

Cisco & Atea

Intelligent Netværksdrift: Fra sikkerhed til AI



Rene Andersen

Solution Engineer - Cisco

Allan Stølegaard

Principal Solution Advisor - Atea



A platform strategy that meets customers where they are



Cloud



On-prem

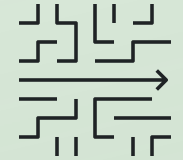


Hybrid

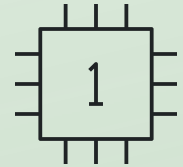
ONE HARDWARE | ONE LICENSE | ONE SUPPORT

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

Our unified platform

PLATFORM

Management

Assurances

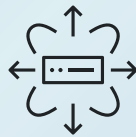
API / Integration

Intelligence

HARDWARE



Smart
Switches



Secure
Routers



Wireless



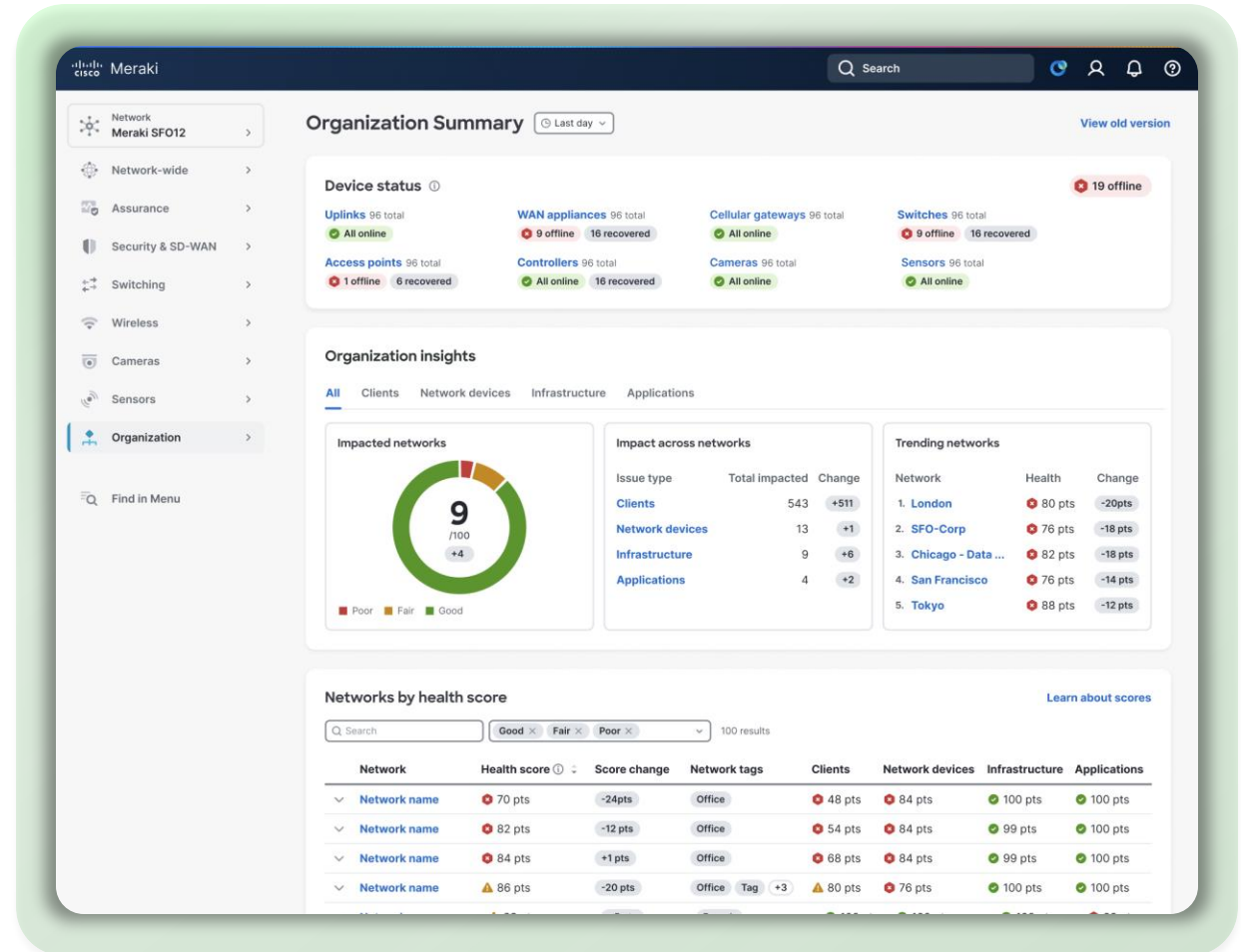
Industrial
IoT

Unified Management – Catalyst and Meraki, any environment

Seamless control across cloud, on-prem, or hybrid

New enterprise campus capabilities

AI-powered automation and assurance



INTRODUCING

AgenticOps

Agent-First Operations

**Purpose-Built Decision Model
with Continuous Learning**

**Cross Domain
Operations**

**Autonomy with
oversight**

Deep Network Model

The most advanced networking LLM

Purpose-Built for Networking

20% more precise reasoning for troubleshooting, configuration, and automation

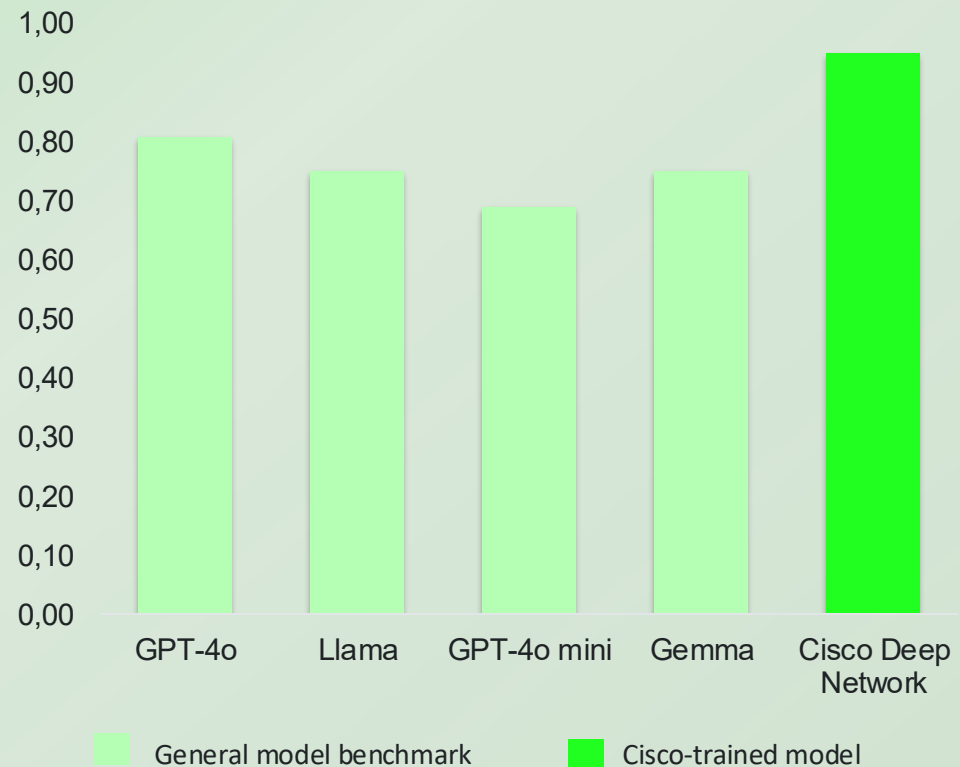
Trusted Training

Fine-tuned on 40+ years of CiscoU and CCIE-level expertise.

Continuous Learning

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

Outperforms general models by ~20%



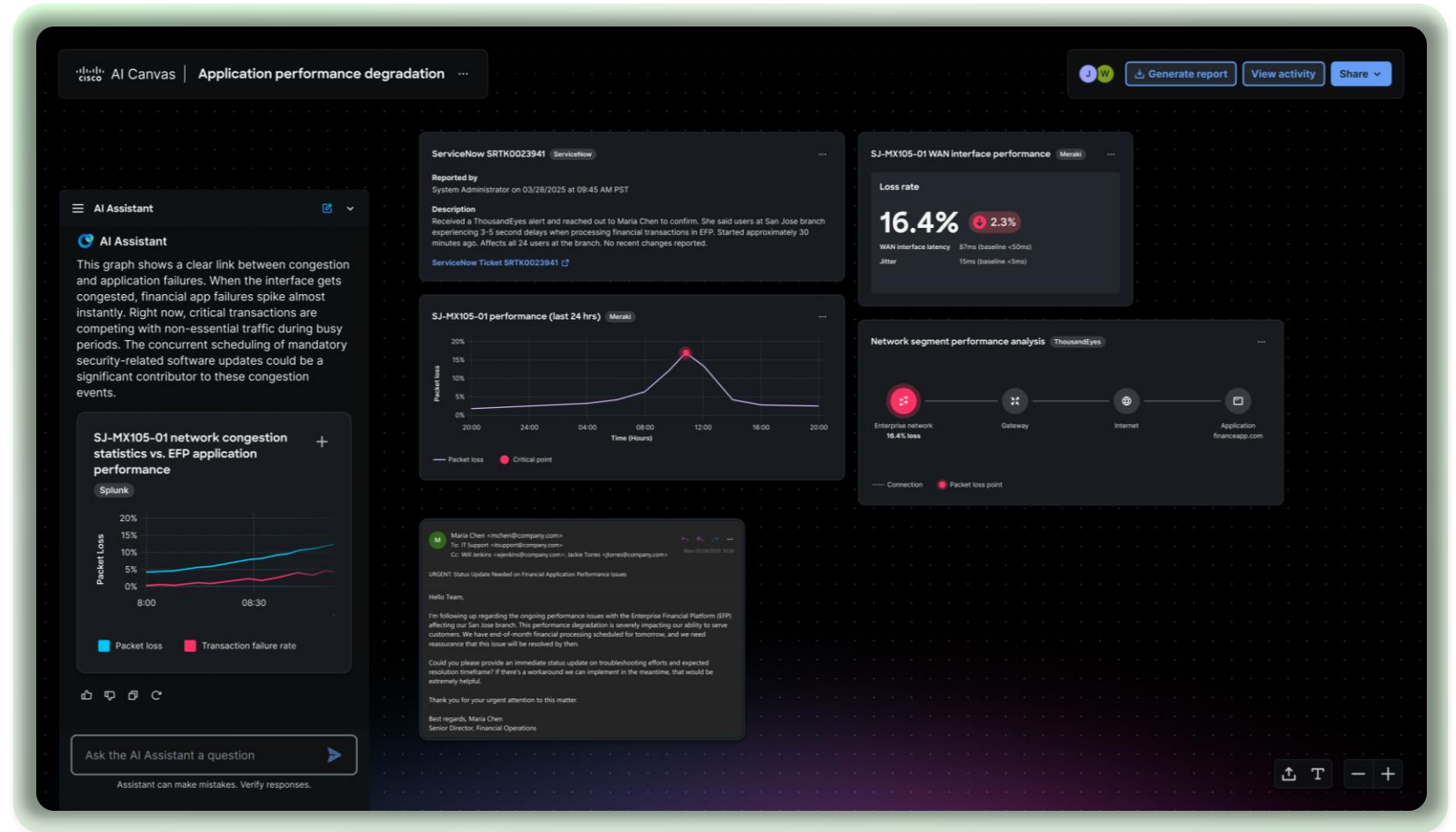
Accuracy on CCIE-style MCQs (590-question benchmark, May 2025)

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



Introducing AI Canvas

Single canvas for cross
domain troubleshooting

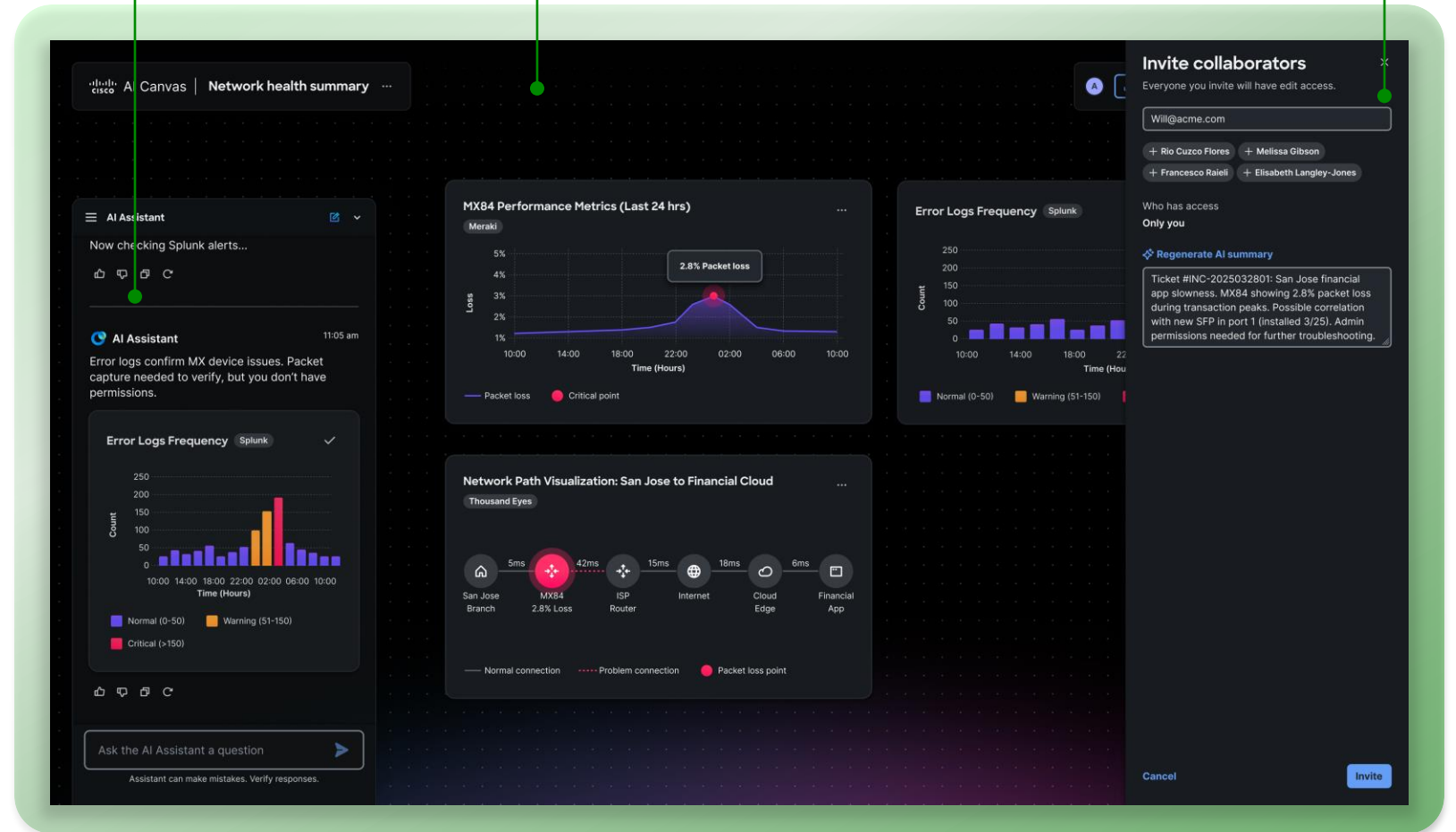
Generative UI with
reasoning built-in

Keeps NetOps, SecOps,
IT and execs on the same page

AI Assistant

Shared Workspace

Users

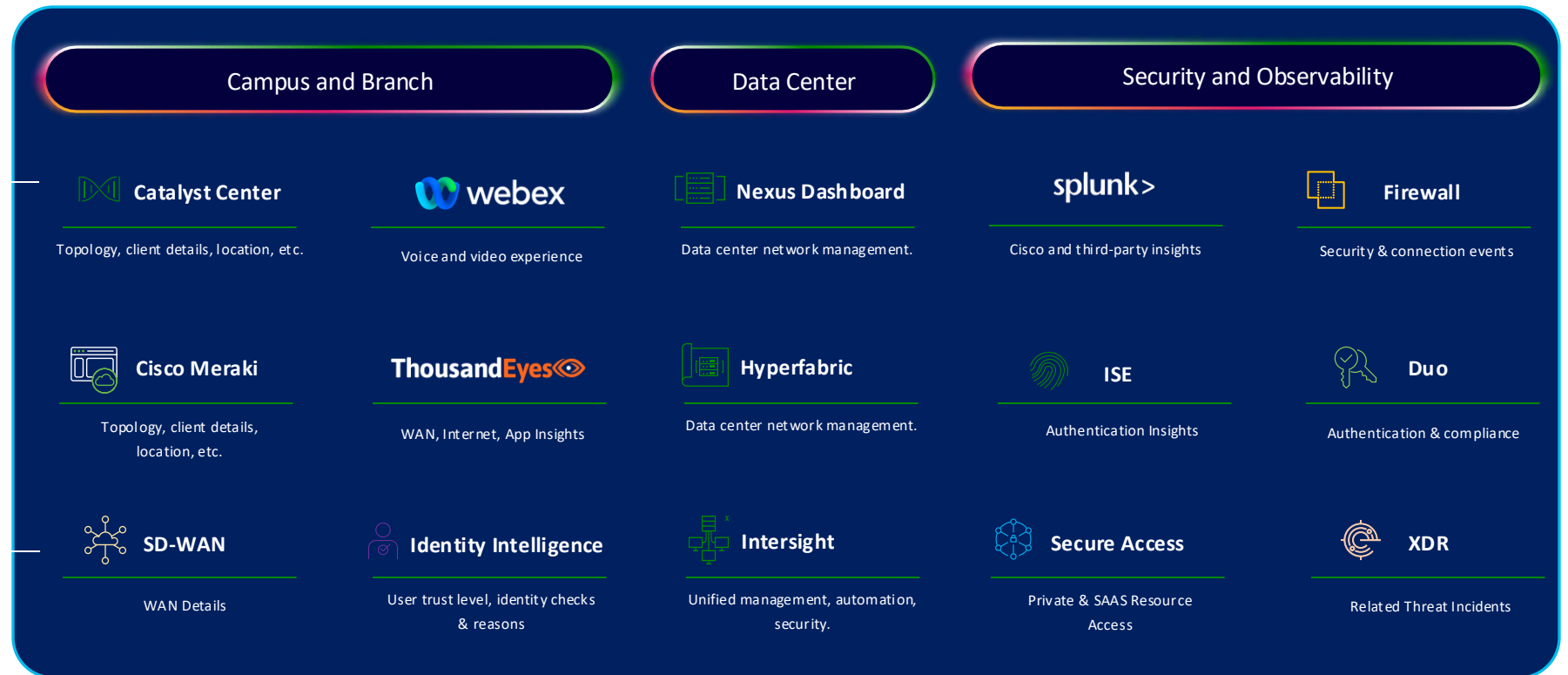
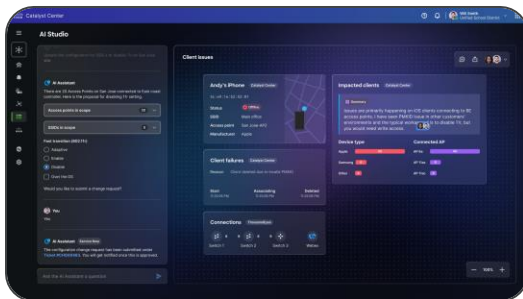


AI Canvas is the AgenticOps Platform

AI Assistant



AI Canvas

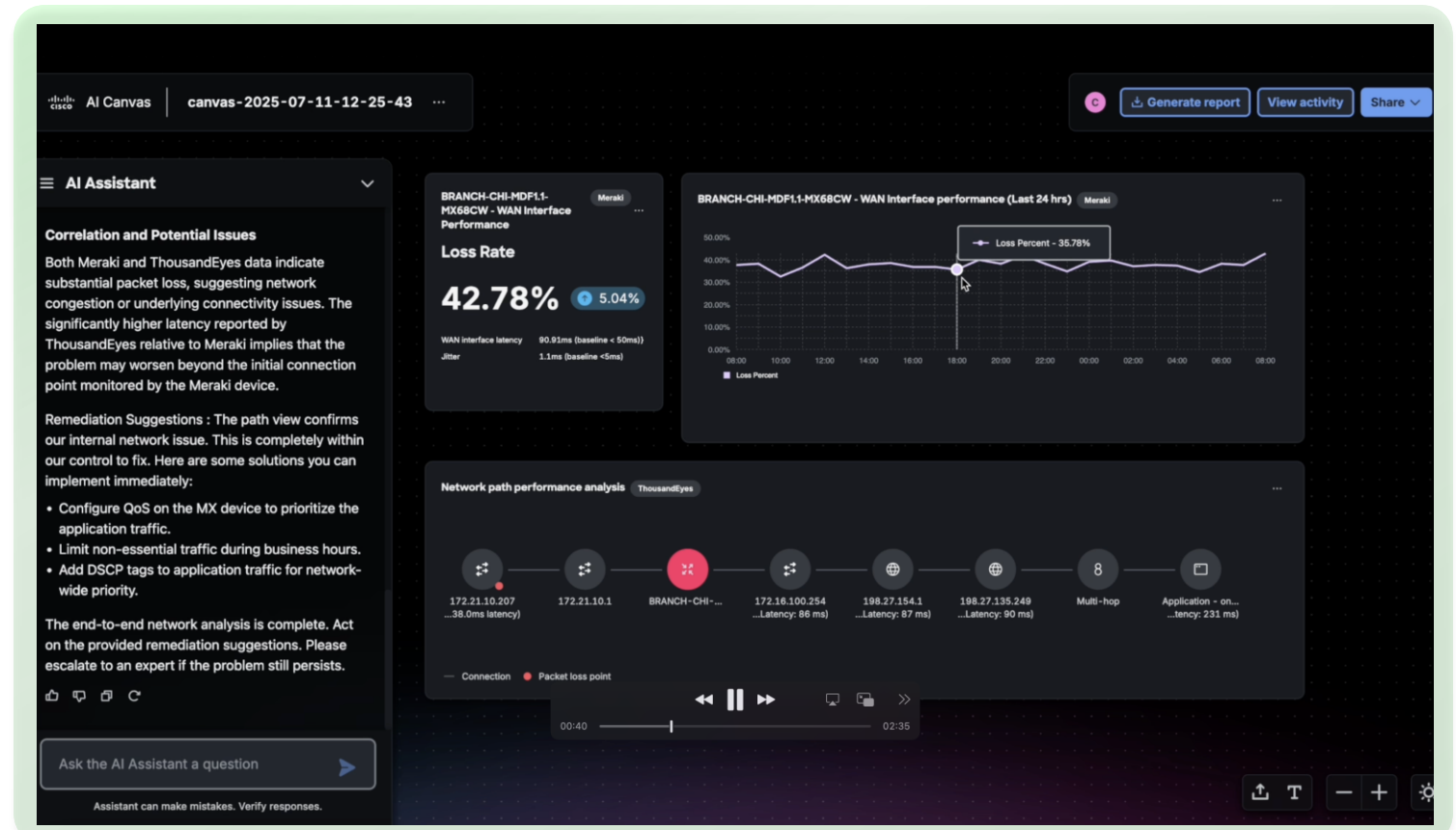


Investigate an open ticket from ServiceNow

The AI Assistant guides interactions with the network in natural language

AI Canvas reads the ticket and reasons how to solve the problem

Collects information from tools like ThousandEyes, Meraki, and Splunk to troubleshoot the issue

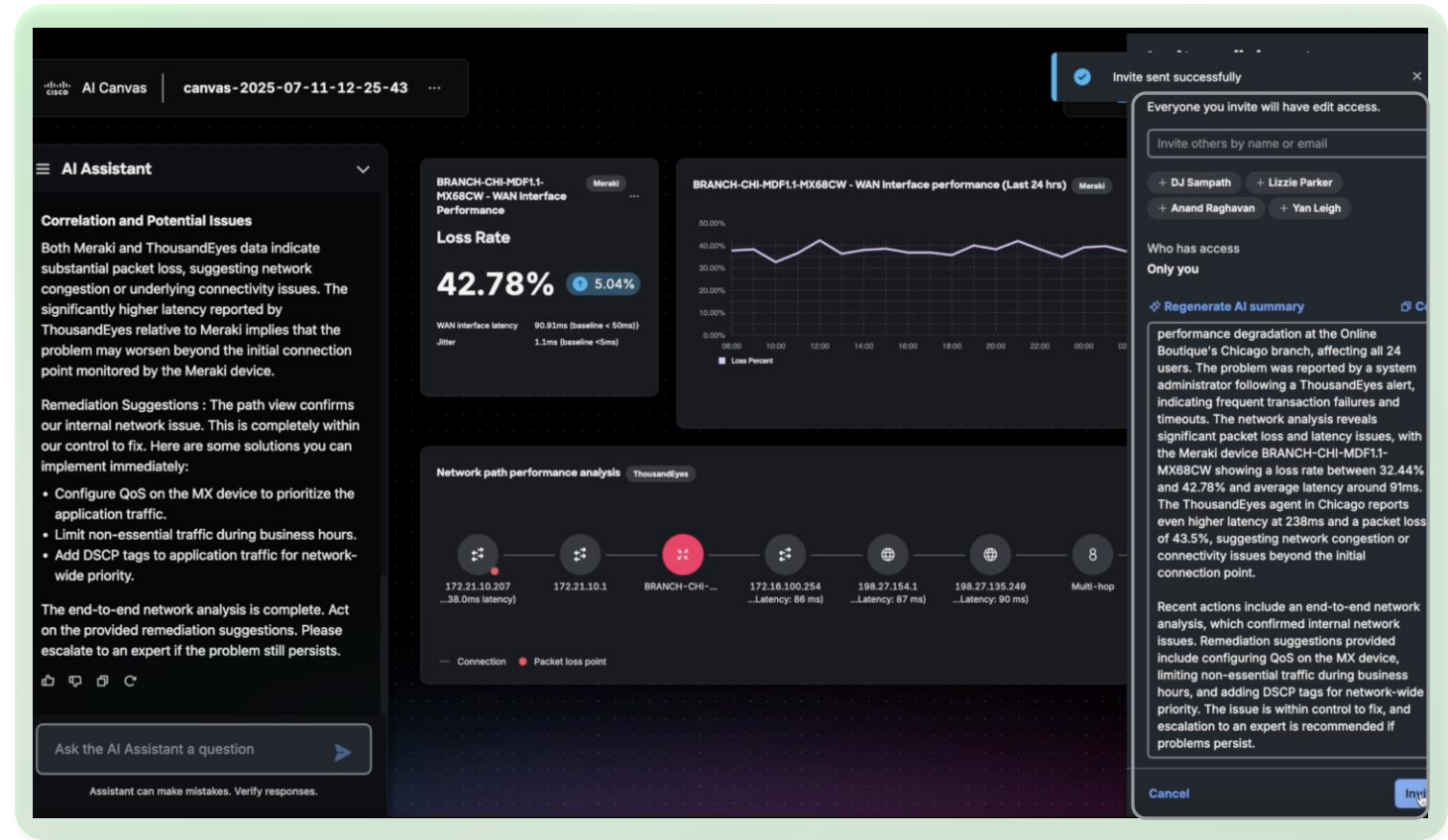


Collaboration Across Multiple Teams and Users

One shared workspace for NetOps, SecOps, IT, and execs

Drag and drop findings to persist and share with the team

AI evolves Canvas with every question, insight, and action

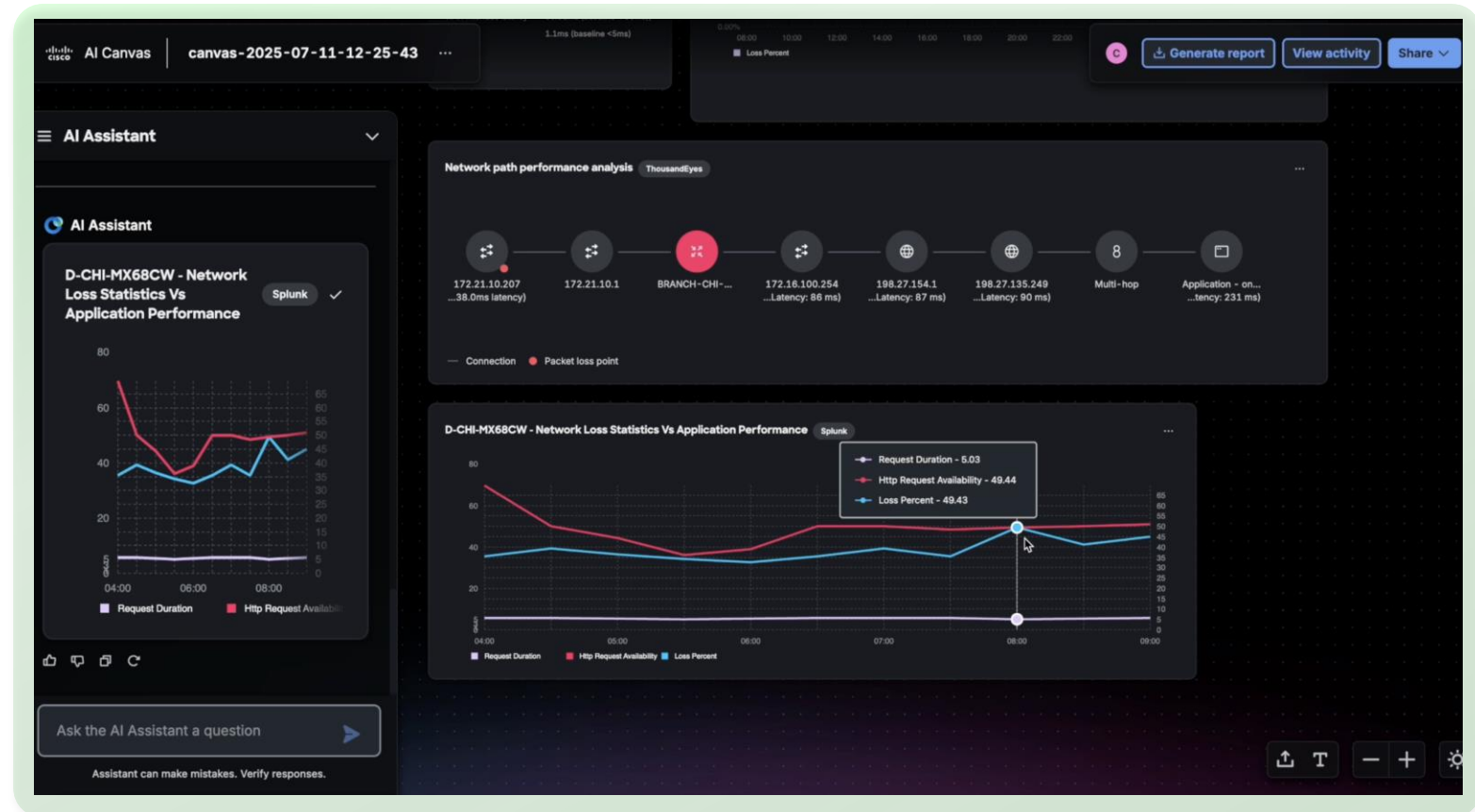


Troubleshooting and Execution Across Multiple Domains

Unifies telemetry across Cisco networking, security, cloud, apps

AI correlates and diagnoses across the full stack

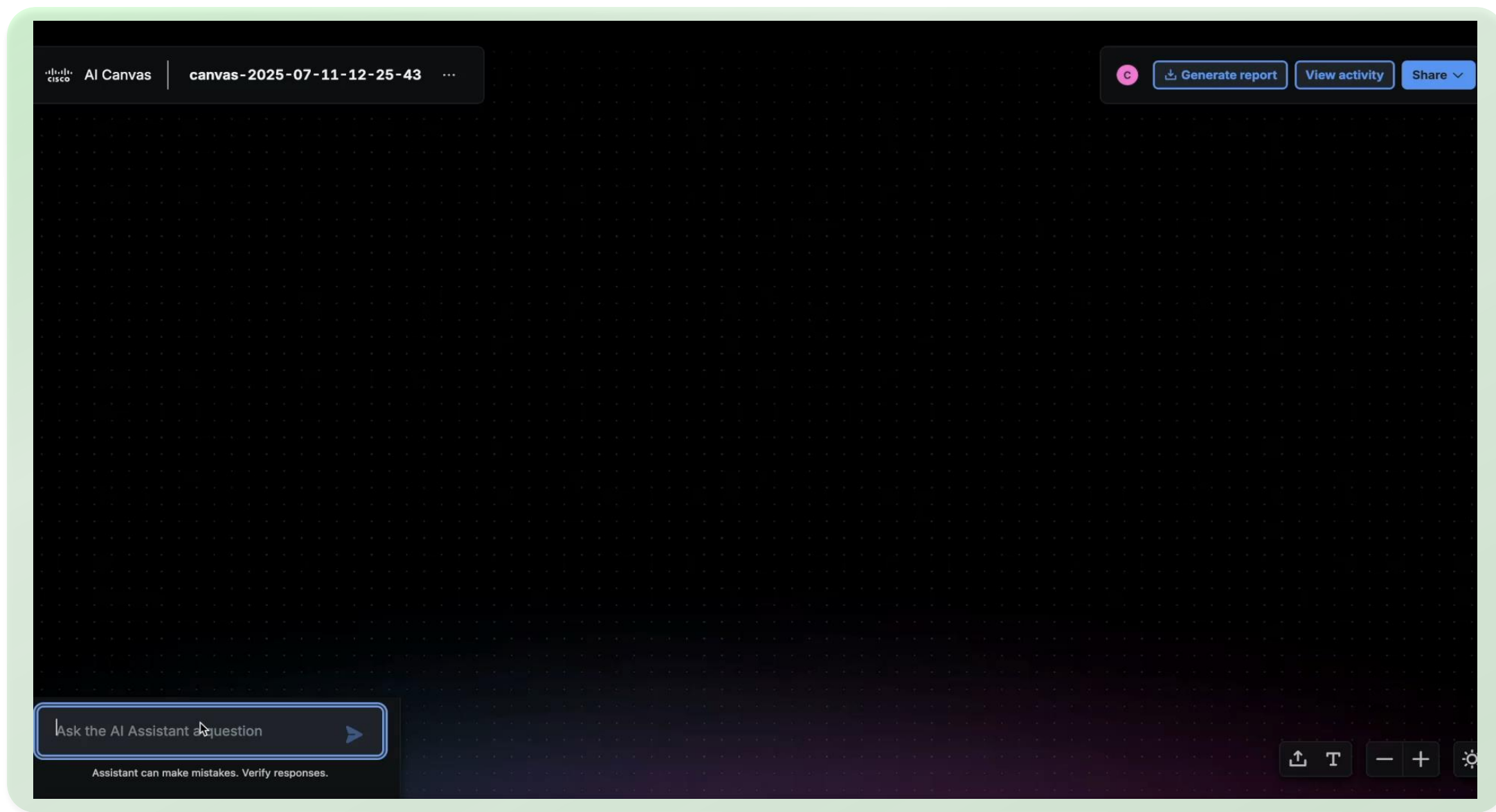
Executes agentic workflows across domains



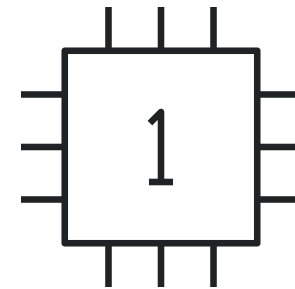
Cisco AI Canvas

Demo

AI Canvas Demo (2min 35sec)



Scalable devices ready for AI



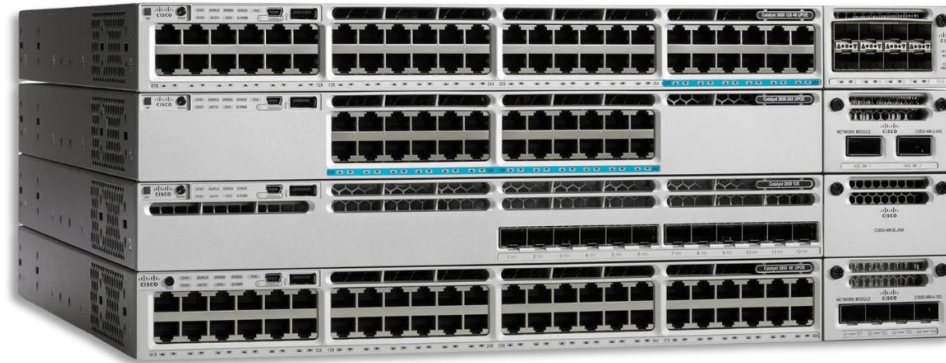
High-performance,
low latency

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

AVAILABLE JUNE 2025

19 versatile
form factors

Up to 54 Gbps
throughput

720W per
switch

Cyber Vision
embedded security

Introducing

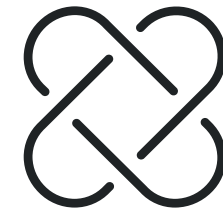
All New Industrial Ethernet Portfolio



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

AVAILABLE JULY 2025

Unified Management detailed capabilities



Expanded cloud management for Catalyst portfolio



Wireless

Full wireless support
Scale large campus wireless with
Campus Gateway

GA | MAY



Switching

Expanded management for access and
core switching, including C9200 and
C9500

GA | JULY



Routing

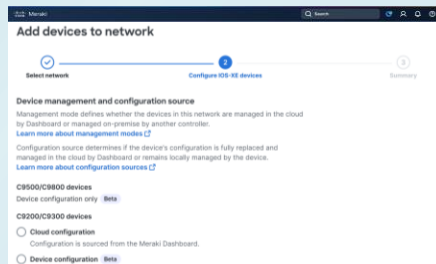
Next-gen routing
support coming

ALPHA | JUNE

Cloud management powered by cloud-native IOS XE

Large campus cloud capabilities

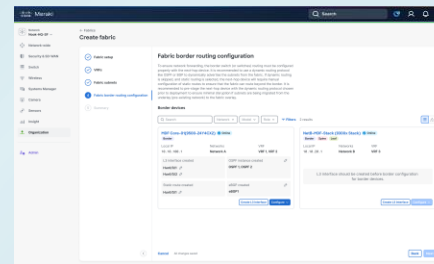
Powerful Switching Capabilities



Support campus
deployments with BGP, VRF, ISSU,
and IOS XE stacking

GA | MAY

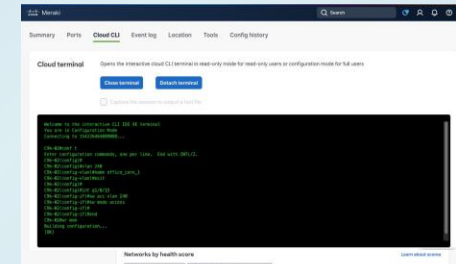
Fabric for Secure Networking



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

GA | JULY

Cloud CLI for Flexibility

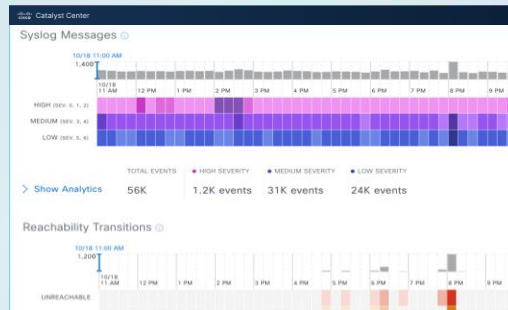


Simplify onboarding and flexibility
with operating mode options and
Cloud CLI

ALPHA | JUNE

Catalyst Center – simplifying Day N

AI Event Analytics



Single-pane-of-glass view across all network events to facilitate visibility and analytics

GA | NOW

RBAC by Site

Catalyst Center

Users and Roles

Local admin users External authorizations **Roles** Access groups

Search Role 14 groups [+ Create access group](#)

Access group	users	role	usage	Description
<input checked="" type="checkbox"/> SUPER_ADMIN_GLOBAL	1	SUPER ADMIN	Global	Access group for global access to the role SUPER ADMIN
<input checked="" type="checkbox"/> OBSERVER_GLOBAL	9	OBSERVER	Global	Access group for global access to the role OBSERVER
<input checked="" type="checkbox"/> NW_ADMIN_LOCAL	12	NW ADMIN	LOCAL	Access group for global access to the role NW ADMIN
<input checked="" type="checkbox"/> Admin - GUC	9	NW ADMIN	San Jose	Access group for accepted access to the role NETWORK ADMIN
<input checked="" type="checkbox"/> IT Support - East	24	ADMIN CUSTOM	Boston, NYC	Access group for accepted access to the role NETWORK ADMIN
<input checked="" type="checkbox"/> IT Support - West	16	ADMIN CUSTOM	San Jose, Memphis	Access group for accepted access to the role NETWORK ADMIN
<input checked="" type="checkbox"/> Observer - SAN	4	OBSERVER	San Diego	Access group for accepted access to the role OBSERVER
<input checked="" type="checkbox"/> Observer - SAN	4	OBSERVER	Sacramento	Access group for accepted access to the role OBSERVER
<input checked="" type="checkbox"/> Observer - SAN	10	OBSERVER	San Diego	Access group for accepted access to the role OBSERVER
<input checked="" type="checkbox"/> Observer - Security	8	OBSERVER	San Jose, Memphis	Access group for accepted access to the role OBSERVER

Items per page: | | ...

Granular Role-Based Access Control based on Site Scope

CONTROLLED AVAIL | JUNE

Rule Based Compliance

Add Condition

Pre-Condition: **Select**

Condition

Range: **Configuration** Operator: **Contains the string** Value:

☐ Raise as Breach

Action

Action: **Raise a violation** Violation severity: **Minor** Violation message type: **Default**

Does not match

Action: **Continue**

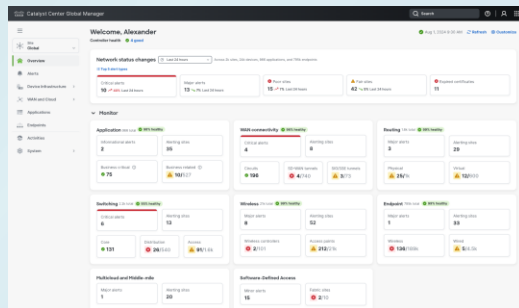
Save **Reset fields** **Cancel** No changes have been made yet.

Custom compliance rules to detect issues network-wide

CONTROLLED AVAIL | JUNE

Additional Catalyst center capabilities

Catalyst Center Global Manager



Streamline global network management from a single dashboard

CONTROLLED AVAIL | JUNE

Virtual Appliance Support for Azure

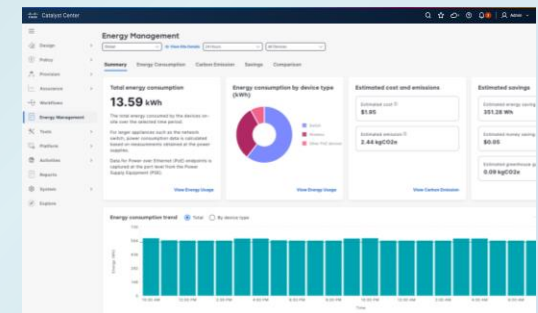


Microsoft Azure

Deploy a virtual appliance on Azure for operational flexibility

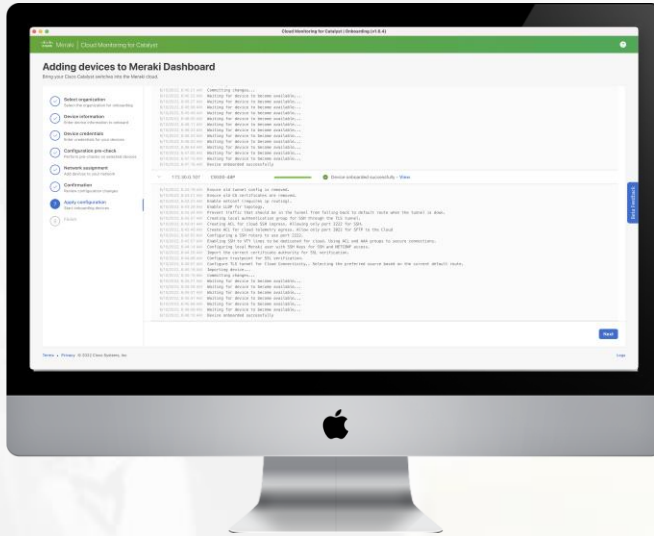
CONTROLLED AVAIL | JUNE

Energy Management



Optimize energy usage and save costs with standardized energy metrics and insights

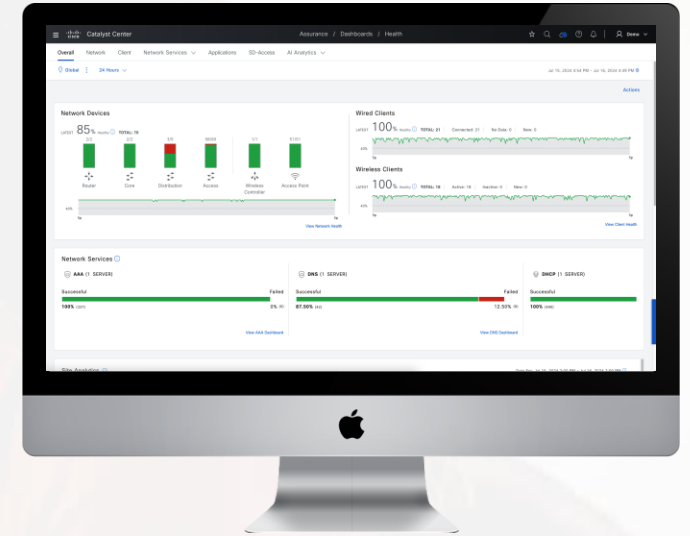
CONTROLLED AVAIL | JUNE



Meraki Dashboard



CLI/API Access



Catalyst Center



C9000 Switch

Customer's choice of management platform

New switching platform





Custom Cisco ASICs enables *full stack control, rapid innovation*, and helps Cisco stay *ahead of the market* compared to **merchant silicon**

16 nm
Technology

256K Routes
(16X UADP)

1.3 Tbps, 1.5 Bpps
ASIC Performance

A100

7 nm
Technology

2M+ Routes
(8X UADP)

6.4 Tbps, 3.9 Bpps
ASIC Performance

K100

Built-in Security – MACSEC and IPsec and authenticity of silicon

Flexible Tables – adaptable tables for varying deployments

Smart & Sustainable – High efficiency with low power (Gigs per Watt)

Enterprise Grade Silicon One

Cloud-Native IOS-XE builds on our existing infrastructure abstracting
& modularizing internal software processes, with a focus on 'model-driven' objects
and standard databases, to enable advanced **programmability, clustering & resiliency**.

30 Years of
Experience

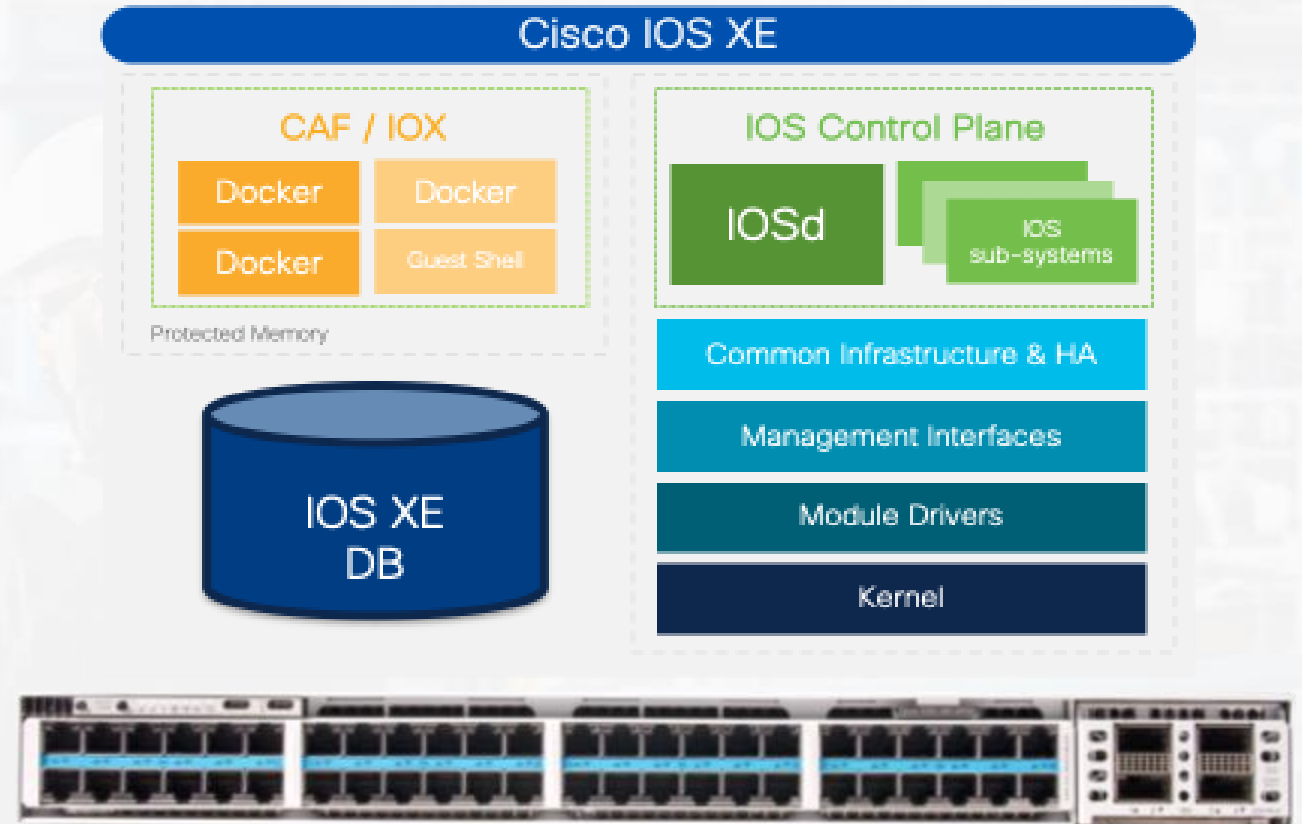
The most
feature-rich
network OS

Modern
Architecture

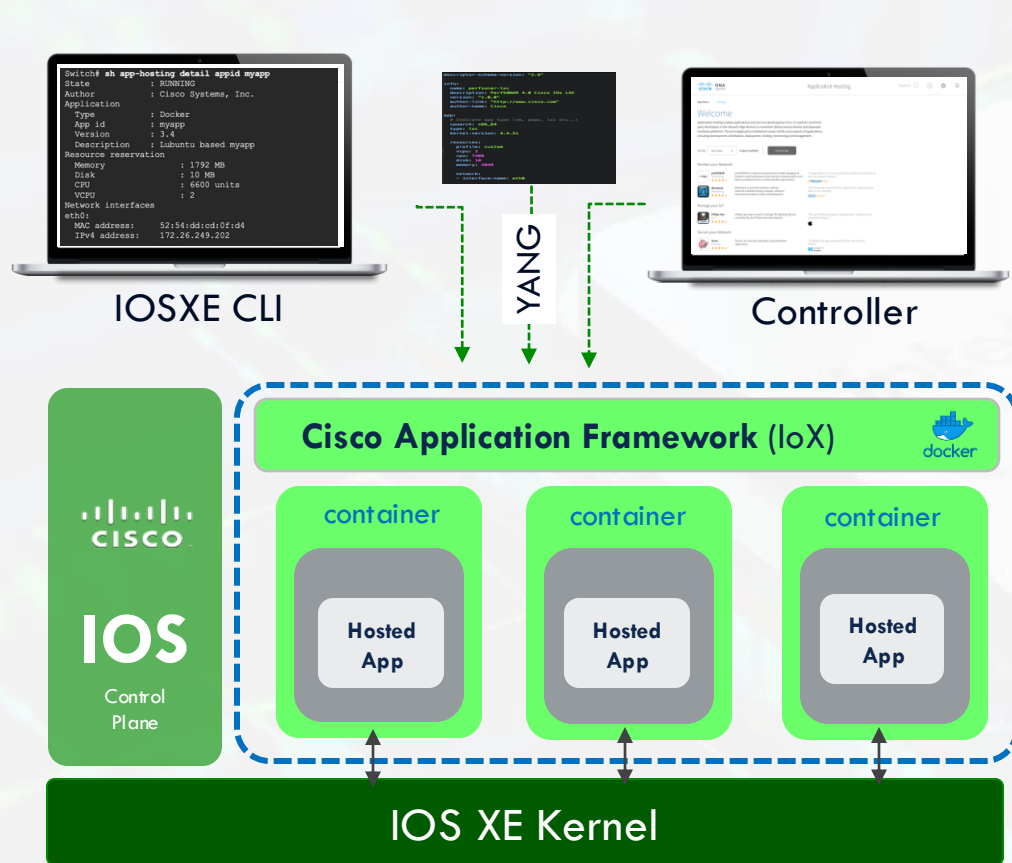
Unified Software & Licensing

NG-Stacking and Cluster Infrastructure

Micro-Services Process Modularity



Cloud Native IOS-XE



Up to 8 CPU Cores (4vCPU 9350)

Up to 32G Memory (16G RAM 9350)

Up to 20 Gbps of App Gig Port

AI assist with onboard computing cores



Integrated
Security

Quantum Resistant

Compensating Controls*

Hypershield Ready

Industry Leading
Resiliency

XFSU*

Enhanced Stackpower+

Stateful Switchover

Unmatched
Scale & Performance

48x mGig (10G)

12 Member*, 1.6 Tbps Stacking

48x 90W Full UPoE+

Cisco C9350 built to power next gen endpoints

10

Slots

8x line cards slots and 2x supervisor slots

51

Tbps Bandwidth

Upgradable to support 6.4Tbps per line card

112

Gbps SerDes

Higher performance with SFP112 10/25/50/100G

448

SFP+

More 10G / 25G ports than Catalyst 6500/6800 chassis

Quantum Resistant &
Hypershield Ready

Compatible with Catalyst
9606 Line Cards

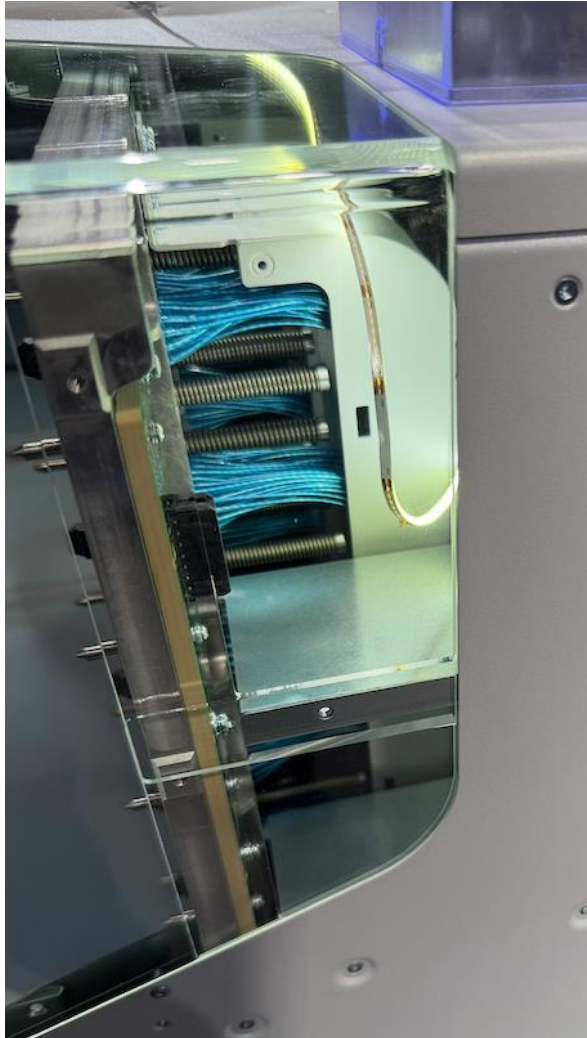
Highest MTBF in the
industry??



Cisco C9610 offers highest port density (25/50/100)

C9610R

Cable back plane
for higher speeds



Introducing Cisco C9350 Series Smart Switch

Next Generation Access Smart Switch

Smart & Energy Efficient

EnergyStar Rated
Smart power
System and Endpoint Hibernation
EEE/Auto-off Components

Advanced Security

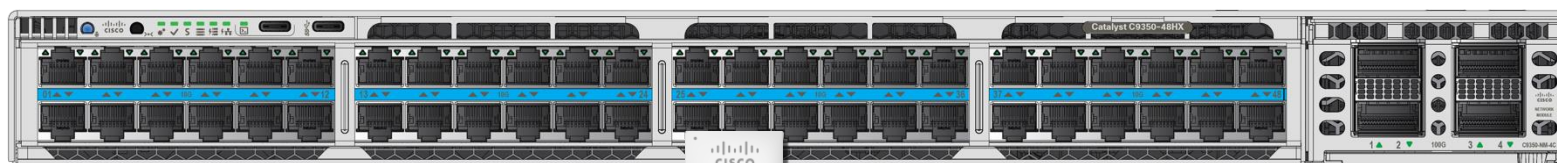
Crypto-Ready, PQC Resistant

Full throttle - Downlinks

All 48 ports simultaneous Full mgig/10G with
UPOE+, Perpetual POE, Fast POE

25/50G & 100G uplinks

Dense uplinks: 2 or 4x 100G/40G,
50G at access: 8x 25G/10G or 4x 50G, 8x
10G/mGig



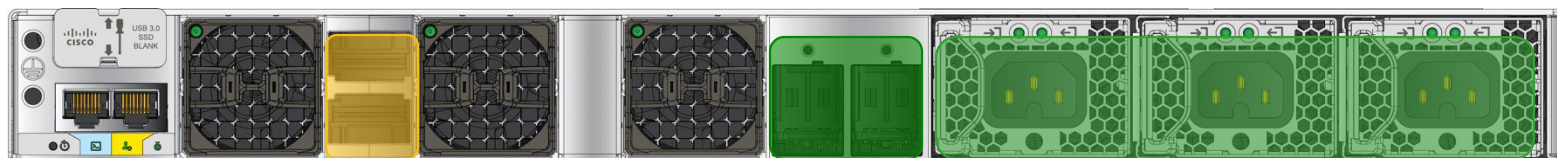
Higher Bandwidth

1.3 Terabytes

Silicon One A100

Higher Scale

4 x MAC Scale/ 4 x ACL Scale/ 6 x
ROUTE Scale



1.6T Stacking

Next Gen Stackwise Architecture
N+1 redundant fan trays with reversible
air flow options.

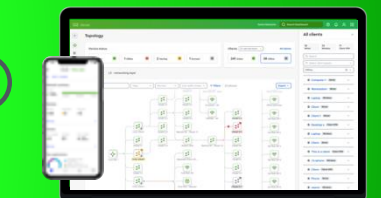
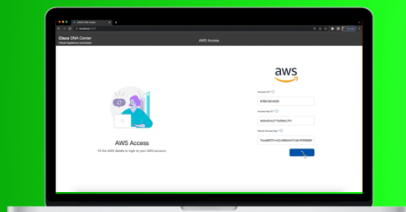
StackPower+

Enhanced power pooling with
StackPower+

3 Power Supplies

Combined or Redundant Mode(N+1)

Unified Hardware, Unified license
On-Prem/Cloud Management



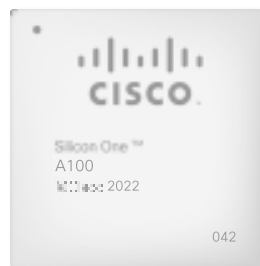
Introducing C9350 Series

New Hardware launch



Higher Bandwidth
1.3 TERABYTES

Cisco IOS XE



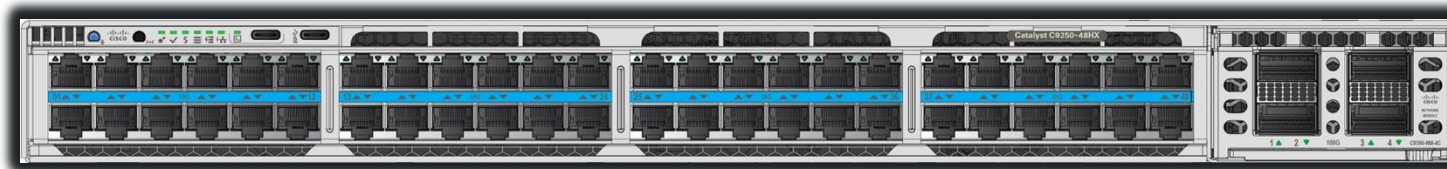
X86 CPU



Flexible Speeds
10M/100M/1/2.5/5/10/25/50/100G

Higher Scale
4 X MAC Scale
4 X ACL Scale
6 X Route Scale

Silicon One A100



Advanced Security
Crypto-Ready*, PQC Resistant

Highly Resilient
NG-StackWise, StackPower, Redundant
PS/Fan's & xFSU*

48 x mGig & 10G + 90W PoE

Flexible Uplink Options
1G/10G/25/50/100G

Smarter & Intelligent
Enh. App-Hosting, Unified Management

Introducing C9350

Re-designed for flexibility



50CM-1M-3M

New stacking architecture with 1.6 Tbps bandwidth

2 x Stack ports

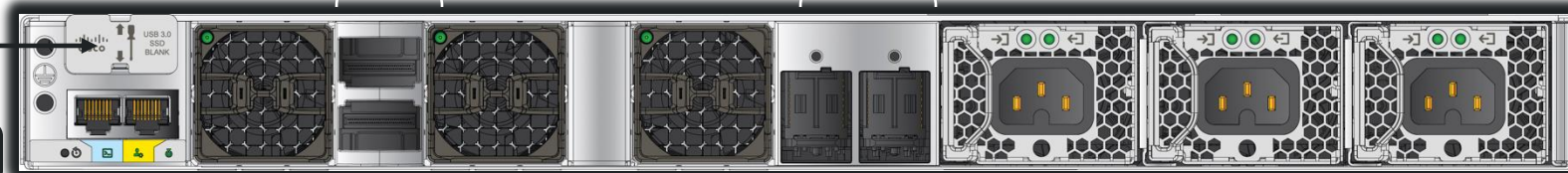


30CM-150CM

Enhanced StackPower with improved power draw

2 x StackPower ports

SSD - up to 240 GB



3 x Fan Modules

Front to back with port side intake

or

Back to front with port side exhaust*

Fan Options for Flexible Deployments

3 x Power supplies

NEW

Supports redundant, combined and **cold redundant** modes



1600W AC PS
Titanium Rated



850W AC PS
Platinum Rated



500W AC PS

Up to 4800 Watts.
Highest Power Budget in the Industry

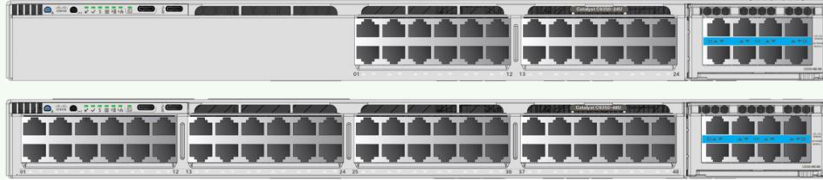
*Applicable for the data only SKUs

Cold redundant mode 'hibernates' redundant power supply when power requirement is low <5W consumption

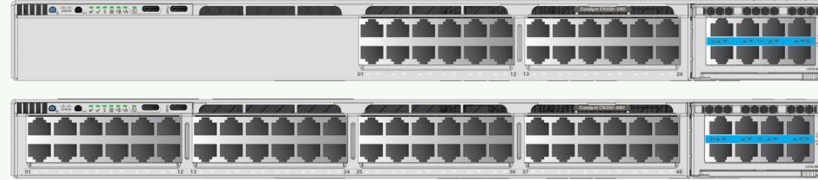
Cisco 9350 Series

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

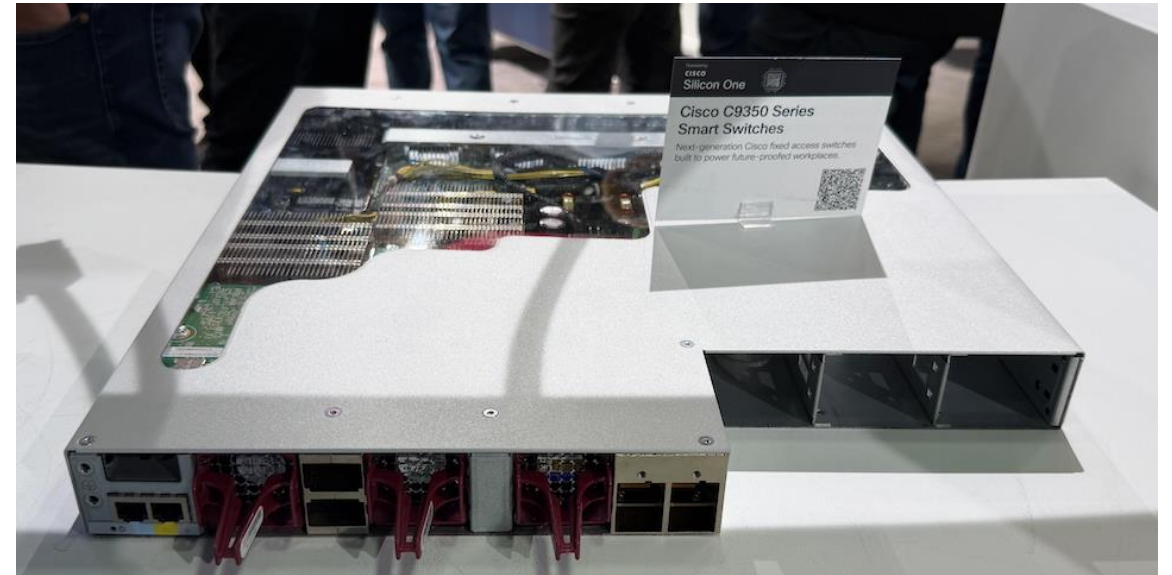


C9350-NM-2C
2x40/100G

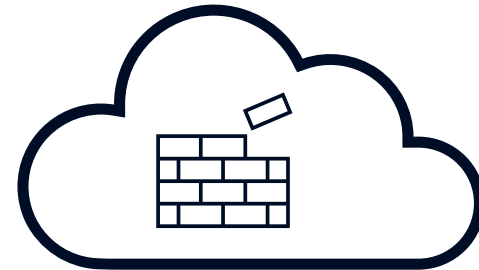


C9350-NM-8Y
8x10/25G or 4x50G

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



Building on simplified cloud management with IOS XE



Building on simplified cloud management with IOS XE



One unified OS for cloud and on-prem



Options for migration or Day 0 cloud management



Cloud simplicity with advanced IOS XE features

Industry Leading Enterprise Switching Portfolio



Unified Cloud Platform

✓ C9200CX

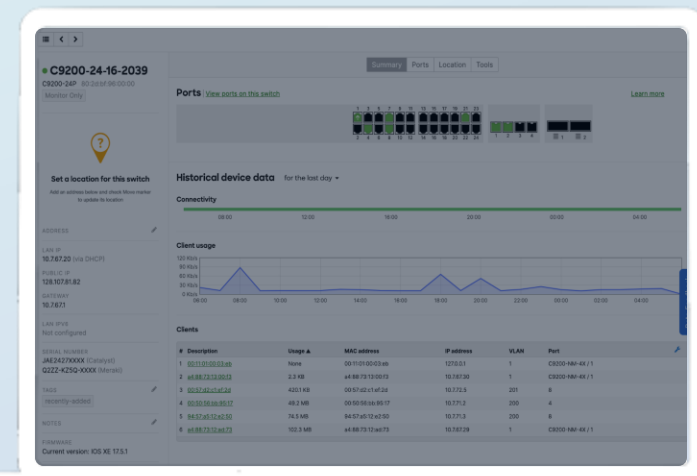
✓ C9500

✓ C9350 Smart Switches

✓ C9200/L

✓ C9300/L/X/LM

✓ C9610 Smart Switches*



Cisco Meraki Dashboard

Maintain operational flexibility with cloud management

Configuration Source: Cloud



UNLOCK FULL CLOUD SIMPLICITY

Configurations are performed in the cloud and managed using the dashboard UI

Configuration Source: Device



RETAIN ADVANCED CONTROL

Configurations are managed via traditional methods and performed local to the device

FLEXIBLE OPTIONS FOR MANAGING YOUR DEVICES FROM THE CLOUD

The full cloud experience with management and configurations performed in the cloud

- Support for automated 'show' CLI commands for advanced troubleshooting
- Leverage the intuitive user interface to build configurations that are performed directly from the Meraki cloud at scale.

Add devices to network

1 Select network — 2 **Configure IOS-XE devices** — 3 Summary

Device management and configuration source

C9200/C9300 devices

☒ **Cloud configuration**
Configuration is sourced from the Meraki Dashboard.

☐ **Device configuration** Beta
Configuration remains local to the device.

Cancel Back Next

[Full List of Supported Models Here](#)

Cloud scale visibility with localized configurations and the full IOS XE feature set

- Non-destructive onboarding preserves configurations, which are managed and performed local to the device via traditional methods.
- CLI read/write feature-set supported in dashboard
- Optional configuration back up in the cloud.

The screenshot displays a three-step configuration process for adding devices to a network. Step 1, 'Select network', is completed. Step 2, 'Configure IOS-XE devices', is the current step, showing options for configuration source. Step 3, 'Summary', is the final step. The 'Device management and configuration source' section for 'C9200/C9300 devices' offers two choices: 'Cloud configuration' (sourced from the Meraki Dashboard) and 'Device configuration' (labeled 'Beta' and highlighted with a green border, indicating it remains local to the device). Navigation buttons 'Cancel', 'Back', and 'Next' are at the bottom.

Add devices to network

1 Select network 2 Configure IOS-XE devices 3 Summary

Device management and configuration source

C9200/C9300 devices

☐ Cloud configuration
Configuration is sourced from the Meraki Dashboard.

☒ Device configuration **Beta**
Configuration remains local to the device.

Cancel Back Next

[Full List of Supported Models Here](#)

Combined with advanced features powered by IOS XE

What's New

IOS XE 17.18.1 (beta) brings advanced capabilities to the cloud through the introduction of advanced routing and high availability features. Additional cloud expansion features Bring greater value to enterprise customers through the introduction of simplified support for troubleshooting, monitoring, and configuration management tasks.

Cloud CLI

Access an embedded cloud terminal within the Meraki dashboard.

Expanded Support

Support for new hardware models and expanded support for cloud features.

Advanced Routing

Advanced capabilities like BGP and VRF are now supported in the cloud dashboard

High Availability

In-Service Software Upgrades, Virtual Stacking for C9500, and more.

GA: IOS XE 17.15.4

Beta: IOS XE 17.18.1

Introducing a secure **Cloud CLI** terminal, directly in dashboard

Access an embedded cloud-hosted CLI terminal within the Meraki dashboard without the need for VPN or jump host

Support for common CLI commands to uncover network issues affecting network devices

Leverage existing and familiar skillsets while ensuring your teams maintain access to detailed device data with CLI

The screenshot displays the Meraki dashboard interface for a device named **ACCESS-2**. The top navigation bar includes tabs for **Switches**, **Summary**, **Ports**, **Cloud CLI** (selected), **Device Health**, **L3 Routing**, **Event log**, **Location**, and **Tools**. The **Cloud CLI** tab is active, showing a map of the device's location in São Paulo, Brazil, and a list of device details including serial number, uptime, and configuration status. A **CLI terminal** window is open, displaying a welcome message and a list of supported commands. The terminal output shows the command `show ip route bgp` being executed, resulting in a detailed BGP routing table. The terminal window includes buttons for **Close terminal** and **Detach terminal**.

Terminal Opens a troubleshooting console to this device, similar to an IOS-XE CLI window.

Close Terminal **Detach**

Session History

Start time (UTC)
Jul 17, 2025
Jul 9, 2025
Jun 30, 2025
Jun 25, 2025
Jun 25, 2025
Jun 13, 2025
Jun 12, 2025
Jun 10, 2025

```
WW_CORE_9300X#show ip route bgp
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, m - OMP
       n - NAT, Ni - NAT inside, No - NAT outside, Nd - NAT DIA
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       H - NHRP, G - NHRP registered, g - NHRP registration summary
       o - ODR, P - periodic downloaded static route, l - LISP
       a - application route
       + - replicated route, % - next hop override, p - overrides from PFR
       & - replicated local route overrides by connected

Gateway of last resort is 10.10.254.2 to network 0.0.0.0
```

Introducing **VRF** deployment from the cloud

Easily create isolated route domains without additional hardware and enhance fault isolation

Strengthen security with scalable **macro-segmentation**, limiting lateral movement of threats

Simplify network management by eliminating the need for ACLs on every SVI and reducing oversized route tables

The screenshot displays the ATEA network management interface, highlighting VRF configuration and deployment. The main interface shows a table of VRFs with columns for Switch or switch stack, Interface, Name, VRF, Subnet, and IP. A modal window titled "Edit BLUE_VRF" is open, showing configuration details for the BLUE_VRF. The modal includes fields for VRF name, Description, Route distinguisher, and Route target. Below the modal, a "VRF" section shows a list of VRFs with columns for Name, Description, Route distinguisher, Route target, and Networks. The "VRF" section also includes a search bar and an "Add VRF" button.

Routing & DHCP

Switch or switch stack	Interface	Name	VRF	Subnet	IP
<input type="checkbox"/> Doug	80 VLAN	eighty	BLUE_VRF	10.80.80.0/24	10.80.80.254
<input type="checkbox"/> Rocky_and_Bullwinkle	80 VLAN	BLUE VLAN 80	BLUE_VRF	10.80.80.0/24	10.80.80.253
<input type="checkbox"/> Bob	Bob / 13	Bobs routed port	BLUE_VRF	10.88.88.0/24	10.88.88.252
<input type="checkbox"/> Bob	Bob / 14	Bobs 2nd routed port	BLUE_VRF	10.89.89.0/24	10.89.89.252
<input type="checkbox"/> Doug	0 Loop	0	BLUE_VRF	10.252.252.252/32	10.252.252.252
<input type="checkbox"/> Doug	20 VLAN	Uplink Vlan 20	Default	10.20.20.0/24	10.20.20.2

Edit BLUE_VRF

Configuration details

VRF name *
BLUE_VRF

Description
IoT

Route distinguisher ⓘ
52:106

Route target ⓘ

Save changes Cancel

VRF

0 VRFs with associated interfaces 0 VRFs without associated interfaces

Search

+ Add VRF

Name	Description	Route distinguisher	Route target	Networks
<input type="checkbox"/> Default	—	—	—	—
<input type="checkbox"/> BLUE_VRF	IoT	52:106	—	—
<input type="checkbox"/> GREEN_VRF	PCI	52:108	—	—
<input type="checkbox"/> RED_VRF	Evil Printers and Fax Machines	52:107	—	—

Introducing **Border Gateway Protocol** from the cloud

Multiple configuration options including full stack dynamic routing (SD-WAN + LAN) and simplified iBGP/eBGP routing

Flexible configurations including per switch and peer-group templates, plus support for common policy objects

Support for full API programmability and open compatibility with third-party vendors

The screenshot displays the ATEA cloud management interface for BGP Routing. The main panel shows the 'Local Networks' section with an 'Enable' toggle. Below it, the 'BGP Peer Groups' section lists a peer group named 'WANGroup' with a description 'WAN peer group' and a 'Neighbors Count' of 1. The 'Peer Group Settings' section shows 'Remote AS' as 65234, 'Multihop' as 255, and 'Weight' as 32768. The 'Peers' section has an 'Active' toggle. Two inset windows provide detailed views of the BGP configuration. The top inset, titled 'BGP Routing' with tabs for 'General', 'BGP Filters', and 'ASN', shows the 'BGP Routers' table with one entry: 'Bob' (Switch name), 'C9300-24UX' (Model), '65500' (ASN), '0' (Active peers), and '1' (Advertised routes). The bottom inset, also titled 'BGP Routing' with tabs for 'General', 'BGP Filters', and 'ASN', shows the 'Autonomous System Numbers (ASN)' table with one entry: '65500' (ASN), 'Loop0' (Description), and '1' (BGP routers). Both insets include a '+ Add router' or '+ Add ASN' button and pagination controls.

Switch name	Model	ASN	Active peers	Advertised routes
Bob	C9300-24UX	65500	0	1

#	Name	Description	Neighbors Count
1	WANGroup	WAN peer group	1

Remote AS	Multihop	Weight
65234	255	32768

ASN	Description	BGP routers
65500	Loop0	1

Supported Hardware: C9500, C9300X, C9300, C9300L, C9300LM, C9200CX, MS390

Introducing **Routed Ports** from the cloud

Reduce convergence time while simplifying network management

Routed peer to peer links including east/west and north/south traffic

Minimize VLAN ID consumption while joining separate networks

Routing & DHCP

SWITCH OR SWITCH STACK IP ADDRESS
Select... Select...

Interfaces

Search... 0 Interfaces

Switch	VLAN	Name	Subnet
<input type="checkbox"/>	CAMPUS01-CORE	10	Corp-Data
<input type="checkbox"/>	CAMPUS01-CORE		172.16.10.0/24
<input type="checkbox"/>	CAMPUS01-CORE		172.16.10.254
<input type="checkbox"/>	CAMPUS01-CORE		False
<input type="checkbox"/>	CAMPUS01-CORE		False
<input type="checkbox"/>	CAMPUS01-CORE		Server
<input type="checkbox"/>	CAMPUS01-CORE		Enabled

Static routes

Search... 1 Static route

☐ Switch

☐ CAMPUS01-CORE

Multicast routing

Update 1 Ports

Selected Switch / Port 1 ^
Bob/13

Interface mode ☐ Switch port ☒ Routed port

☒ Navigate to configure routed port

Name Transit Network

Tags

Port status ☒ Enabled

Link negotiation Auto negotiate

EEE ☐ Enabled

Port schedule Unscheduled

PoE ☒ Enabled

Port isolation ☐ Enabled

Cancel Update

Introducing In-Service Software Upgrades from the cloud

ISSU allows users to upgrade switch stacks while the network continues to forward packets

Minimize network disruptions and downtimes with simplified scheduling

Deploy new services and features faster with remote execution

The screenshot displays the Meraki management console interface. On the left is a sidebar menu with options: Global Overview, Organization (Meraki Launchpad), Network (Sao Paulo - Cloud Campus Fabric), Secure Connect, Network-wide, Assurance, Security & SD-WAN, Switching (highlighted), Wireless, Insight, Organization, Security (marked New), Automation, Access Manager (marked New), and Find in Menu. The main content area is titled 'Staged upgrades' with tabs for 'Groups' and 'Sequence'. A 'Default Group' card shows 'Default' and '6' devices. A modal dialog titled 'Schedule firmware change' is open, asking 'When should this firmware be installed?' and noting that 'Upgrade times may be staggered depending on the number of devices changing firmware.' It offers two options: 'Perform the upgrade now' (selected) and 'Schedule the upgrade for:' (with a date/time picker set to 03/28/2025 at 11:00 (network local time)). Below this, the 'ISSU' section explains that when enabled, the setting applies exclusively to eligible switches with StackWise Virtual pairs, and the 'Attempt ISSU when available' checkbox is checked. The dialog has 'Back' and 'Next' buttons at the bottom right.

Introducing support for **StackWise Virtual** from the cloud

Simplify configuration management by presenting two physical switches as one logical entity

Lower the risk associated with a looped topology while reducing operational failure points

Maintain HA with support stateful switch failover (SSO) by ensuring minimal downtime during failures or maintenance

Create Stack

Stack name

Hourglass Twins

Q Search

Name




Ash Twin



Ember Twin

Configure your StackWise Virtual pair

To successfully provision Catalyst 9500 switches as a StackWise Virtual pair, select switch ports below to set up SVL and DAD links.

 Please ensure you have **physically connected** the ports selected below before proceeding

Stack name Hourglass Twins

Members [Ash Twin](#) , [Ember Twin](#)

SVL links

Select between 2 and 8 ports on each switch to establish the SVL link. Note that any existing switch port config will be overwritten for ports selected here.

Ash Twin

1 x 2 x

Ember Twin

1 x 2 x

DAD link

Select 1 port to establish the DAD link. Note that any existing switch port config will be overwritten for the port selected here.

Ash Twin

3

Ember Twin

3

☒ I acknowledge that by clicking 'Configure' I have physically connected the ports selected for SVL and DAD links.

Cancel

Configure

Introducing Rapid Per-VLAN STP+ from the cloud

RPVST+ provides faster convergence to minimize downtime and ensure resilience in dynamic environments

Allows efficient load balancing across multiple different VLANs

Critical for maintaining stable L2 topologies in dense campus deployments

Switch settings

VLAN configuration

Management VLAN ⓘ

1

STP configuration

☒ Enable Rapid Spanning Tree (RSTP) ⓘ

STP bridge priority ⓘ

Switches/Stacks	Bridge priority
Default	32768

[+ Set the bridge priority for another switch or stack](#)

Quality of service ⓘ

#	VLAN	Protocol	Source port ⓘ	Destination port ⓘ	Trust incoming DSCP
No Data					

[+ Add a QoS Rule for this network](#)

[Edit DSCP to CoS map](#)

Multicast settings

MTU configuration

STP configuration

STP configuration mode

☒ Enable Spanning Tree

Select Spanning Tree mode for Catalyst switches:

☐ Enable Multiple Spanning Tree (MST)

☒ Enable Rapid per-VLAN Spanning Tree (RPVST+)

i Operating network with a mix of RPVST+ and RSTP may cause unexpected issues, please refer to [Documentation](#) for best practices for operating mixed STP environments.

☐ Disable Spanning Tree

STP bridge priority ⓘ

Switches/Stacks	Bridge priority	VLAN list	Actions
Default	32768		
Rocky_and_Bullwinkle	8192	1-4094	✎ 🗑

[+ Set the bridge priority for another switch or stack](#)

Cloud-managed Enterprise Switching

IOS XE 17.18.1

Advanced Routing

Routed Ports

Loop-free Routed Access

VRF Lite

Scalable Macro Segmentation

BGP

Flexible, Open Dynamic Routing

High-Availability

Rapid PVST+

Enhanced L2 Loop Prevention

StackWise Virtual (SVL)
ISSU

Sub-second downtime
firmware upgrades

C9500

SVL

ISSU

RPVST+

VRF

Routed Ports

BGP*

C9200/9300

*BGP supports on C9200CX, MS390, C9300 and C9500

Additional **cloud features** now available on Catalyst 9000

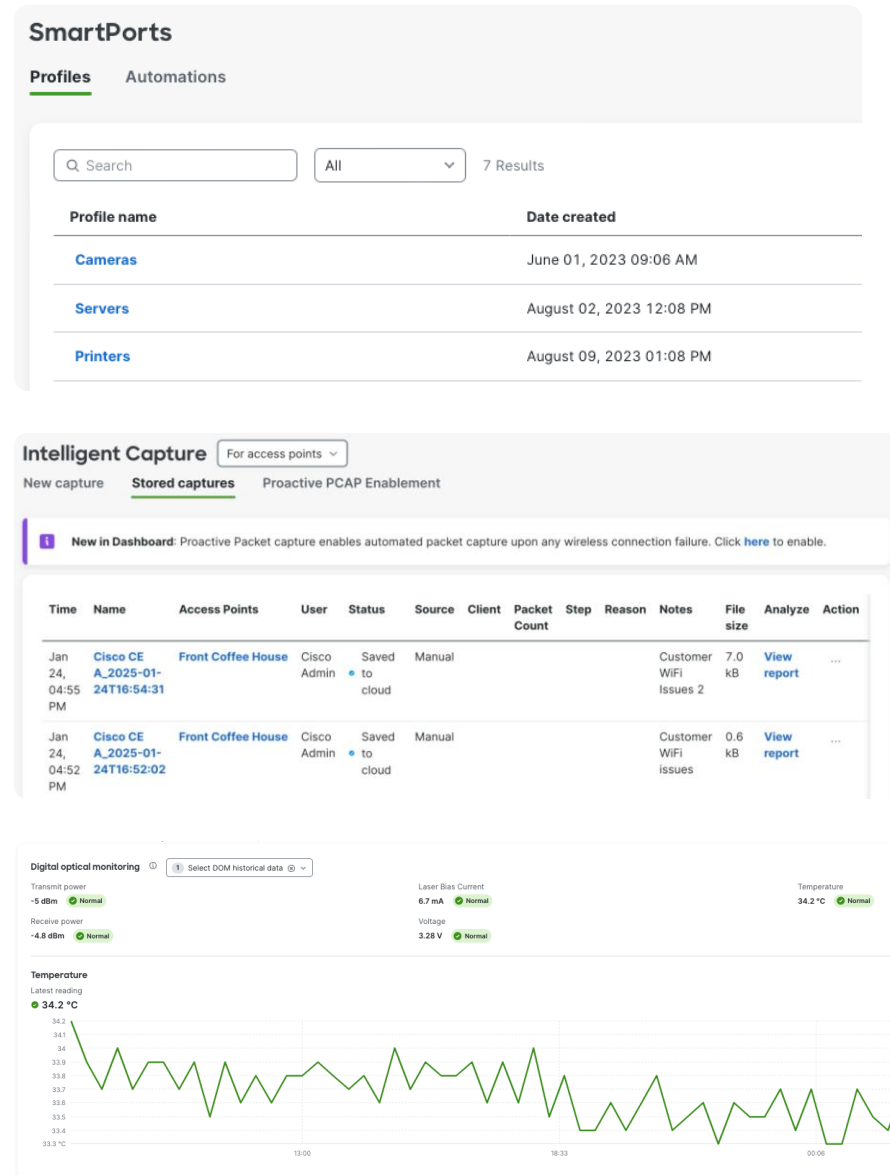
Standardize and simplify configuration management by predefining port profiles with SmartPorts

Reduce time spent on PCAP analysis by remotely scheduling captures with Intelligent Capture

View statistics and receive alerts for critical system resources with Device Health support

View statistics relative to Device Uptime including time online, last boot, and last boot reason.

Support for Digital Optical Monitoring to enable real-time monitoring of fiber optic transceivers



Wrap up

- Nye Swicth platforme
- Brugbare AI værktøjer
- **Mange flere muligheder med** Cloud management
- HUSK....ISE Commen police
- Micro segmentering - sikkerhed nu også fra Cloud





Rejs med Atea til Cisco Live 2026

For 17. år i træk arrangerer vi en tur til Cisco Live sammen med vores kunder og samarbejdspartnere

[For english click here](#)

Atea Danmark og Norge går igen i år sammen om at arrangere en attraktiv fællesrejse til **Cisco Live 2026** i Amsterdam fra den 8. til 13. februar 2026. Det bliver en enestående oplevelse, hvor teknologi, netværk og socialt samvær går op i en højere enhed!

Sammen med Atea får du mulighed for at nyde godt af sparring, erfaringsudveksling og rådgivning fra Ateas mest specialiserede konsulenter fra både Danmark og Norge. ❤️ Cisco Live er en teknologimesse i Amsterdam, der skal opleves! Arrangementet passer til dig, der er konsulent, leder eller Cisco-entusiast.

Startdato

08. feb. 2026, 09:00

Slutdato

13. feb. 2026, 18:00

Frist for registrering

02. jan. 2026

Sted

Amsterdam

Adresse

RAI Amsterdam

[Vis på kort](#)

Tilmeld dig

Næste indlæg:
Fremtidens infrastruktur:
Fra netværk til sikkerhed i skyen

HP**E**