

# AI-ready Secure Campus, Branch, and more...

Cisco Secure Networking Updates

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# Cisco powers how people and technology work together across the physical and digital worlds

## AI-ready data centers

Transform data centers to power AI workloads anywhere

## Future-proofed workplaces

Modernize everywhere people and technology work and serve customers

Secure global connectivity

## Digital resilience

Keep the organization securely up and running in the face of any disruption

Accelerated by Cisco AI

# Announced at Cisco Live US 2025

## AI-Ready Data Centers



### Full-Stack AI Infrastructure

- Unified Nexus Dashboard (*Jul 2025*)
- Cisco Secure AI Factory/NVIDIA (*Mar 2025*)
- Switch Compensating Controls (*Aug 2025*)

### Fusing Security into the Network: Hybrid Mesh Firewall

- Firewall 6100 Series (*Oct 2025*)
- Intent-based Policy (*Aug 2025*)
- ACI support for Hybrid Mesh Firewall (*Oct 2025*)

### Security for Agentic AI

- AI Defense Momentum

### Service Provider Momentum

- New Cisco 8000 Routers (*Nov 2025*)
- New AI capabilities in Crosswork (*Jun 2025*)

## Future-Proofed Workplaces



### Operational Simplicity Powered by AI

- Unified Platform (*Jul 2025*)
- End-to-End Assurance (*Jun 2025*)
- Agentic Ops (AI Assistant, AI Canvas) (*Jun 2025*)

### Scalable Devices Ready for AI

- Cisco C9350 and C9610 Smart Switches
- Cisco 8000 Secure Routers
- Industrial Switches
- Wi-Fi 7 Expansion + Campus Gateway (*Above all Jun 2025*)
- Ultra-Reliable Wireless Backhaul (*Jul 2025*)
- Firewall 200 Series (*Oct 2025*)

### Fusing Security into the Network: UZTNA

- Agentic AI
- Simplified SASE (*Aug 2025*)

### AI Experiences

- AI Employee and Customer Experiences (*Jun 2025*)

## Digital Resilience



### End-to-End Assurance and Observability

- Observability for AI (*Sep 2025*)
- Splunk ITSI + ThousandEyes (*Mar 2025*)
- Splunk ITSI for Network Health (*Sep 2025*)
- Splunk Observability with Assurance (*Dec 2025*)

### Security Operations

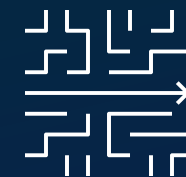
- AppDynamics and Splunk ES Integration (*Mar 2025*)
- AI Assistant for Splunk ES (*Feb 2025*)
- Cisco Firewall Logs ▶ Splunk (No Addl Cost) (*Jul 2025*)

### Data Platform

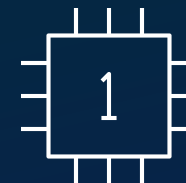
- Federated Analytics (*Oct 2025*)
- AI-powered Value Realization (*Sep 2025*)
- Splunk PODs (*Aug 2025*)

# Architecture for the AI-Ready Secure Network

**Operational simplicity**  
powered by AI



**Scalable devices**  
ready for AI



**Security**  
fused into the network



# Simplifying operations by Unifying our platforms

## Catalyst

Catalyst Center

Catalyst License

Catalyst Hardware

MANAGEMENT

LICENSE

CISCO HARDWARE

## Meraki

Meraki Dashboard

Meraki License

Meraki Hardware

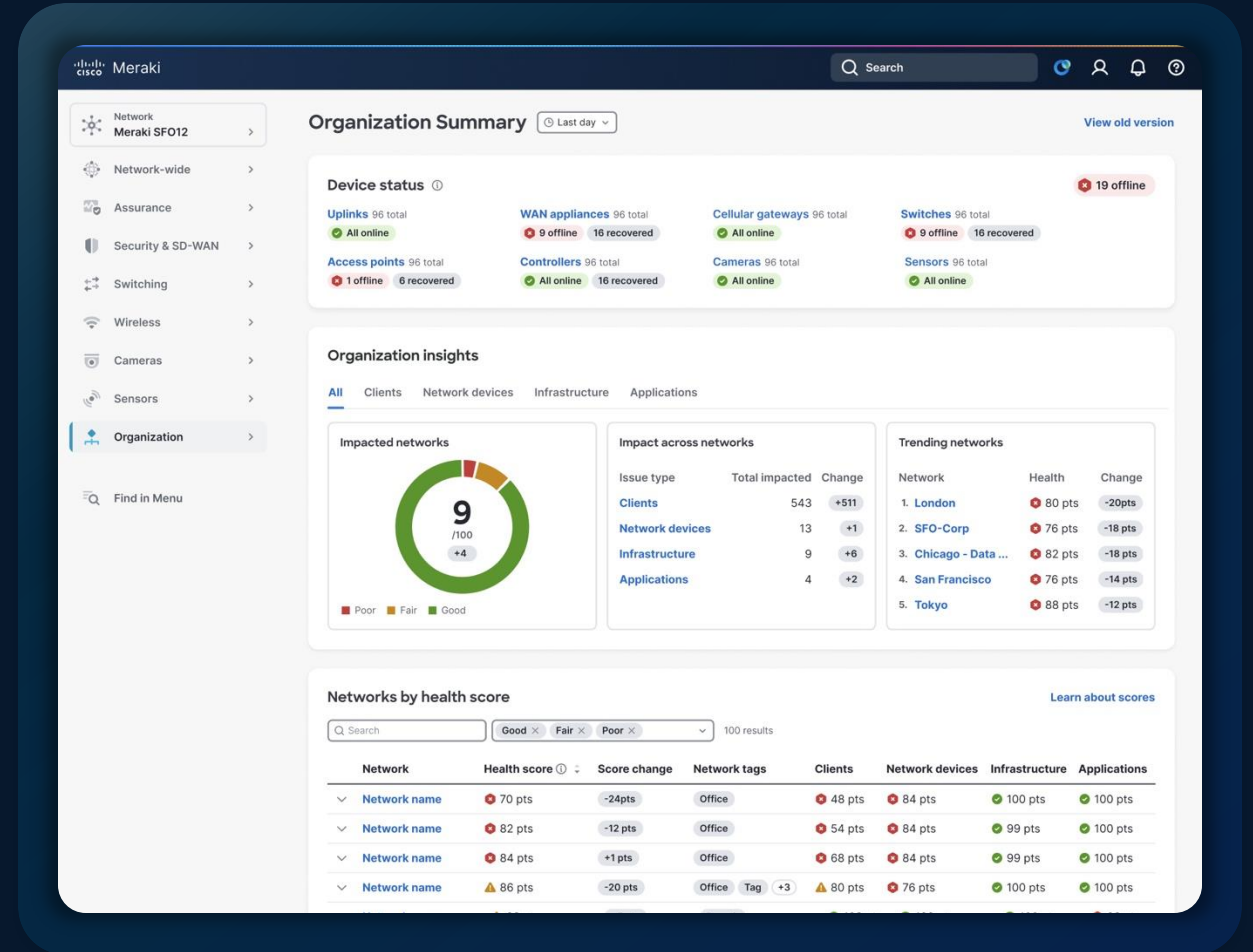
GA | JUNE- AVAILABLE

# Unified Management – Catalyst and Meraki, any environment

Seamless control across cloud, on-prem, or hybrid

New enterprise campus capabilities

AI-powered automation and assurance



AVAILABLE | NOW

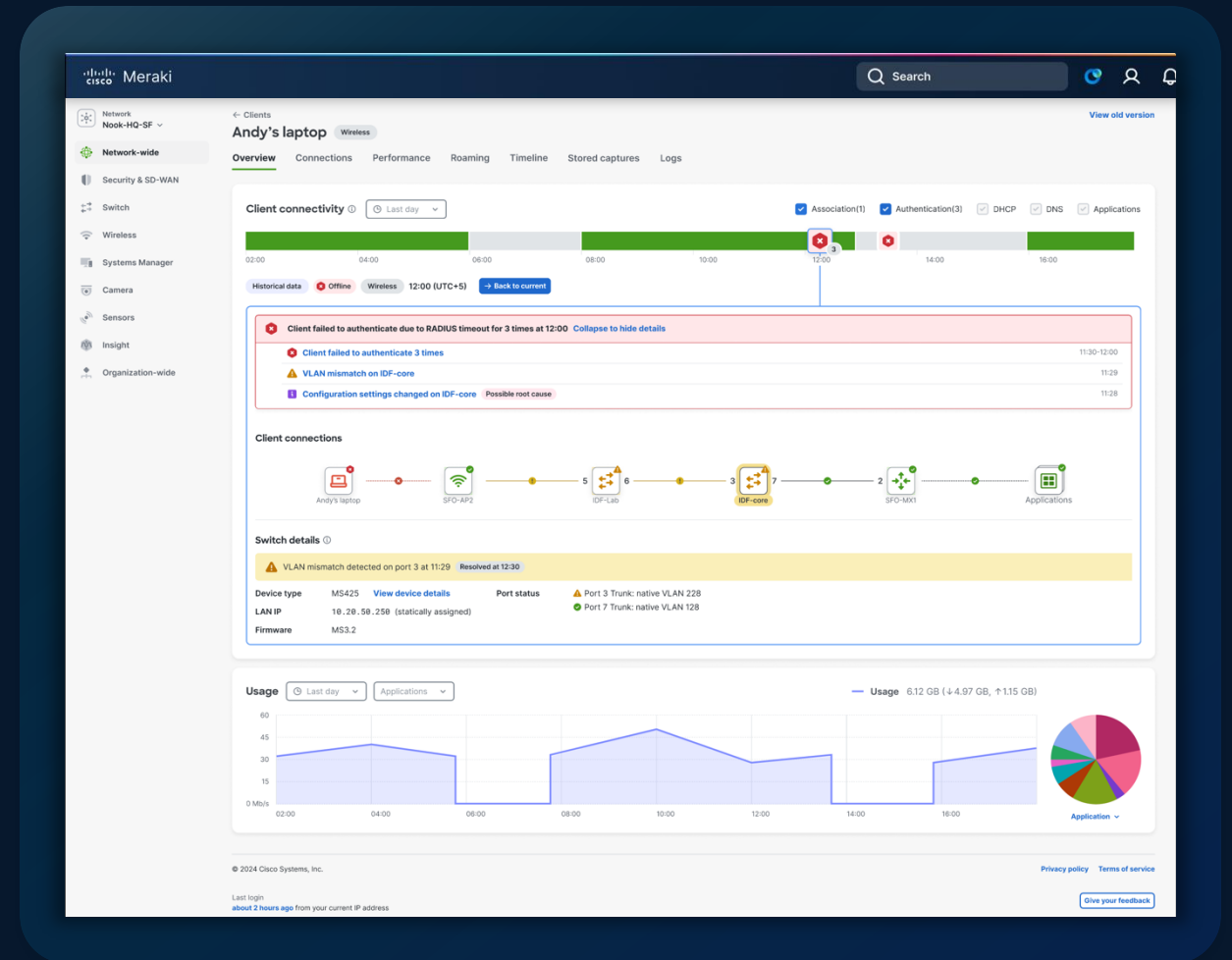
# Assurance across every digital experience

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



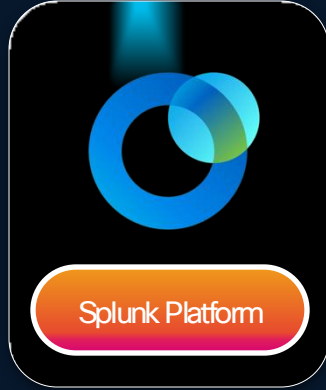
# Individual AI Assistants Are Integrated Across Cisco

 <b>Security</b>	Firewall, Secure Access, Hypershield, Duo, Identity Intelligence, Splunk Enterprise Security, ISE
 <b>Networking</b>	Meraki, Catalyst Center, Catalyst SD-WAN, ThousandEyes, Intersight, Mobility Services
 <b>Observability</b>	Splunk Observability (Cloud, ITSI, AppDynamics)
 <b>Data</b>	Splunk Platform
 <b>Collaboration</b>	Webex Control Hub
 <b>Service Ops</b>	Customer Experience

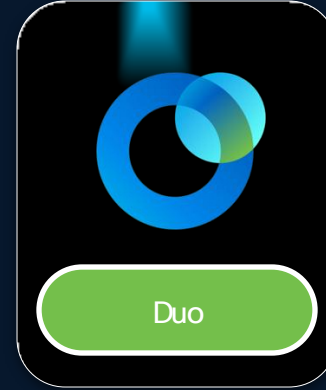
# Skills Across Products Examples



1. Connection & Security logs
2. Policy inquiry
3. Policy creation



1. SPL generation
2. SPL querying
3. Data summarization



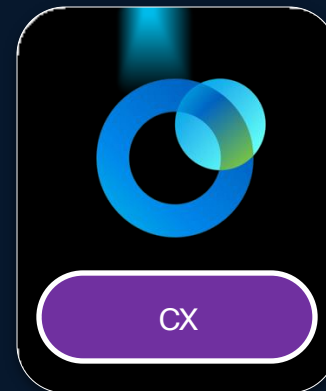
1. User activity timeline
2. Device info & compliance
3. Authentication logs



1. Client troubleshooting
2. Device troubleshooting
3. App troubleshooting



1. Internet outages
2. Network events
3. User to app troubleshooting



1. TAC case management
2. Field notices
3. Vulnerability & PSIRTs

# Cisco Networking AI Assistant Skills

## Documentation Summarization

Summarize key documentation and best practices for quick guidance.

## Troubleshooting

Diagnose issues and recommend solutions based on network data.

## Impact Analysis & Optimization

Assess impacts of changes and optimize for efficiency.



Networking

## Network Visibility

Monitor real-time and historical network health and performance.

## Configuration & Migration

Assist with feature setup and migration readiness.

## Support & Case Management

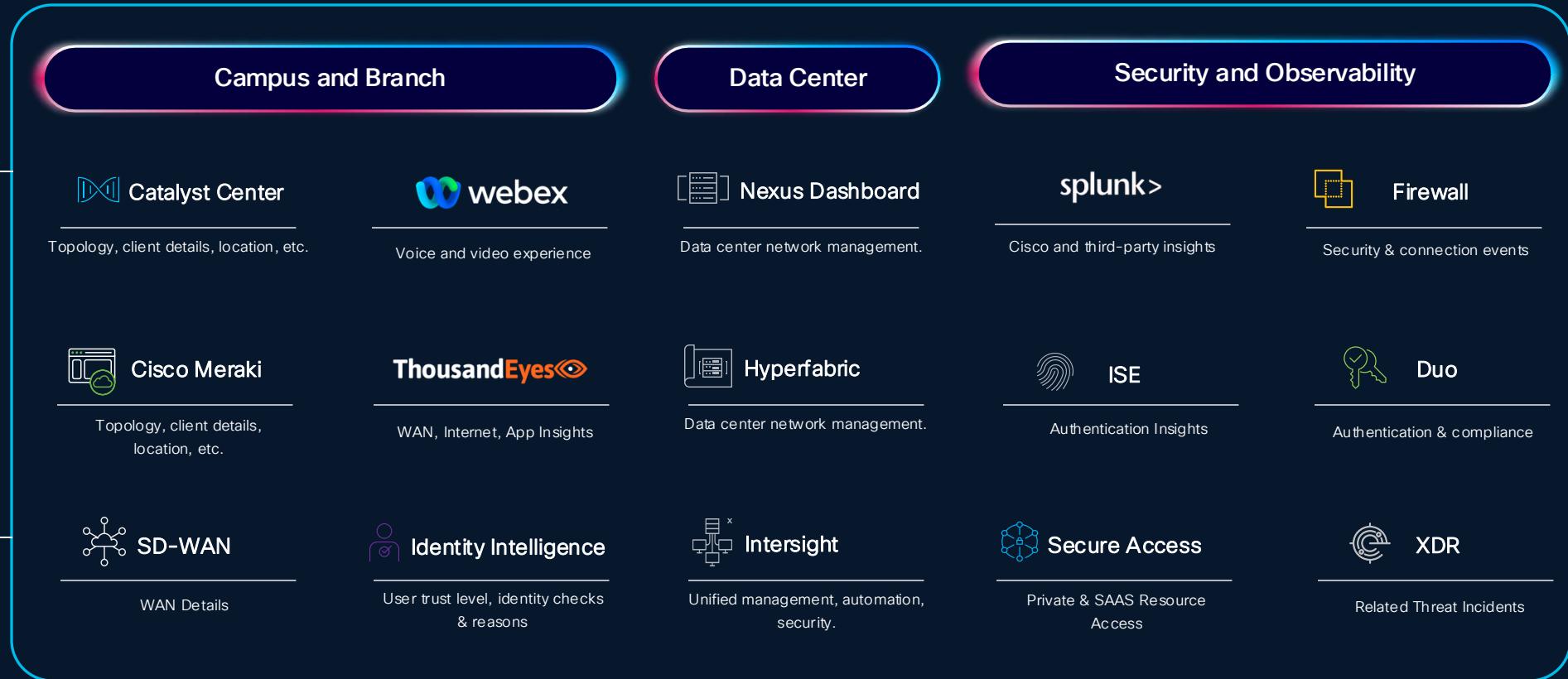
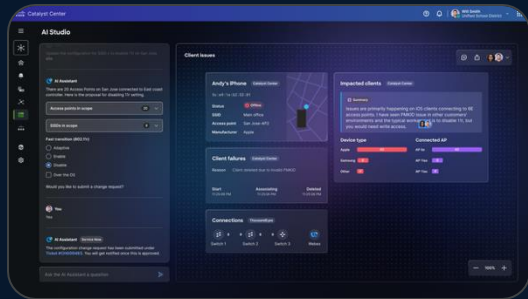
Streamline TAC support and automate case management tasks.

# Unifying Cisco AI Assistants enables a network of AI Agents across domains and enables cross-product skills

AI Assistant



AI Canvas



ALPHA | OCTOBER

# Introducing 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



# Deep Network Model

## The most advanced networking LLM

### Purpose-Built for Networking

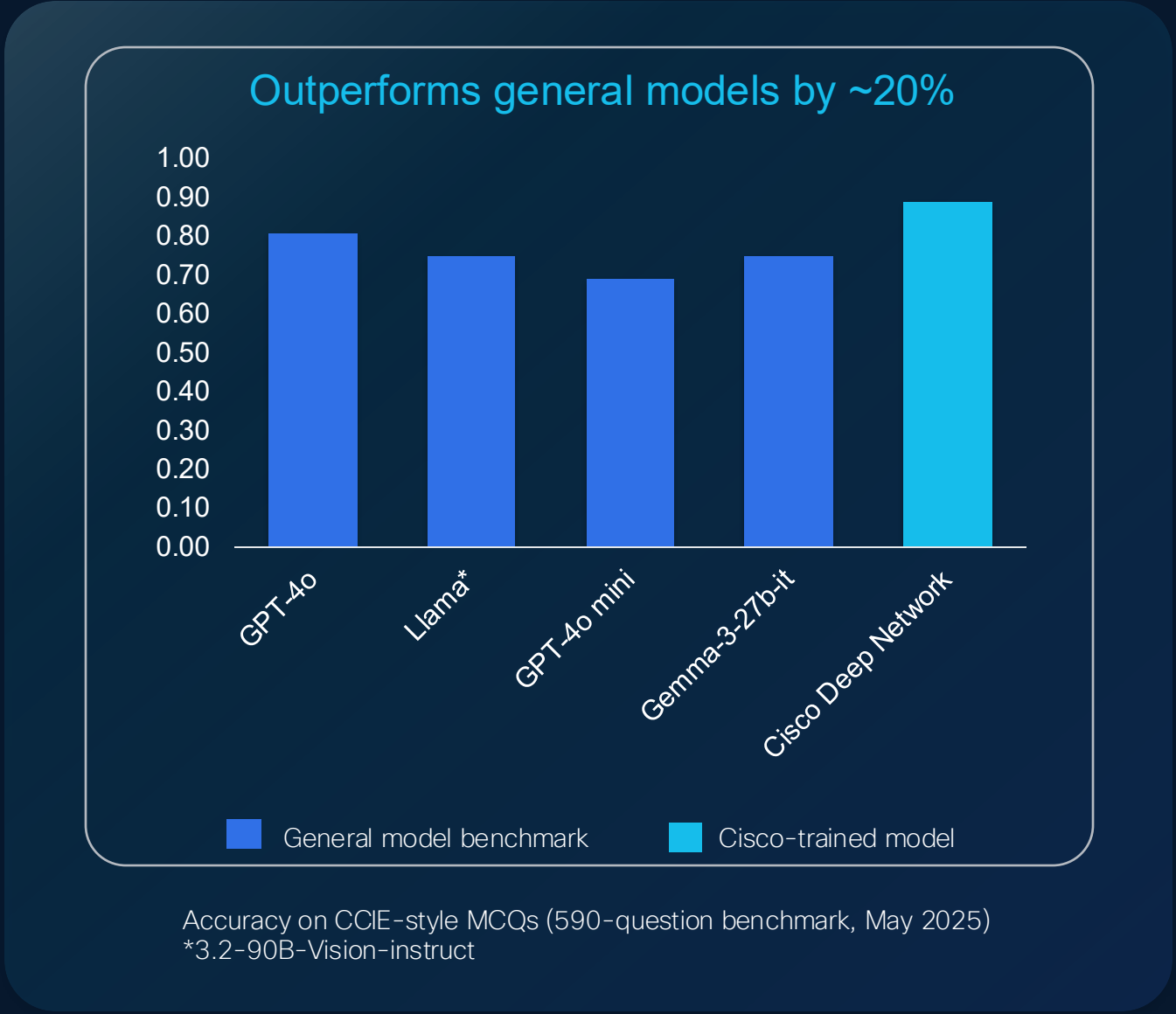
Up to 20% more precise reasoning for troubleshooting, configuration, and automation.

### Trusted Training

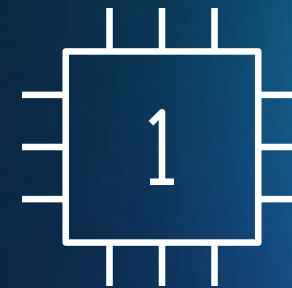
Fine-tuned on 40+ years of Cisco expertise and expert-vetted for accuracy.

### Continuous Learning

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



**Scalable devices ready for AI**



# What does it mean to build hardware for the AI era?

## Silicon

Massive packet bandwidth, high forwarding performance, large forwarding info base, P4 programmable for future protocols

## OS

Pervasive programmability, deep observability, highly scalable, near-zero downtime architecture

## System

Integrated application hosting, AI driven visibility, Programmable open ecosystem, power efficient

Smart Switches



NEW

Secure Routers



NEW

Campus Gateway



NEW

Large Venue Wi-Fi 7



NEW

Scale OT for AI



NEW

# Introducing

A new lineup for the  
new network

# Introducing

## Smart Switches for the AI-powered campus

High-performance,  
low latency

Cisco Silicon One +  
co-processor for  
security and AI

Post-quantum  
secure

Intelligent energy  
efficiency



## Cisco C9350 & C9610 Smart Switches

AVAILABLE JULY 2025

High-scale and low latency for time-sensitive applications

Boosts hardware encryption post quantum security

Flexible and programmable for future AI and ML workloads

Efficient power performance

# Powered by

## Cisco Silicon One for Scale, Security, and Efficiency



## Silicon One A100L and Silicon One K100L

More throughput to support increased traffic to data center

Advanced routing and firewall for secure SD-WAN and SASE

Post-quantum secure

# Introducing Secure Routers for the AI-powered unified branch



AVAILABLE JUNE 2025

## Cisco 8000 Secure Routers

# Purpose built for the Future AI Workloads

## Secure Networking Processor



64-bit Multi-threaded Parallel Processing  
Embedded Security Engine  
Hardware Accelerated Dataplane

## Greater IO



10GE Interfaces in Branch  
25GE Interfaces for Campus  
40GE/100GE Interfaces for DC

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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

Industry first  
enterprise-grade  
large venue  
Wi-Fi 7 AP

Fast deployment  
for auditoriums,  
stadiums, and arenas

Highly configurable  
radios to optimize  
coverage patterns

# Introducing Industry first Large Venue Wi-Fi 7 Access Points



AVAILABLE JUNE 2025

**Cisco CW9179F**

# Introducing

## Wi-Fi + Ultra-Reliable Wireless Backhaul



AVAILABLE JULY 2025

Cisco IW9165 | Cisco IW9167

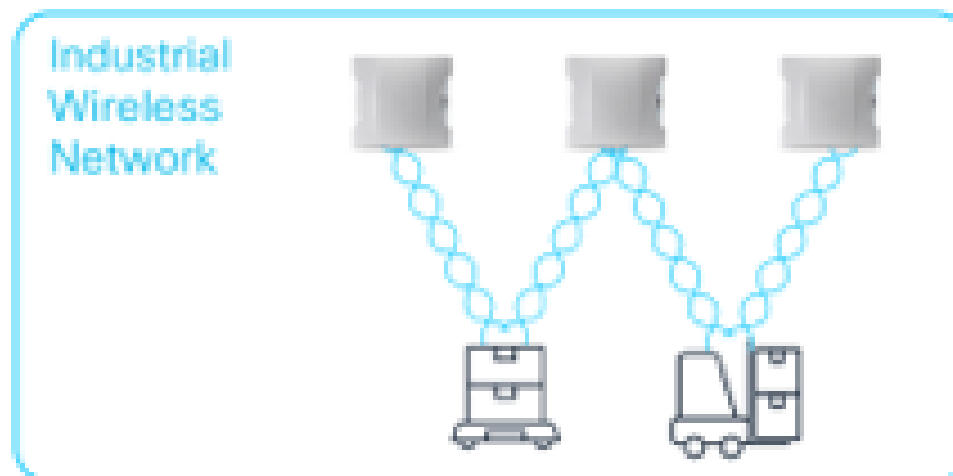
Single access point  
to connect end users  
and industrial AI

Highly resilient,  
always-on  
connectivity

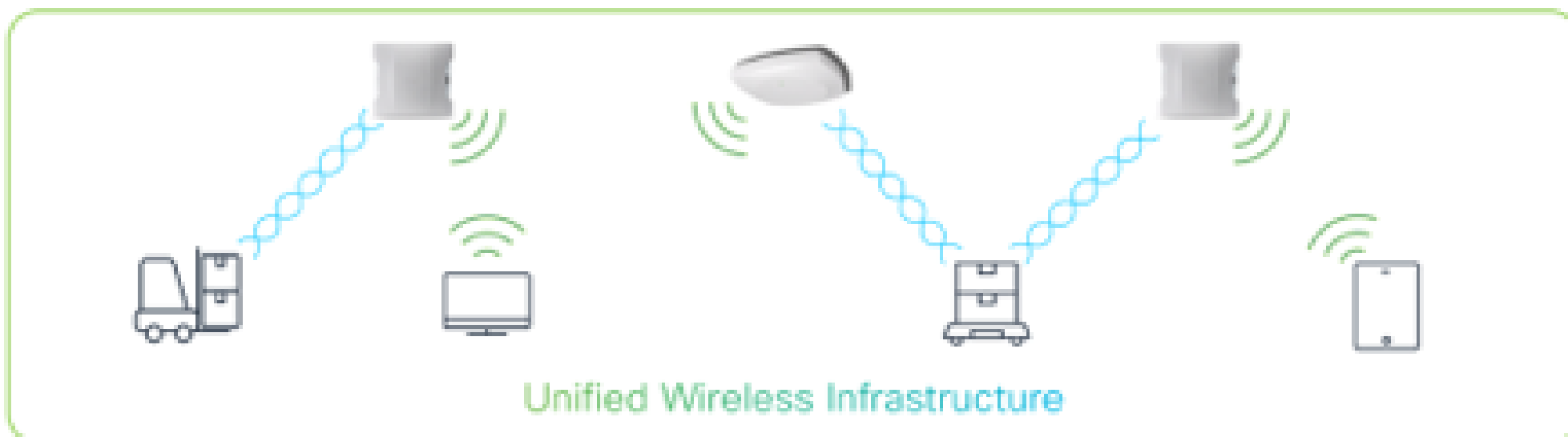
Ultra-low latency  
and high reliability

# Introducing Wi-Fi and URWB unified infrastructure

Before



Now



# Introducing

## All New Industrial Ethernet Portfolio

19 versatile  
form factors

Up to 54 Gbps  
throughput

720W per  
switch

Cyber Vision  
embedded  
security



Cisco IE3100/H | Cisco IE3500/H | Cisco IE9300

AVAILABLE JULY 2025

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 users, things,  
and agents



Securing network  
access



Securing network  
connectivity



Securing the device



# Security fused into the network



## Securing users, things & agents

Common policy, distributed enforcement

- UZTNA
- SASE



## Securing network access

Policy attached to every packet traversing the network

- Scalable segmentation
- Software-Defined Access
- Security Group Tags
- AI device classification
- Common policy
- Hypershield-ready



## Securing network connectivity

Safeguarding and optimizing network connections

- Quantum-resistant encryption for data in transit:
  - MACsec
  - IPsec
  - WAN MACsec



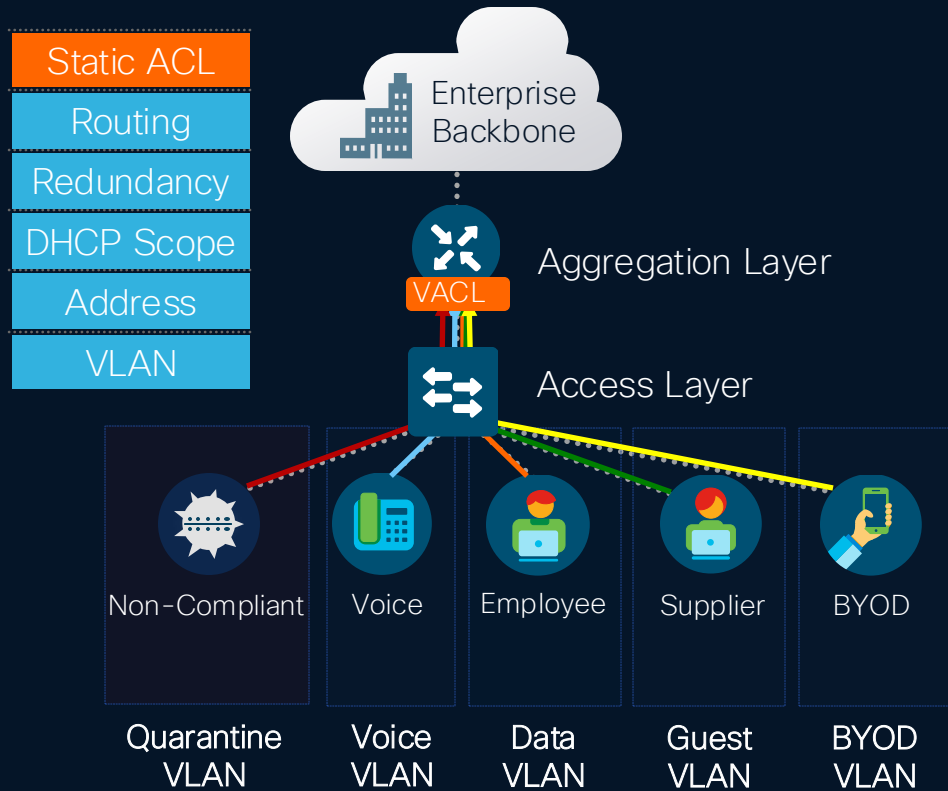
## Securing the device

Protecting and ensuring compliance of devices

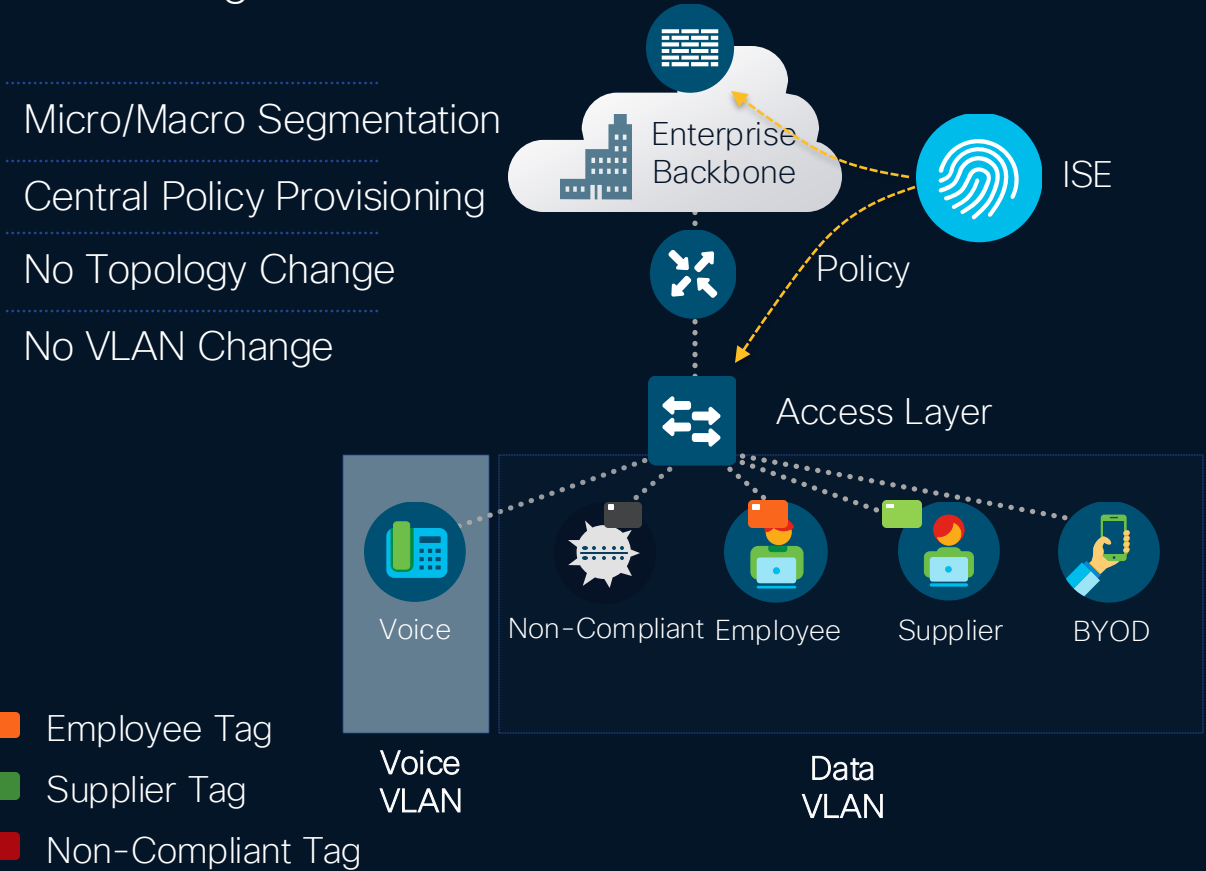
- Quantum-resistant secure boot
- Compensating controls with Cisco Live Protect

# Security Group TAG – Simplifies Segmentation and Access Control

## Traditional Segmentation



## SGT Segmentation



# ISE Profiling packages and integrations

## Medical Devices



Hospital



250+ Medical device profiles

Pharma-Smart-Device
Philips-Analytical-X-Ray-Device
Philips-CareServant-Device
Philips-Healthcare-PCCI-Device
Philips-Medical-Systems-Device
Philips-Oral-Healthcare-Device
Philips-Patient-Monitoring-Device
Philips-Personal-Health-Device
Philips-Respironics-Device
Phonak-Communications-Device

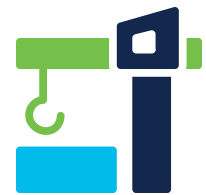
## IOT Building & Automation

Library

XML



Siemens-Device
Siemens-Automation-Drives-Device
Siemens-Building-Device
Siemens-Building-Technologies-Device
Siemens-Convergence-Device
Siemens-Digital-Factory-Device
Siemens-Energy-Automation-Device
Siemens-Energy-Management-Device
Siemens-Home-Office-Device
Siemens-Industrial-Automation-Device



Factory



Industrial Devices

# pxGrid



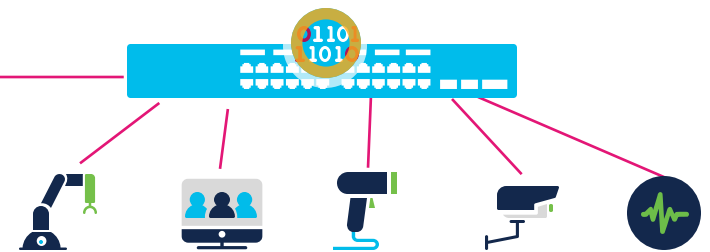
Cisco  
CyberVision

# pxGrid

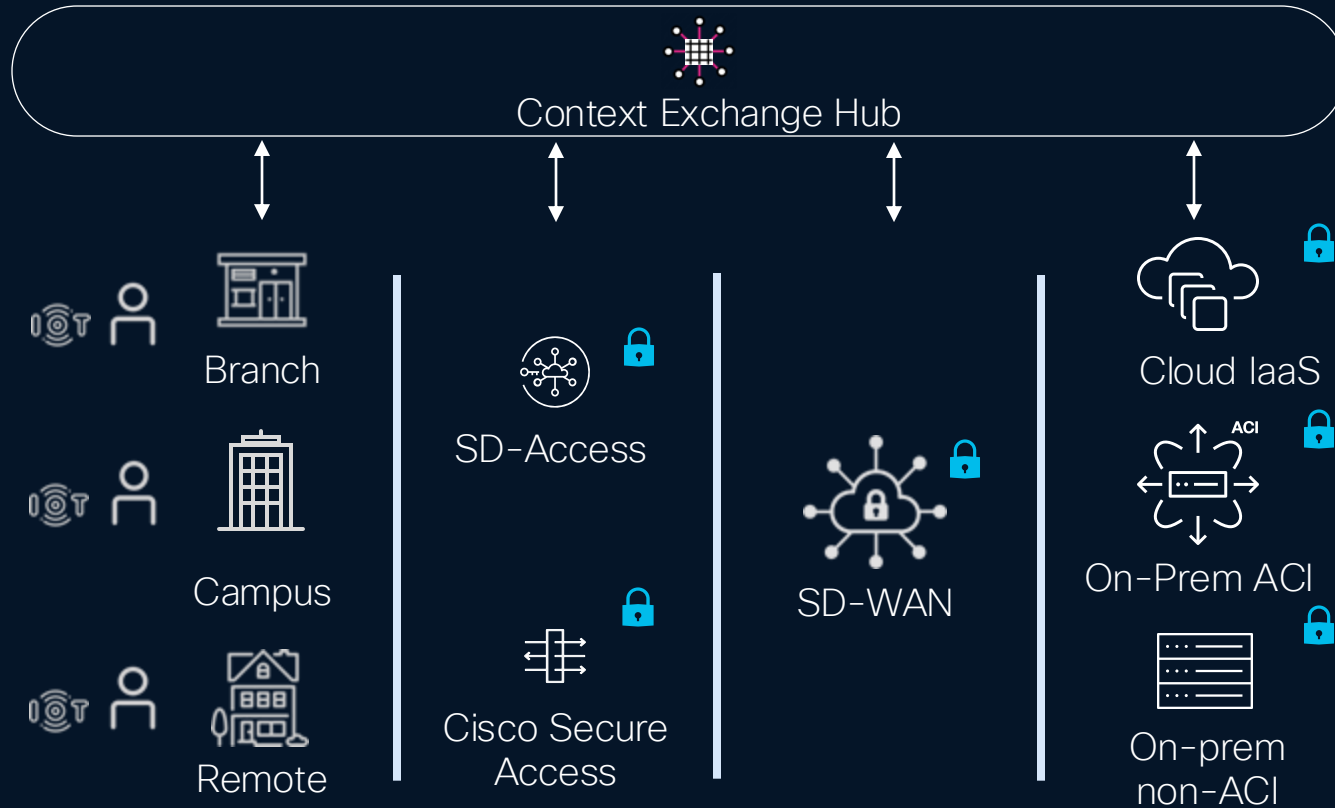


Cisco AI Endpoint Analytics

Profiles IOT devices and sends endpoint labels via pxGrid to ISE for authorization



# Common policy – Access, WAN, DC (On-prem and Cloud)



 Policy Enforcement Points:  
Consistent Policies

- ✓ Build context in its local domain and store it as standard security group tags (SGT)
- ✓ Share context everywhere, across networking and security domains
- ✓ Enforce consistent SGT based policies, enable simple and unified policy experience

 Context-aware policies for on-prem app and cloud workloads for multiple enforcement points

# Securing the branch with SASE



NEW

# Cisco SASE

Now unified on Cisco Secure Access

Cisco Secure Access

Catalyst SD-WAN

Firewall SD-WAN

**NEW** Meraki SD-WAN

Flexibility to choose  
optimal connectivity

Unified security policy with  
Security Cloud Control

Consistent cloud  
enforcement

Thank you



# Cisco's position as the market leader

#1

Market share leader for wireless and switching

35M

Networking devices connected and managed through the unified platform

1B

Monthly connected clients to Cisco networks

# Lead with Cisco Strengths

- 1 Overall Viability:** Cisco's wired and wireless LAN offerings have a broad geographic reach that allow Cisco to provide products and service in all regions.
- 2 Product:** The integration of ThousandEyes into its Catalyst Center and Meraki Cloud provides advanced capability for granular hop-by-hop observability and troubleshooting.
- 3 Business Model:** Cisco's Wi-Fi 7 access points introduce a unified licensing model, simplifying the buying experience. This commercial model is planned to be applied to all future released hardware offerings.

Only Cisco can deliver on the breadth of use cases our customers require at a level of unmatched resiliency, security, and scale.

From end-to-end assurance, Agentic Ops, and the power of unified, scalable management, Cisco differentiates across the platform

Not only are we delivering operational simplicity, we're delivering on our promise to make Cisco easy to do business with.