

CISCO *Live!*

GO BEYOND

#CiscoLiveAPJC

Cisco Webex App

Questions?

Use Cisco Webex App to chat with the speaker after the session

How

- 1 Find this session in the Cisco Live Mobile App
- 2 Click “Join the Discussion”
- 3 Install the Webex App or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until November 15, 2024.



<https://ciscolive.ciscoevents.com/ciscolivebot/#KDDCB-100>





Smart, Secure, Seamless: Transforming Experiences with Next-Generation Networking

Lawrence Huang, Joe Vaccaro, and Vikas Butaney
KDDCB-100

Lawrence Huang

GM/SVP, Cisco Networking,
Meraki & Wireless



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

AI-ready data centers

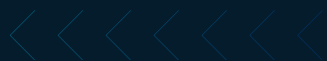
Transform data centers to power AI workloads anywhere
Public and private clouds, on-premises, edge

Future-proofed workplaces

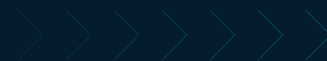
Modernize everywhere people work and serve customers
Campuses, branches, factories, homes, cars, hospitals, stadiums, hotels, and beyond

Digital resilience

Keep your organization secure, reliable, and performing with game-changing security, assurance, and observability across the entire digital footprint



Accelerated by Cisco AI



Applications, devices, and users are **everywhere**

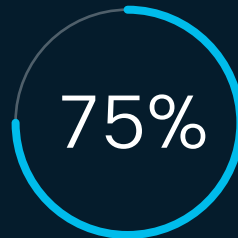


We're on the verge of another massive transformation in the workplace



Of CEOs said **generative AI** will significantly **change the way their companies create, deliver and capture value** in the next three years

(Source: PwC)



Of employers indicate they are **planning** moderate to extensive **changes** to **their real estate portfolio** strategies

(Source: EY)

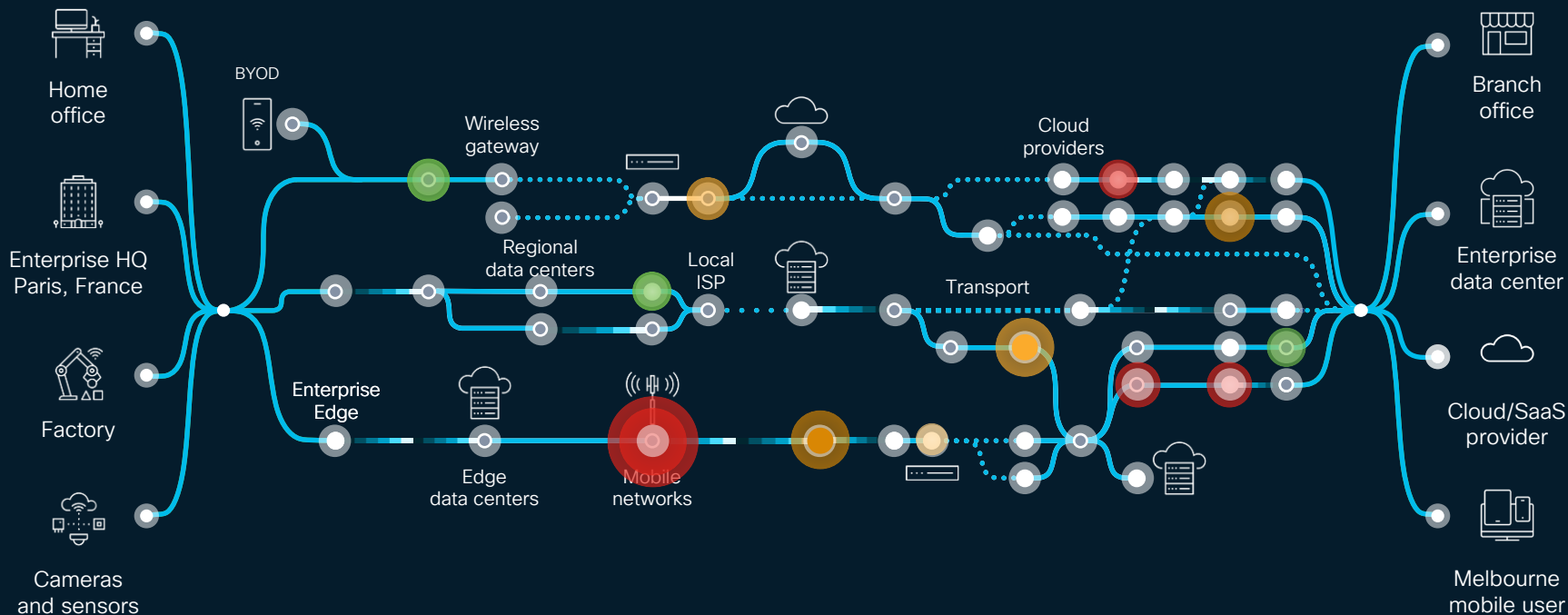


Of young workers want their company to **do more about sustainability**

(Source: Indeed)

The demand on the network is
higher than ever

Distributed people, places, and things need to be connected and protected



Workplaces must deliver better experiences for everyone



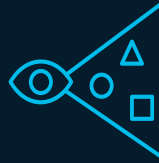
Cisco unifies **networking**, **collaboration**,
and **security** to modernize workplaces
and deliver amazing experiences anywhere.

The network is powering experiences that are

Cisco Networking Cloud



Intelligent



Assured

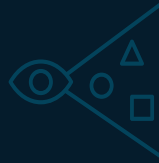


Secure

The network is powering experiences that are



Intelligent



Assured



Secure

Intelligent, secure, and assured wireless for the future-proof workplace



Cisco Wireless Wi-Fi 7

Meet the CW9176 and CW9178



Cisco Wireless Wi-Fi 7

Meet the CW9176 and CW9178



Global Use Access Points for
efficient, smart, scalable operations

Cisco Wireless Wi-Fi 7

Meet the CW9176 and CW9178



Complete connectivity:
Bluetooth, IoT and location

Cisco Wireless Wi-Fi 7

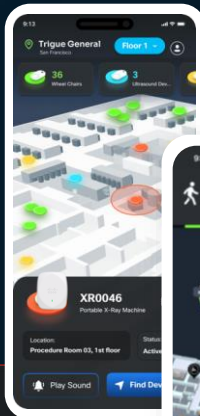
Meet the CW9176 and CW9178



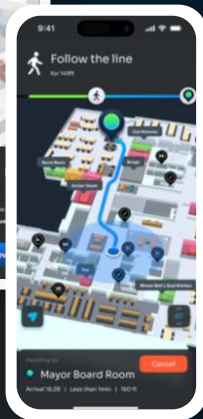
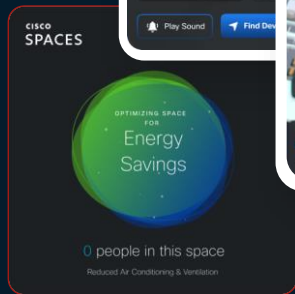
Sustainably built and
power-savvy

The operating system for smart spaces

Asset tracking



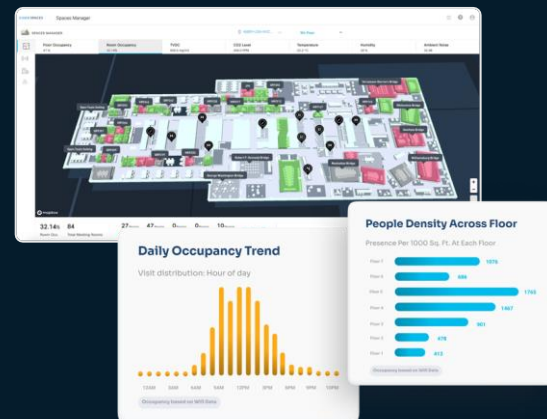
Indoor navigation



Sustainability



Occupancy analytics



Introducing the Cisco Networking Subscription

One



PID structure
for hardware

One



Unified
licensing model

One



Product
support model

Future-proof workplaces with Secure Networking



Customer conversation





Greg Cavenagh

Network Manager
Deakin University

Joe Vaccaro

VP/GM Cisco ThousandEyes

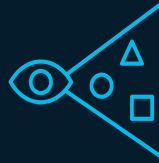
cisco *Live!*



The network is powering experiences that are



Intelligent



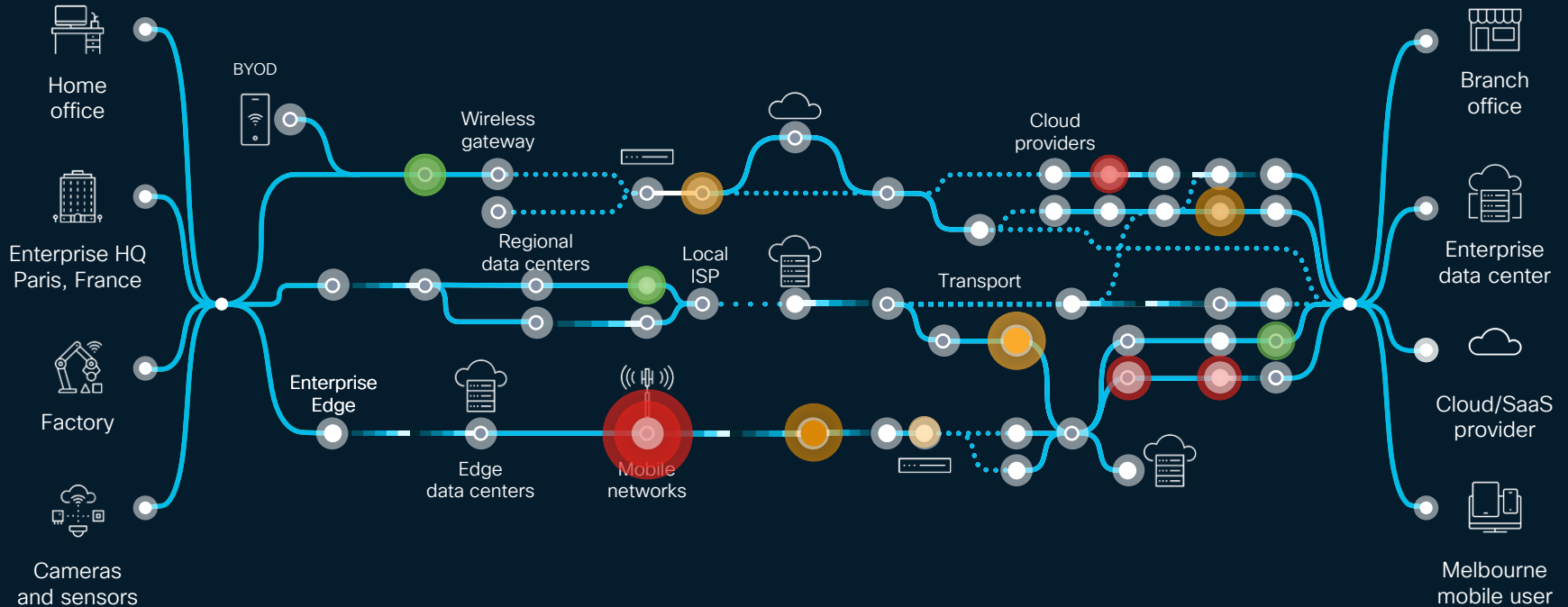
Assured

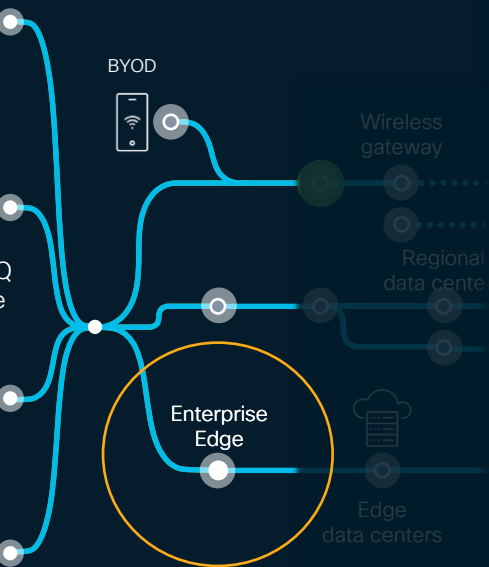


Secure



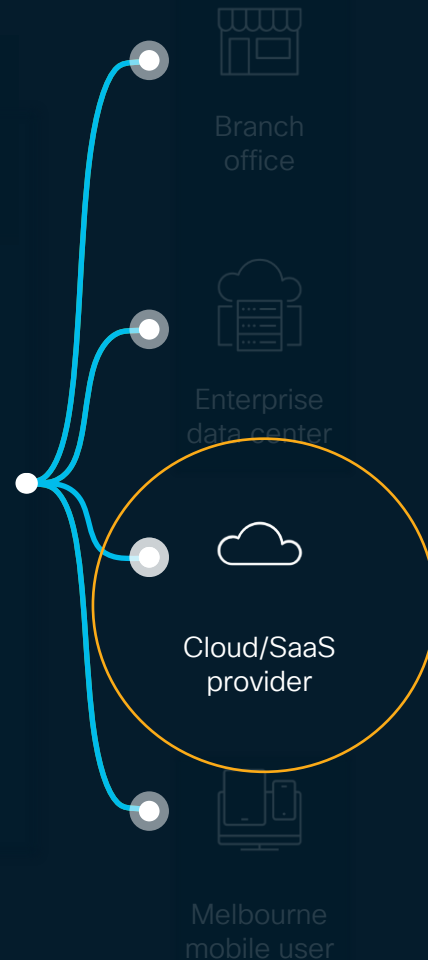
Resilient experiences require assured connections





Accelerating Diagnosis at the Enterprise Edge

Assuring
connections,
even within
public cloud



Assuring every connected experience



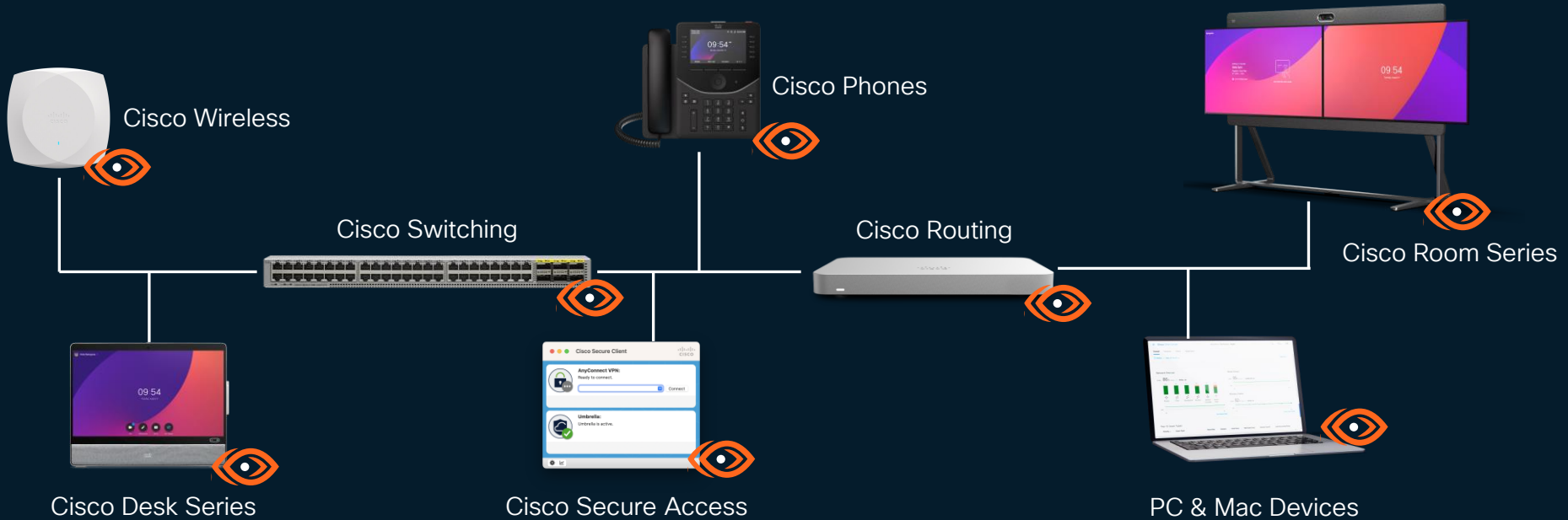
End-to-end visibility

AI-driven intelligence

Closed-loop operations

Data and AI to deliver continuous intelligence and automation

With Cisco, assurance is built-in



Drives closed-loop operations + **splunk**> integration
a **CISCO** company

CISCO Live!

#CiscoLiveAPJC

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Vikas Butaney

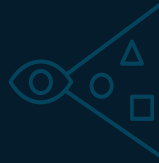
SVP/GM, Cisco Networking -
SD-WAN, Multicloud, and
Industrial IoT



The network is powering experiences that are



Intelligent

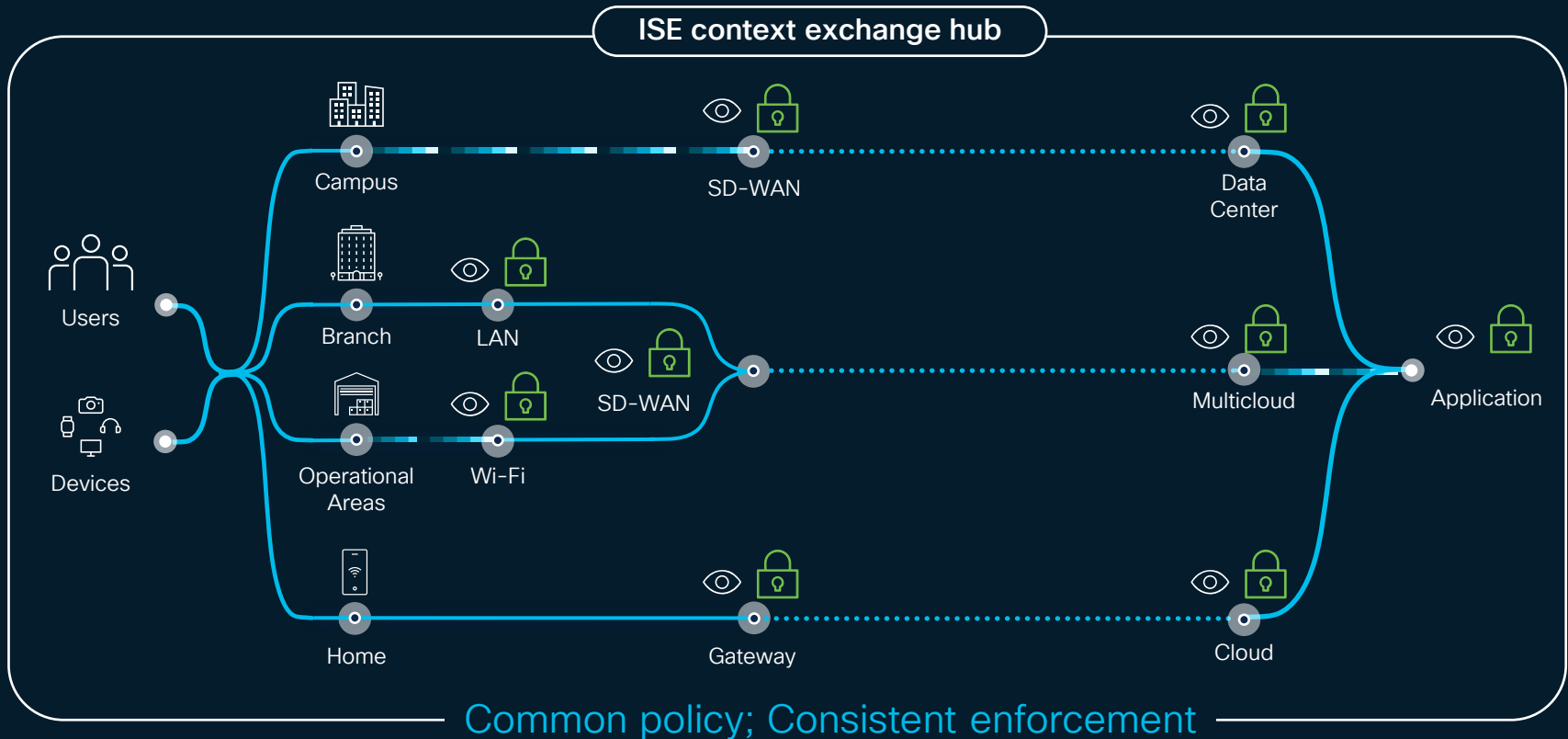


Assured

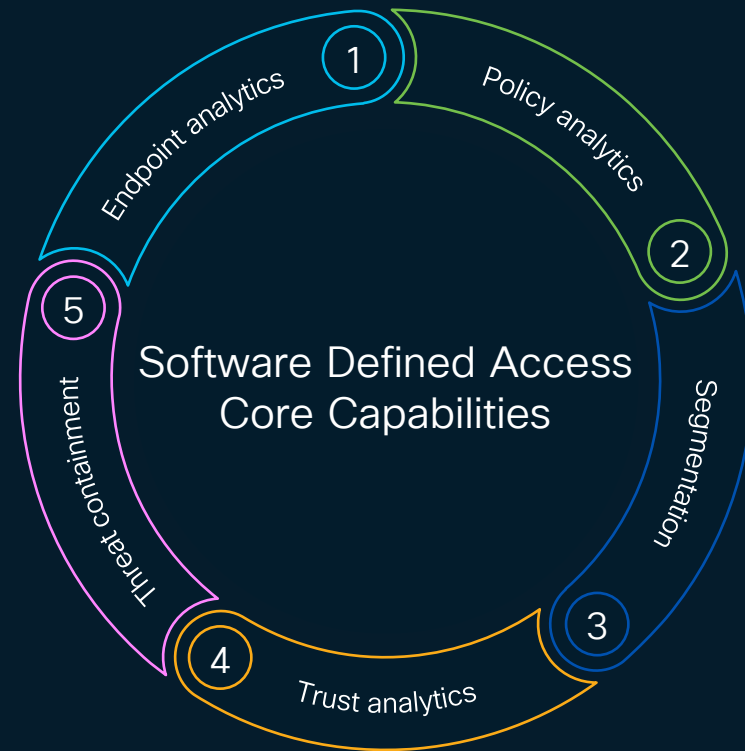


Secure

Common policy simplifies network security



Cisco has a comprehensive approach to **deliver a zero-trust network**



Modernizing network infrastructure with **SD-Access** for zero-trust network access

Extend **IT security** to **OT** with industrial networking



Industrial Edge Leader
Omdia 2024



Industrial Ethernet
Switching Leader
ARC 2024

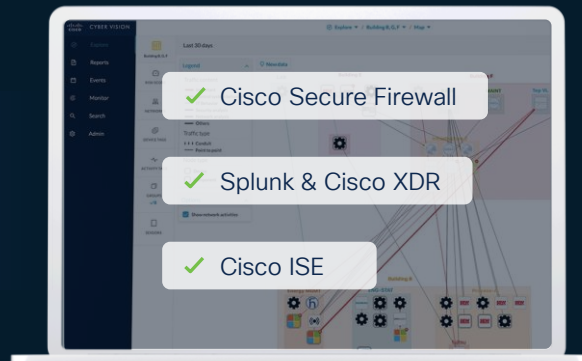


OT Security Leader
Forrester Wave 2024

Industry leading industrial networking portfolio



Cisco industrial threat defense



Cyber Vision Center

Secure WAN Edge

#1 in SD-WAN market share



SD-WAN leader x 5

Gartner Magic Quadrant 2024



Security efficacy leader

Miercom & NetSecOpen



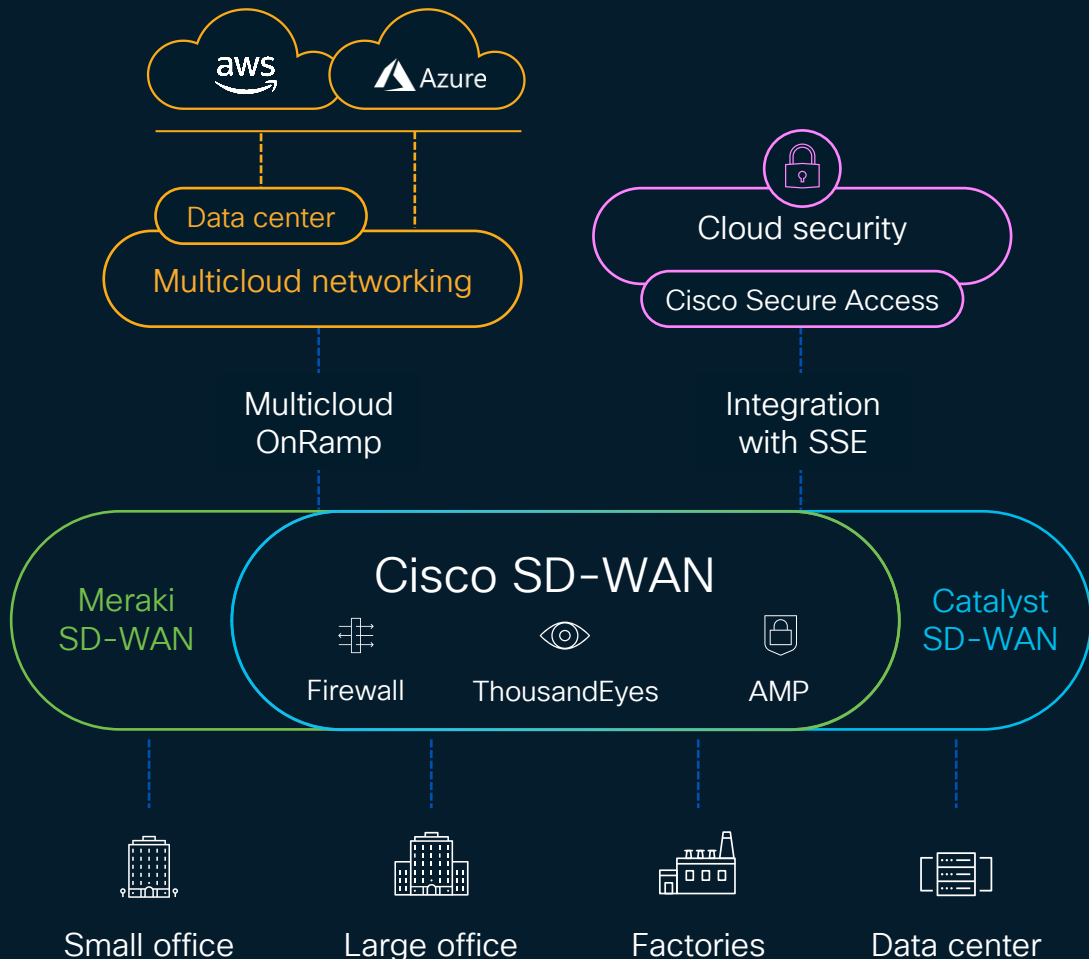
Single-vendor SASE visionary

Gartner Magic Quadrant 2024



SD-WAN leader

IDC MarketScape





Monitor



Configuration



Analytics



Workflows



Tools



Reports



Maintenance



Administration



Explore

Monitor

All Sites ▾

Overview

Devices

Security

Multicloud

Tunnels

Logs

Applications

Sites

Circuits



Control Components

1

Validator

1

Controller

1

Manager

WAN Edges

2

Reachable

1

Unreachable

Sites

0

Up

2

Down

Circuits

0

Up

3

Down

Certificate Status

0

Warning

0

Invalid

Licensing

0

Assigned

6

Unassigned

Reboot

0

Last 24 hrs

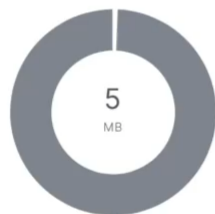
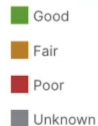
1 Hour ▾

Action

Application Experience

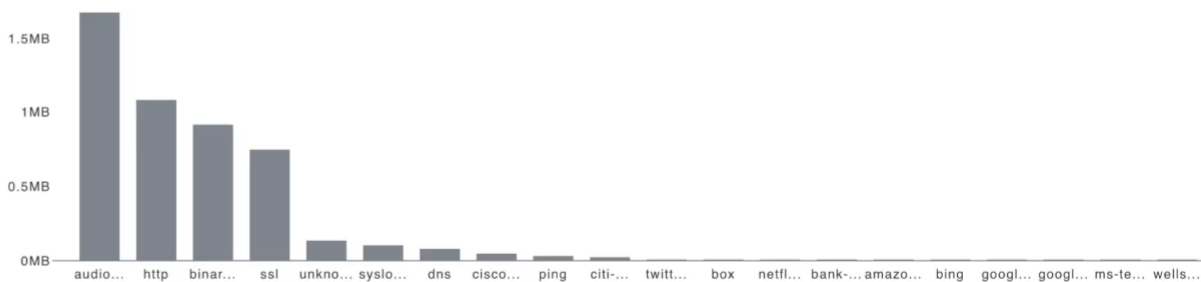
QoE

Usage (Total)



Top 20 by usage ▾

Top 20 by usage 5 MB



Good QoE: 8 - 10 Fair QoE: 5 - < 8 Poor QoE: 0 - < 5 Unknown (No QoE)

Site Health

Availability ▾

Good Performing Sites ▾

View Details



Site name

Availability

Tunnel Health

Latency (ms) ▾

Poor Tunnels ▾

View Details

Policy Groups

Group of Interest

Policy Group 2 Application Priority & SLA 2 NGFW 3 **Secure Internet Gateway / Secure Service Edge 4** DNS Security 0



Secure Internet Gateway / Secure Service Edge (4)

Q Search Table

[Add Secure Internet Gateway \(SIG\)](#) [Add Secure Service Edge \(SSE\)](#)

As of: Oct 31, 2024 02:01 PM

Name	Description	Solution	References	Type	Updated By	Last Updated	Action
Umbrella-v2-PG	-	sdwan	0	sig	admin	Aug 14, 2024, 11:29:41 AM	...
SSE_West_Sites	-	sdwan	0	sse	admin	Oct 31, 2024, 1:58:45 PM	...
CSA_Policy	-	sdwan	1	sse	admin	Oct 2, 2024, 1:33:11 PM	...
CiscoSecureAccessPolicy	CSA Policy for my SJC Branches	sdwan	1	sse	admin	Oct 28, 2024, 1:06:48 PM	...



Home



Experience
Insights



Connect



Resources



Secure



Monitor



Admin



Workflows

Access Policy

Internet access rules apply to traffic to public internet sites from devices that are on your network or that your organization manages. Private access rules apply to users and devices accessing applications and other resources on your internal network. Secure Access applies the first rule in the list that matches traffic. [Help](#)

[Rule Defaults and Global Settings](#)

[Add Rule](#)

18 Rules

[Customize view](#)

☐	#	Rule name	Access	Action	Sources	Destinations	Security	Hits	Status	
☐	1	Employees Allowed Sites	Internet	Allow	Sales	Employees-Ap...		155		
☐	2	OT-IOT Allowed Sites	Internet	Allow	Cameras +1	IOT-OT-Appro...		-		
☐	3	Employees-Blocked Streaming Audi...	Internet	Block	Doctors +1	Streaming Au... +1		-		
☐	4	Blocked Sites	Internet	Block	Any	Illegal Cont...		-		
☐	5	NTG only	Internet	Allow	C1111X-8P-FG...	Any		-		
☐	6	Block Streaming Audio and Video	Internet	Block	Doctors +1	Streaming Au... +1		84		
☐	7	AnyISE	Private	Allow	Any	ISE		-		
☐	8	Doctors and Nurses	Private	Allow	Carol Freema... +4	MediHome +1		40		
☐	9	AccessoNetSvcs	Private	Allow	Any	NetSVCs		870.8k		
☐	10	Any2Any	Private	Allow	Any	Any		690k		
☐	11	Specific_Allow_cts_local	Private	Allow	Any	Any Private ...		-		
☐	12	Allow corp to biz	Internet	Allow	Enterprise K...	Business and...		-		

☒ Rule is enabled

Logging is enabled [Edit](#)

Summary

Sources

Any



Allow

Security Controls

Destinations

Any Internet destination

Page: 1 Results per page: 50 1 - 50

Request	Source	Rule Identity	Destination	Destination IP	Destination Port	Destination
---------	--------	---------------	-------------	----------------	------------------	-------------

- 

FW machineuser 6 (machine@sse.com) machineuser 6 (machine@sse.com) 10.0.3.206:53

- 

FW	machineuser 6 (machine@sse.com)	machineuser 6 (machine@sse.com)	10.0.3.206	...
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FW	 machineuser 6 (machine@sse.com)	 machineuser 6 (machine@sse.com)		208.67.220.220:53	<div><div></div></div>	
FW	 machineuser 6 (machine@sse.com)	 machineuser 6 (machine@sse.com)		208.67.220.220:443	<div><div></div></div>	..
FW	 machineuser 6 (machine@sse.com)	 machineuser 6 (machine@sse.com)		10.0.3.206:53	<div><div></div></div>	..
FW	 C8K-B23B869B-CA3E-970E-CFFF-2D1DB3E339AD	 C8K-B23B869B-CA3E-970E-CFFF-2D1DB3E339AD	http://www.cisco.com/	184.31.200.111:80	<div><div></div></div>	
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FW	 machineuser 6 (machine@sse.com)	 machineuser 6 (machine@sse.com)		10.0.3.206	<div><div></div></div>	..
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FW	 machineuser 6 (machine@sse.com)	 machineuser 6 (machine@sse.com)		10.0.3.206	<div><div></div></div>	..

Empower IT teams with seamless automation

Cisco Workflows



Cloud-hosted
automation



Drag-and-drop
creation/editing



Custom
and prebuilt



For Cisco and
third-party domains

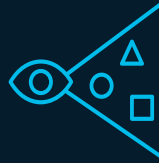
Accelerate automation with workflows based on Cisco Validated Designs

The network powers experiences that are

Cisco Networking Cloud



Intelligent



Assured



Secure

To learn more

- Attend "The Network is Dead. Long Live the Network" Center Stage session at 3PM today
- Read Lawrence's blog on Wi-Fi 7
- Stop by the World of Solutions to go deeper on each of these products & innovations
- Sign up for the Workflows Public Beta





Thank you

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GO BEYOND

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