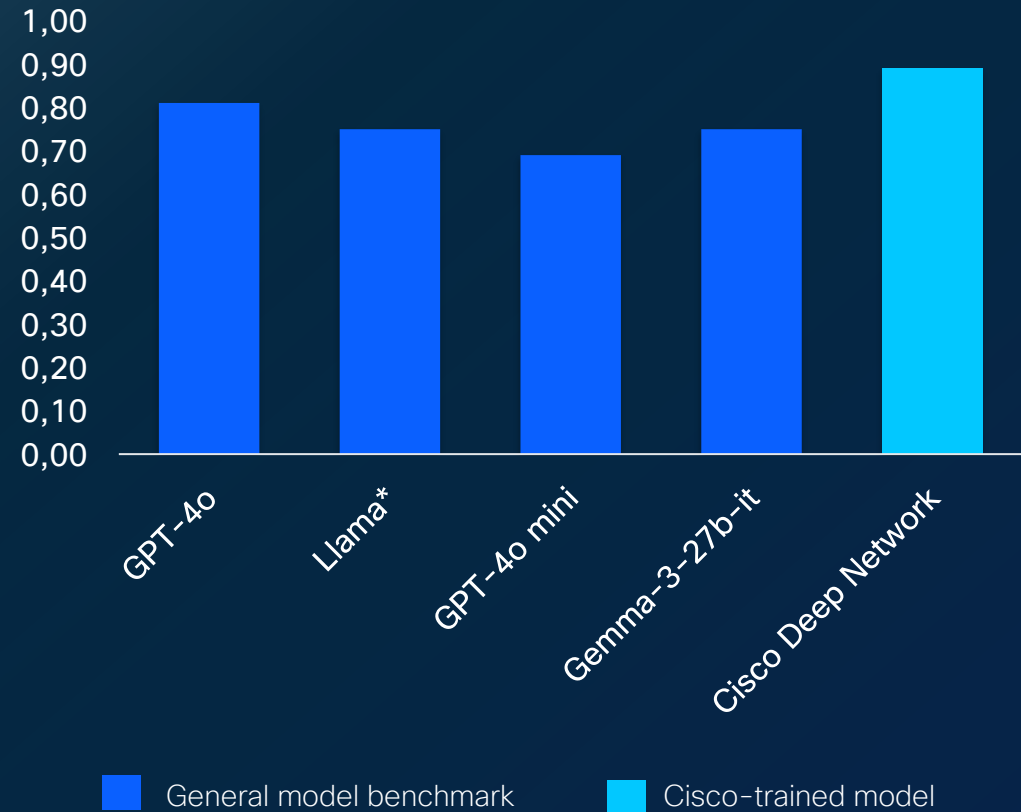
Trusted Training

Fine-tuned on 40+ years of Cisco expertise and expert-vetted for accuracy.

Continuous Learning

Evolves with live telemetry and real-world Cisco TAC and CX insights.

Outperforms general models by ~20%



Accuracy on CCIE-style MCQs (590-question benchmark, May 2025)
*3.2-90B-Vision-instruct

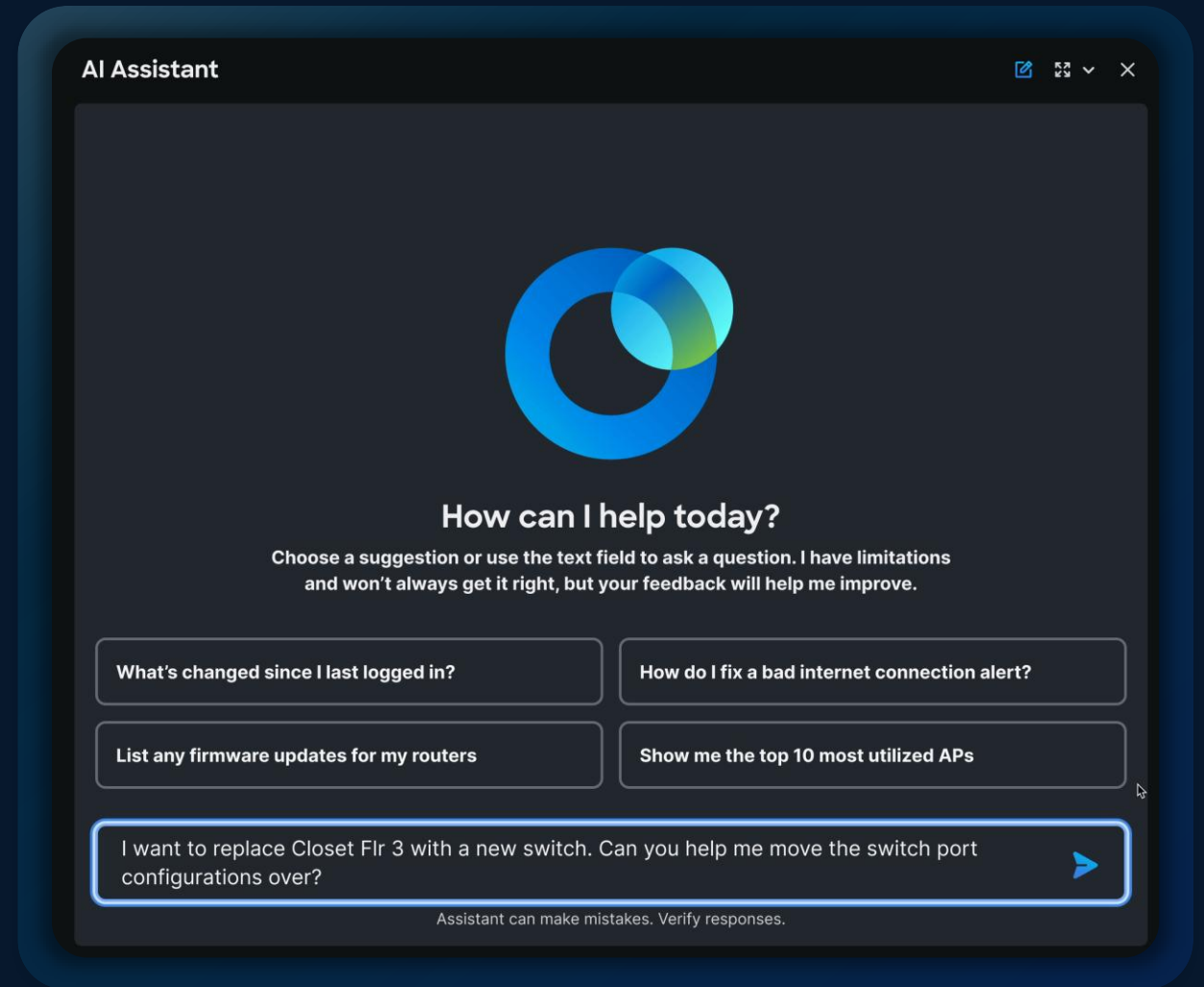
Available

New Networking Skills for AI Assistant

Ask, explore and act in natural language

New automated workflows for configs changes and switch migrations

New integrated assurance capabilities



AI Networking



Configuration

AI Assistant: Best Practices & Documentation

Intelligent group-based policy and segmentation

Agentic Workflows with the AI Assistant



Optimization

AI-driven anomaly detection

AI for Client 360

AI Radio Resource Management



Troubleshooting

Application experience troubleshooting

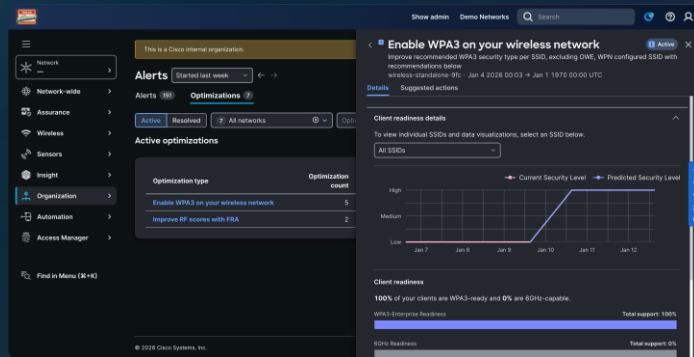
Device connection troubleshooting

AI packet capture analysis

AI Assistant: RCA & Precise troubleshooting

AI capabilities to improve wireless networks

Proactive tuning. Predicted performance.



AI Configuration Recommendations

In Beta

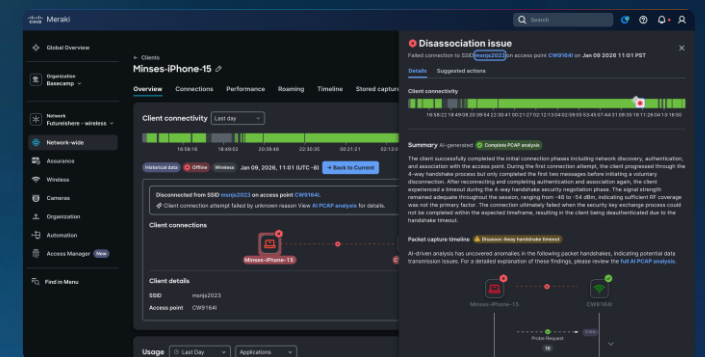
Automate staging for instant rollouts

Name	Status	Date added	Last updated	Type	AP profile	Network name
CW9168 (Q54E-VQJG-88V7)	Ready	January 9, 2025 at 14:09	January 9, 2025 at 14:09	-	Basic Profile	-
CW9178 (Q58H-42E9-ZZJ5)	Ready	January 9, 2025 at 14:09	January 9, 2025 at 14:09	-	Basic Profile	-
CW9170 (Q58C-RWV7-82E5)	Ready	January 9, 2025 at 14:10	January 9, 2025 at 14:10	-	Basic Profile	-
CW9176 (Q58D-RWV7-UTJ3)	Ready	January 9, 2025 at 14:10	January 9, 2025 at 14:10	-	Basic Profile	-
CW9174 (Q54D-T574-SW8C)	AP1	August 27, 2025 at 19:92	August 28, 2025 at 14:15	LAN	Basic Profile	Futureshire - wireless
MW9166 (Q54P-2JK-2L7T)	AP-C1	October 9, 2025 at 08:55	October 9, 2025 at 09:53	-	Basic Profile	WirelessTempate
CW9162 (Q54A-E4G-25K8)	AP-C2	October 9, 2025 at 08:55	October 9, 2025 at 09:53	-	Basic Profile	WirelessTempate
CW9174 (Q58P-KVH4-8L8E)	CW-9178	November 25, 2025 at 21:90	November 25, 2025 at 21:82	-	Basic Profile	Futureshire - wireless

AP Zero Touch Deployment

Available

Correlate thousands of signals in real-time.



AI Packet Analyzer

GA May 2026

AI Packet Analyzer

Meraki
Search
🔔
👤

Global Overview

Organization: Rodville

Network: Hometownville

Network-wide

Assurance

Security & SD-WAN

Switching

Wireless

Systems Manager

Cameras

Sensors

Insight

Organization

Automation

Find in Menu

New in Dashboard: New! Custom Alert Profiles, Schedules, and Thresholds. [Read more.](#)

View old version
[+ Add client](#)

Clients

Uplinks 1 total

All Online

WAN appliances 1 total

All Online

Switches 1 total

All Online

Access points 4 total

All Online

Usage and clients All clients Last day Applications

Usage 72.49 GB (↓ 62.32 GB, ↑ 10.17 GB)

Search for clients: Status, type, OS Connected to VLAN Policy Tunneled through 53 results [Download](#)

<input type="checkbox"/>	Status	Description	Usage ↓	Recent SSID	MAC address	IPv4 address	Connected to	Device type, OS	Policy
<input type="checkbox"/>	Wireless	Master-Bedroom-TV	32.68 GB	5t@y()Ut	ac:bc:32:5c:a3:48	192.168.182.10	CW9166D1-Garage	Apple iPhone	Normal
<input type="checkbox"/>	Wireless	Bailey-ATV	8.58 GB	5t@y()Ut	d8:03:4b:ef:0d:08	192.168.182.37	CW9176-Office	Apple	Normal
<input type="checkbox"/>	Wireless	Mr-Toads-Wild-Ride	8.17 GB	MyKungFu	0e:92:02:1a:53:7c	192.168.182.143	CW9176-Mantel	Other	Normal
<input type="checkbox"/>	Wireless	LivingRm-HomePodMini	5.12 GB	stuffnthings	94:ea:32:6b:f3:89	192.168.185.5	CW9166D1-Garage	Apple	Normal
<input type="checkbox"/>	Wireless	Doorbell	3.66 GB	stuffnthings	44:73:d6:1f:f3:42	192.168.185.104	CW9176-Office	Logitech	Normal
<input type="checkbox"/>	Wireless	fd0fbb7-769d-4cfb-a333-291cacalae79	2.92 GB	5t@y()Ut	56:73:20:99:1f:52	192.168.182.147	CW9176-Mantel	Other	Normal
<input type="checkbox"/>	Wired	1c:69:7a:0a:72:d4	1.83 GB	—	72:d4	192.168.180.4	Office-9300X	EliteGroup Computer...	Normal
<input type="checkbox"/>	Wireless	Wifjanitor	1.49 GB	MyKungFu	8e:65:98:75:5f:7c	192.168.182.248	CW9176-Office	Mac OS X 10.15	Whitelisted
<input type="checkbox"/>	Wireless	Steve-PSS	1.12 GB	5t@y()Ut	78:66:2a:64:5b:6e	192.168.182.13	CW9176-Office	Sony Interactive...	Normal
<input type="checkbox"/>	Wireless	iPhone	833.05 MB	5t@y()Ut	fa:3c:fd:35:1f:b4	192.168.182.227	CW9176-Office	Apple iPhone	Normal
<input type="checkbox"/>	Wireless	Bailey-echo	785.76 MB	5t@y()Ut	68:db:f5:c2:fa:f7	192.168.182.3	CW9166D1-Garage	Amazon Technologies	Normal
<input type="checkbox"/>	Wired	Meraki MR45 Cloud Managed Indoor AP	701.86 MB	—	68:3a:1e:2d:da:80	192.168.66.4	Office-9300X	Cisco Meraki	Normal
<input type="checkbox"/>	Wired	4c:42:1e:6c:95:00	672.03 MB	—	4c:42:1e:6c:95:00	192.168.180.119	MX85	Cisco WAP	Normal
<input type="checkbox"/>	Wireless	Haileys-iphone	527.02 MB	5t@y()Ut	d2:4e:fc:79:99:be	192.168.182.171	CW9176-Office	Apple iPhone	Normal
<input type="checkbox"/>	Wired	cw9176-office	495.54 MB	—	8c:88:81:4f:d1:90	192.168.180.14	Office-9300X	Cisco Meraki	Normal
<input type="checkbox"/>	Wireless	echo	444.37 MB	5t@y()Ut	4c:17:44:35:d9:a7	192.168.182.179	CW9166D1-Garage	Amazon Technologies	Normal
<input type="checkbox"/>	Wired	lab-mx68-bcdb09c508e0	334.08 MB	—	bc:db:09:c5:08:e1	192.168.66.2	MX85	Meraki OS	Normal

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BETA

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

The screenshot displays the AI Canvas interface for "Application performance degradation". The interface includes a top navigation bar with the Cisco logo, a title bar, and action buttons for "Generate report", "View activity", and "Share".

AI Assistant Panel: The AI Assistant provides a summary: "This graph shows a clear link between congestion and application failures. When the interface gets congested, financial app failures spike almost instantly. Right now, critical transactions are competing with non-essential traffic during busy periods. The concurrent scheduling of mandatory security-related software updates could be a significant contributor to these congestion events."

SJ-MX105-01 network congestion statistics vs. EFP application performance: A Splunk chart showing Packet loss (blue line) and Transaction failure rate (red line) from 8:00 to 08:30. Packet loss increases from ~5% to ~15%, while transaction failure rate increases from ~2% to ~8%.

ServiceNow Ticket SRTK0023941: Reported by System Administrator on 03/28/2025 at 09:45 AM PST. Description: Received a ThousandEyes alert and reached out to Maria Chen to confirm. She said users at San Jose branch experiencing 3-5 second delays when processing financial transactions in EFP. Started approximately 30 minutes ago. Affects all 24 users at the branch. No recent changes reported.

SJ-MX105-01 WAN interface performance: Meraki dashboard showing a 16.4% loss rate (up from 2.3%). Metrics include WAN interface latency (87ms) and Jitter (15ms).

SJ-MX105-01 performance (last 24 hrs): Meraki line chart showing Packet loss percentage over time, with a critical point marked at approximately 10:00.

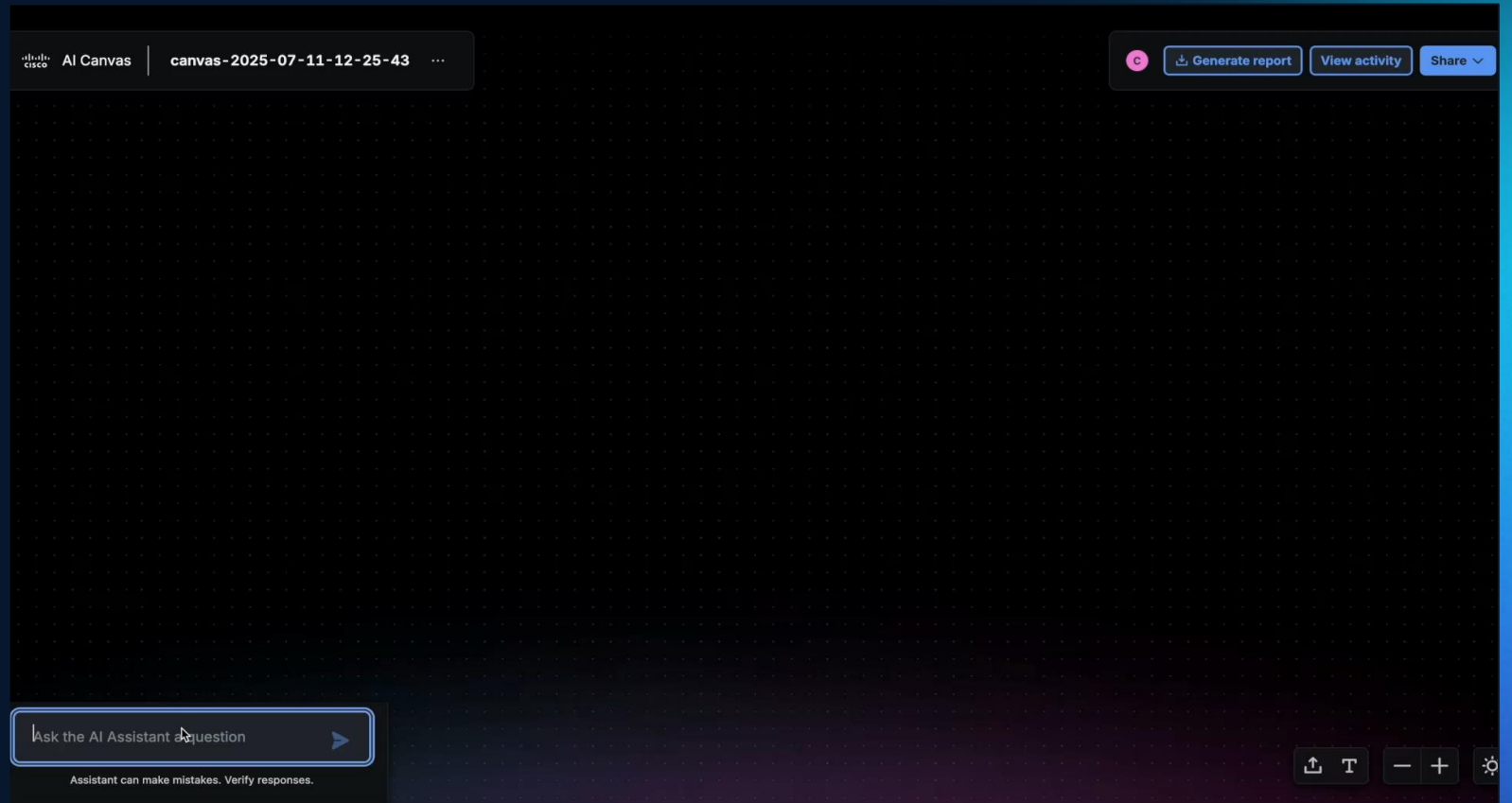
Network segment performance analysis: ThousandEyes diagram showing a 16.4% loss at the Enterprise network segment, with a packet loss point indicated.

Message from Maria Chen: Urgent status update needed on Financial Application Performance Issues. Hello Team, I'm following up regarding the ongoing performance issues with the Enterprise Financial Platform (EFP) affecting our San Jose branch. This performance degradation is severely impacting our ability to serve customers. We have end-of-month financial processing scheduled for tomorrow, and we need reassurance that this issue will be resolved by then. Could you please provide an immediate status update on troubleshooting efforts and expected resolution timeframe? If there's a workaround we can implement in the meantime, that would be extremely helpful. Thank you for your urgent attention to this matter. Best regards, Maria Chen, Senior Director, Financial Operations.

AI Assistant Input: "Ask the AI Assistant a question" button with a disclaimer: "Assistant can make mistakes. Verify responses."

Demo

AI Canvas with Meraki & ThousandEyes



Cisco IQ: Human Expertise Meets Agentic AI

IT Challenges in the AI Era



Infrastructure Complexity

Hybrid and multi-cloud sprawl creates gaps in visibility and governance.

Security & Compliance Burden

AI workloads introduce new threat surfaces and regulatory obligations.

Talent & Operational Readiness

Teams lack the skills and tooling to operate AI infrastructure at scale.

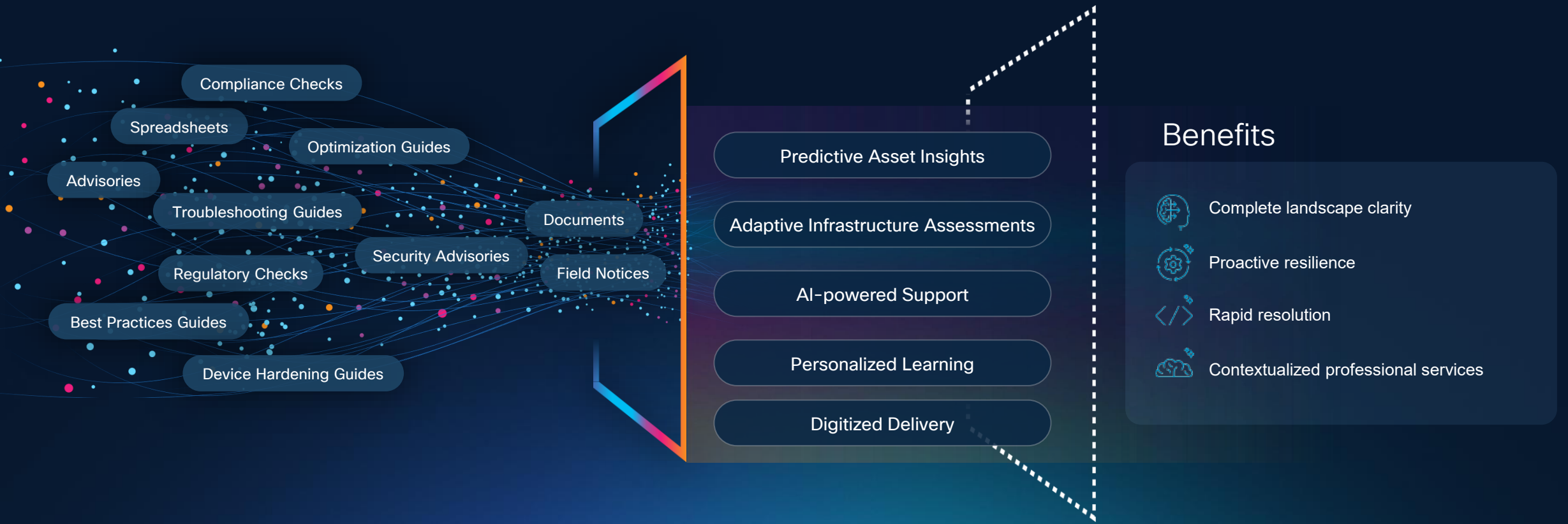
THE DEFINING TENSION

**AI demands speed.
IT must ensure
security, scale,
and control.**

Organizations face mounting pressure to adopt AI while managing complexity, cost, and compliance at every layer.

Cisco IQ™

Where human expertise meets agentic intelligence



Cisco IQ

1

Complete
landscape clarity

You can't protect what you
can't see.

Access real-time,
benchmarked view of every
asset, configuration, and
risk.

2

Proactive
resilience

Every outage has a trail.

Surface and prioritize
critical issues before they
ever become an outage.

3

Rapid
resolution

A complex service
request could take hours.

AI understands your
environment to
fix problems quickly.

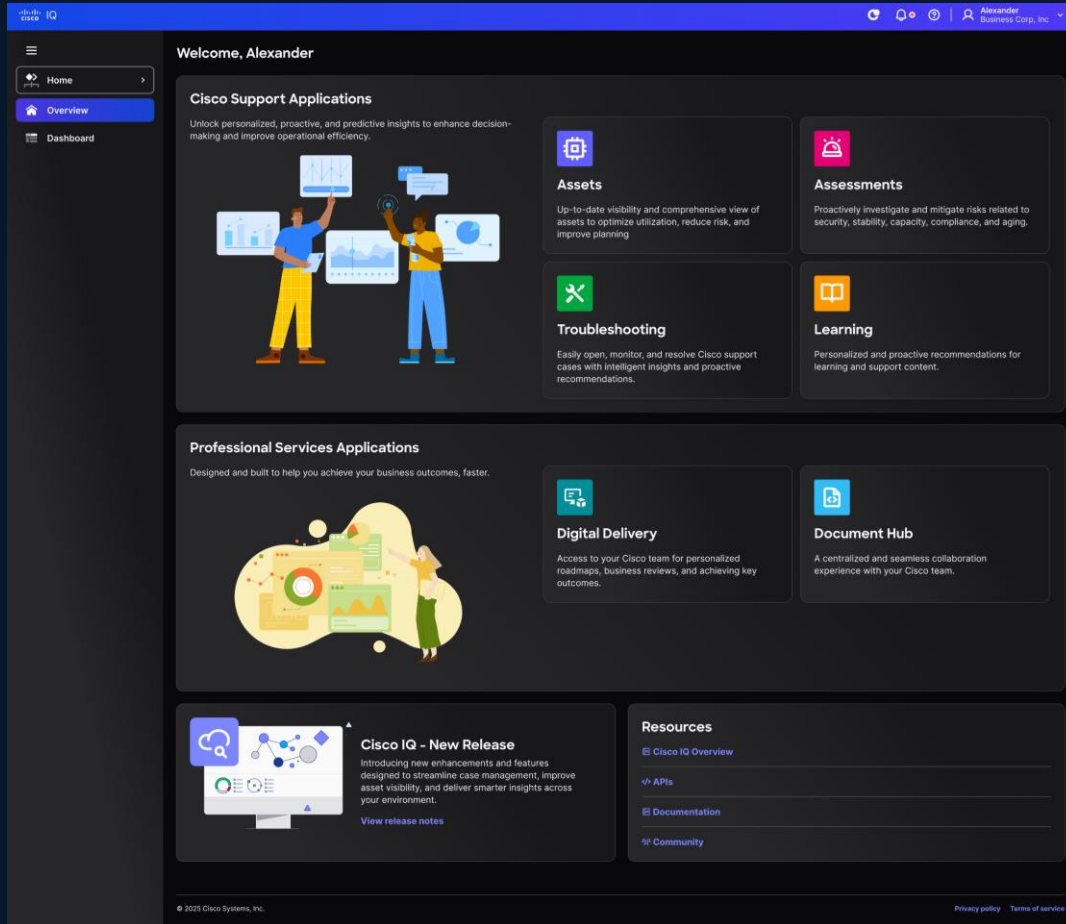
4

Contextualized
Professional
Services

Eliminate the learning
curve.

Harness 40 years of
expertise to build it
right the first time,
every time.

Benefits for Customers



Accelerated Incident Resolution

- Delivery of contextualized and personalized services



Enhanced operational security

- Faster incident resolution through combined AI and human expertise



Personalized service delivery

- Reduced interruptions and security risks



Operational Efficiency Gains

- Accelerated ROI and simplified operations

A **unified foundation** across the entire operational surface

AgenticOps is only as good as the breadth and depth of the domains it can operate across.

Networking

Meraki, Catalyst Center

Data Center

Intersight, Nexus Dashboard and Hyperfabric

Security

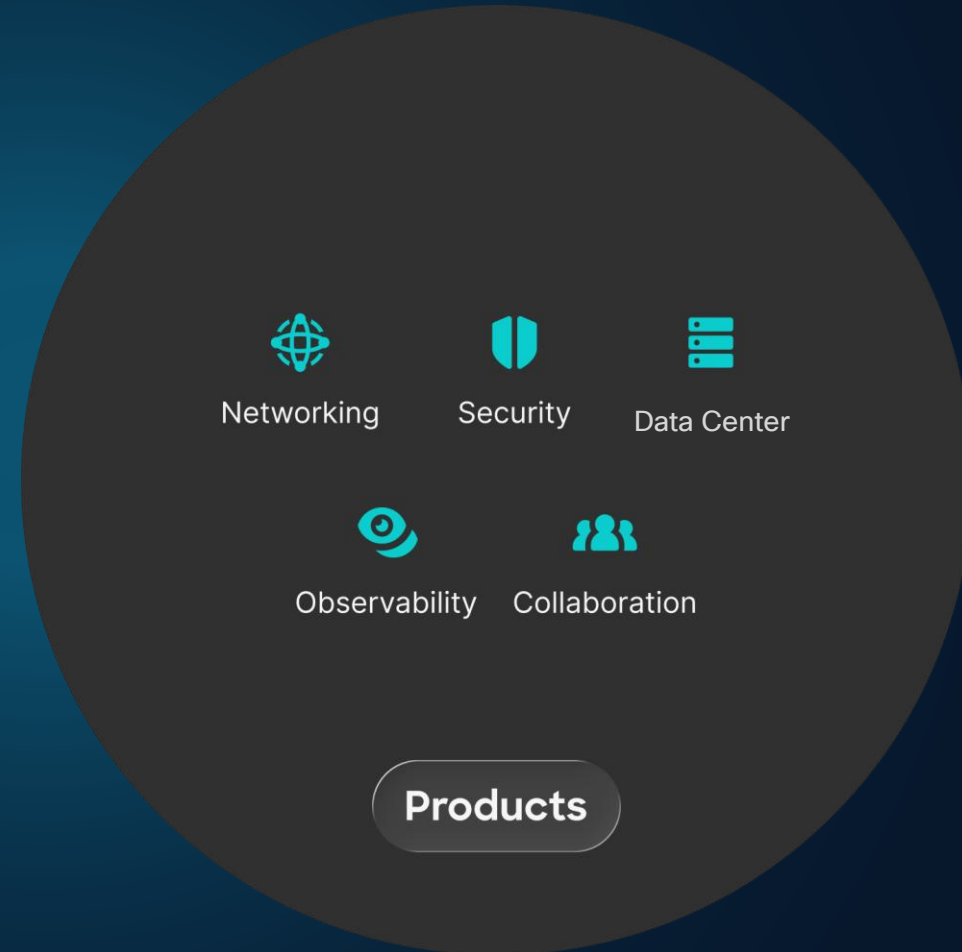
Security Cloud Control, SDWAN Manager

Observability

Splunk, ThousandEyes

Collaboration

Webex



The intelligence and coordination layer that **turns signals into action**

Understanding

Topology, inventory, search, correlation

Decision-making

Policy, rules, identity, governance, compliance

Execution

Workflows, automation, provisioning, integrations



Where **humans and agents** collaborate

Where intent turns into outcome

- AI Assistant and copilots
- Agent gateways / MCP Servers
- AI Canvas workspace
- Human-in-the-loop interfaces



CISCO Connect

Thank you



