

Universal ZTNA Reimagined

Pioneering the future of Cisco Secure Access and Cisco SASE

Prabhu Barathi
Director, Global Security Technologist
Cisco Security

cisco Live !

Cisco Webex App

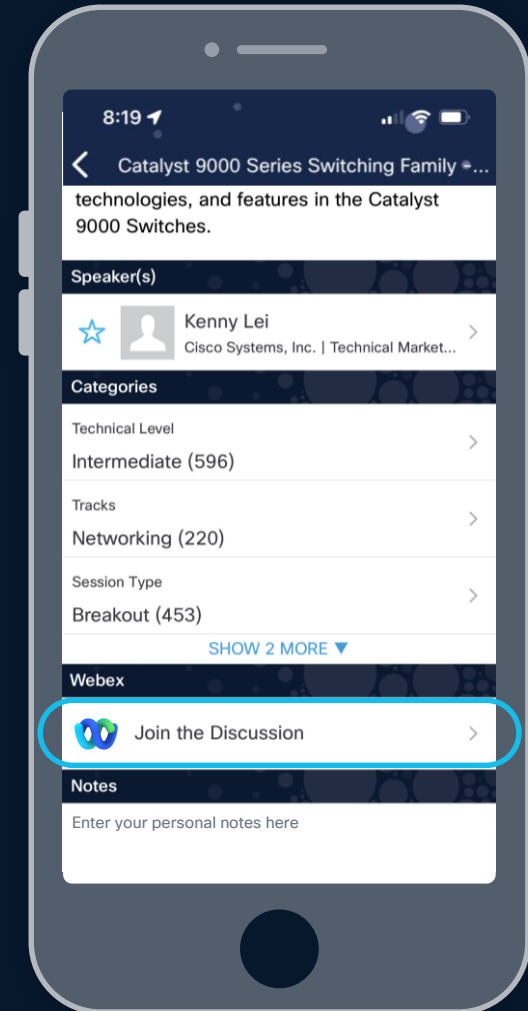
Questions?

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 June 13, 2025.

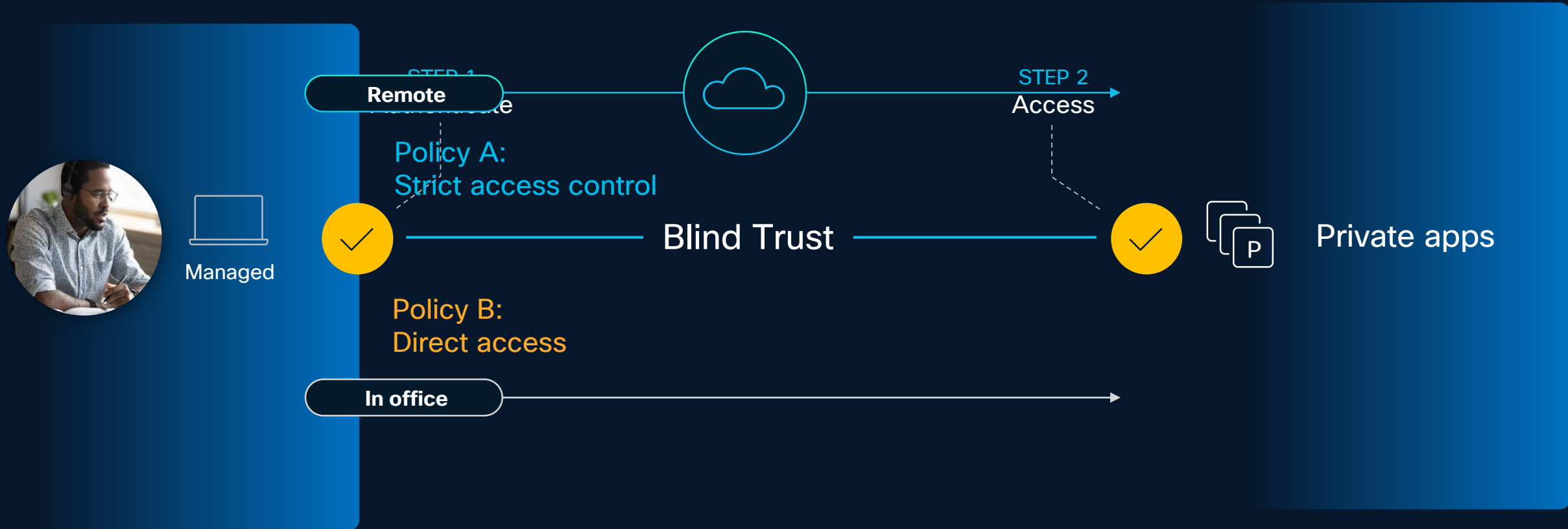


<https://cislive.ciscoevents.com/cislivebot/#PSOSEC-1025>

Agenda

- 01 Introduction
- 02 Zero Friction
- 03 Zero Downtime
- 04 Zero Imposters

Traditional ZTNA: Work from home solution

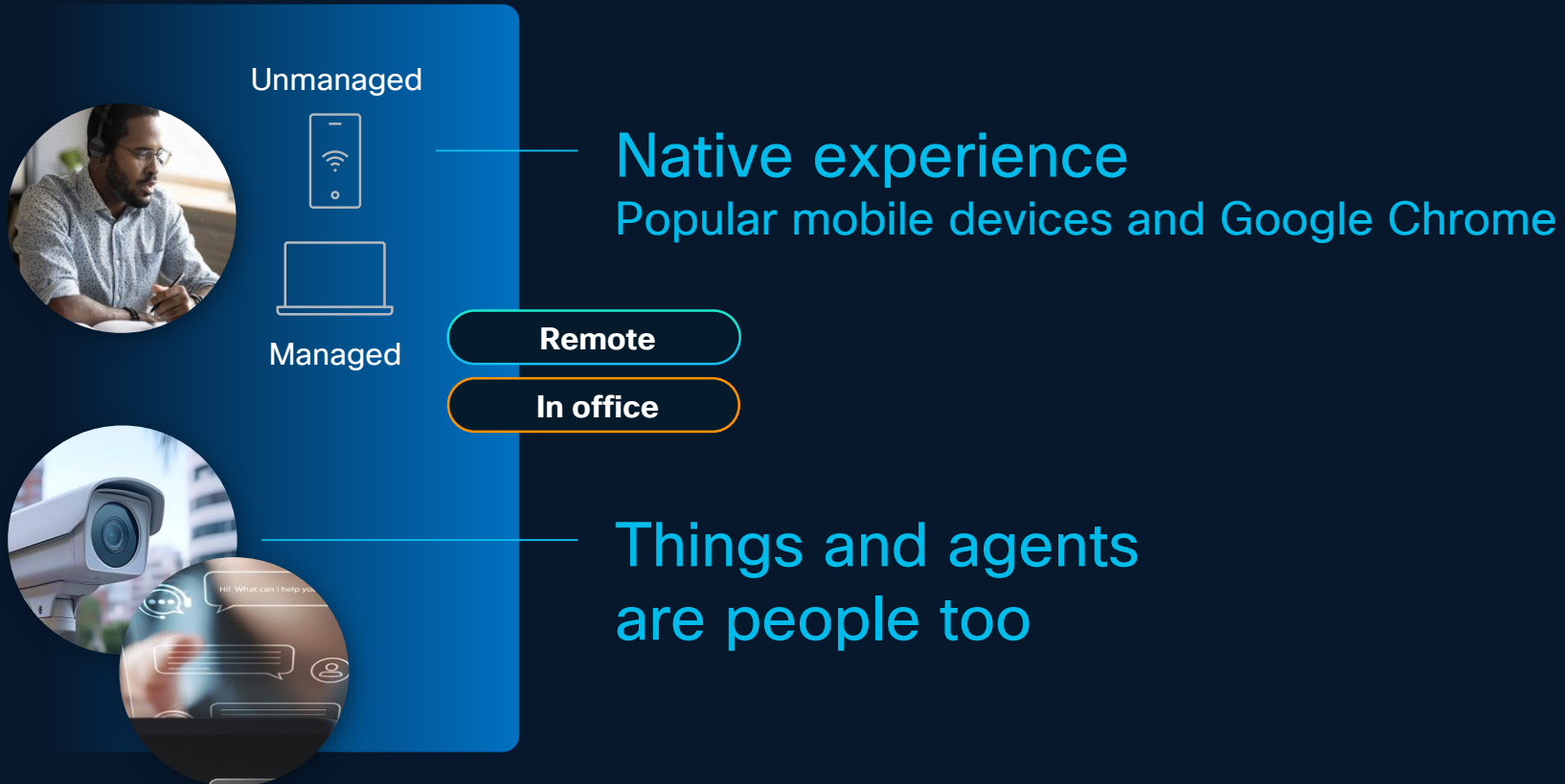


Managed devices,
private apps

Different policies
for home versus office

Blind trust between
authentication and access

Cisco Universal ZTNA



Private apps

Every device, people, things,
agents everywhere

Cisco Universal ZTNA

We do the plumbing



Every device, people, things, agents everywhere

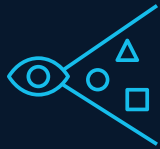
One policy, all apps, no hairpinning

Seamless user to app experience

No blind trust with Identity Intelligence

Cisco AI Access

Securing the use of AI



Visibility



Leakage prevention

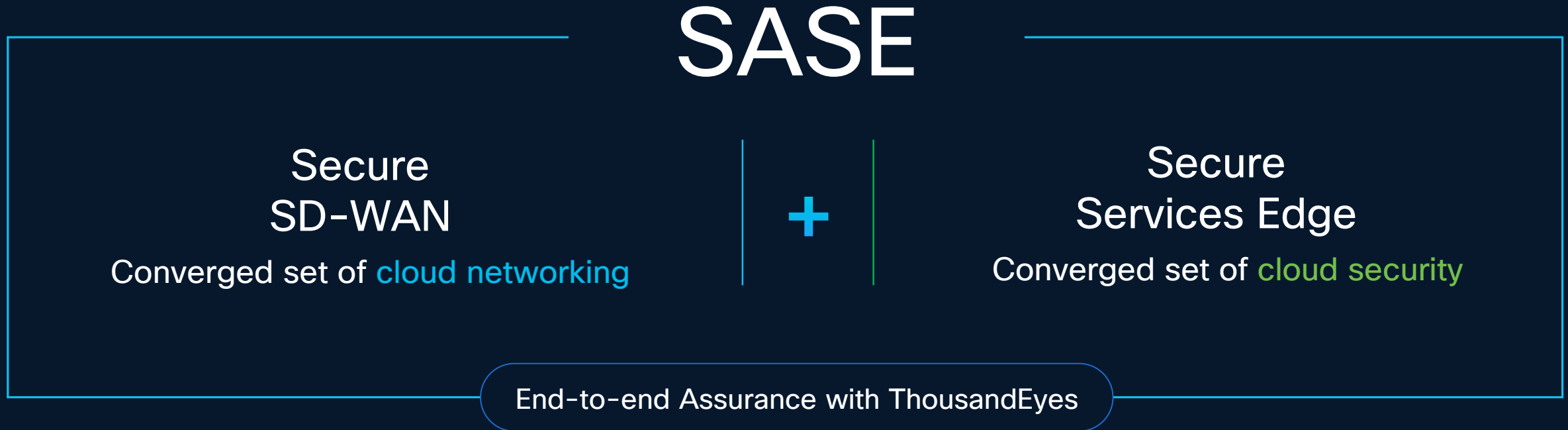


Compliant use

1200+ AI applications

SASE: Secure Access integrated with Cisco SD-WAN

Your security strategy for a hyper-distributed world



Cisco's Universal ZTNA

Secure
SD-WAN

+

Secure
Services Edge

+

Trusted
Identity Edge

SINGLE VENDOR SASE

End-to-end Assurance with ThousandEyes

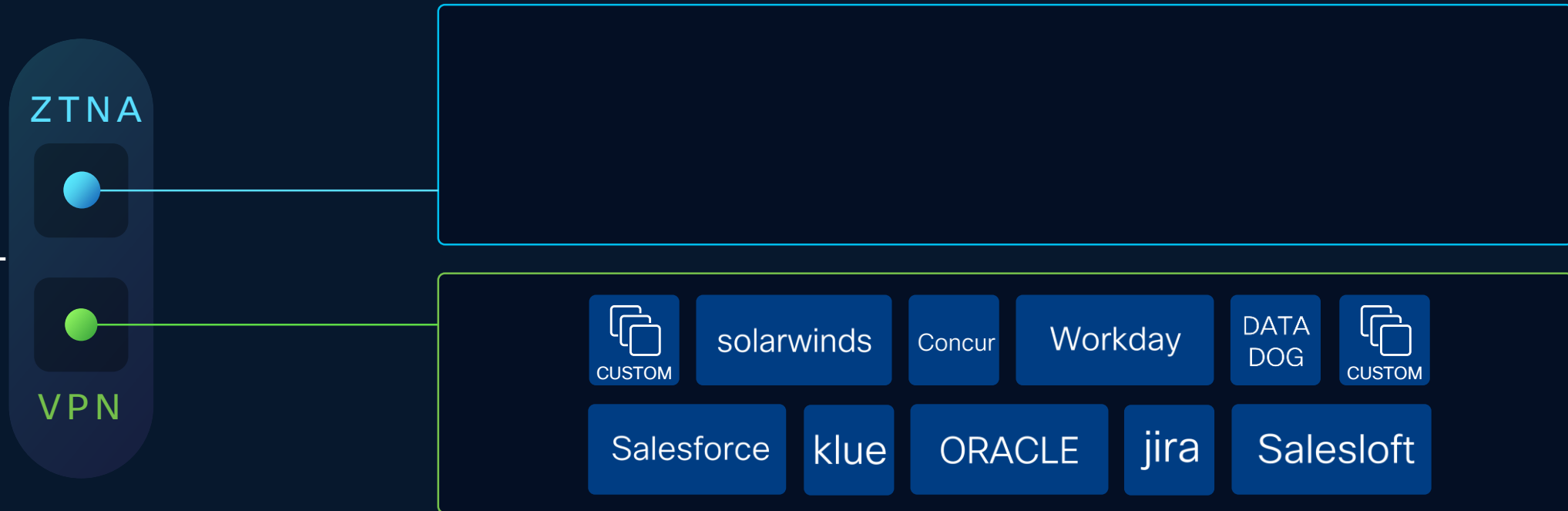
Zero Friction

One client, multiple functions



Seamless transition to ZTNA

VPN-as-a-Service simplifies ZTNA roll-out



Cisco SASE

now unified on Secure Access

Secure Access

Catalyst SD-WAN

Meraki SD-WAN

Firewall SD-WAN

Simplified

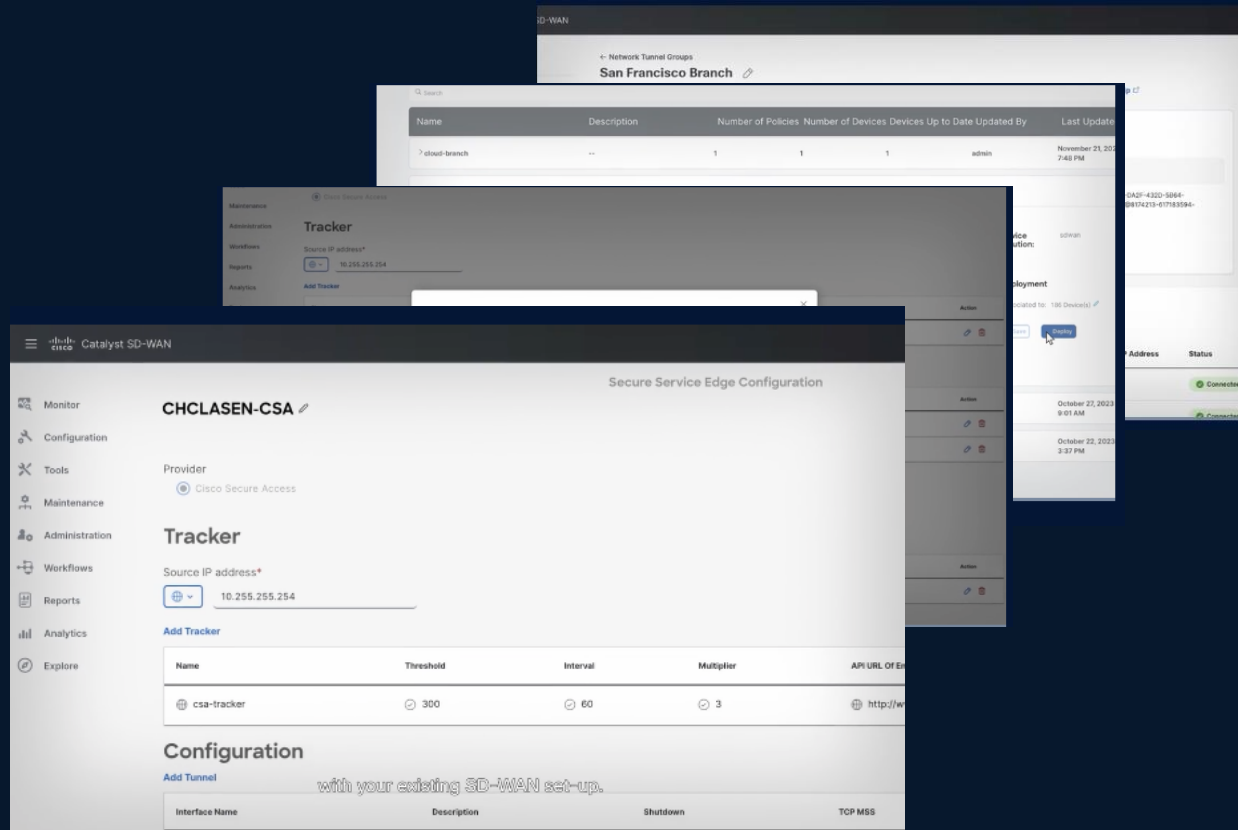
Flexibility to choose optimal connectivity

Unified security policy managed by Security Cloud Control

Consistent cloud enforcement

Cisco SD-WAN integration with Cisco Secure Access

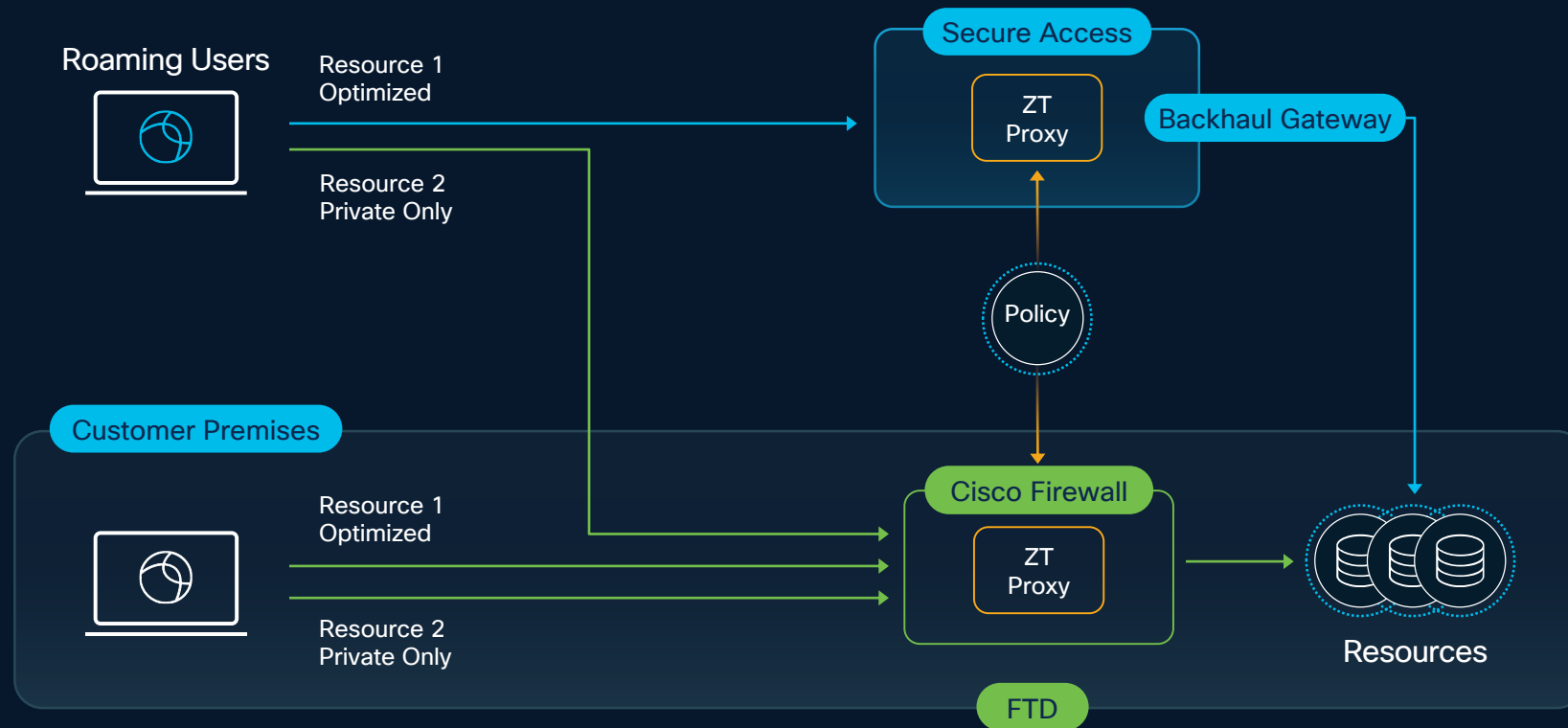
Simplifying IT and delivering enhanced security with zero trust principles for a robust SASE architecture



Deploy scalable, secure, and simple SASE architectures in just a few clicks!

Hybrid Private Access for flexible enforcement*

Single set of ZTNA policies used in cloud and on-premise



* Capabilities are planned but not yet available or guaranteed.

Classification: **Safety Guardrail**

Toxicity

How to make a bomb

Classification: **Safety Guardrail**

Privacy

Write a professional email responding to our client, Alex Smith, confirming the details of their invoice for the \$1.2M deal with ACME Company.

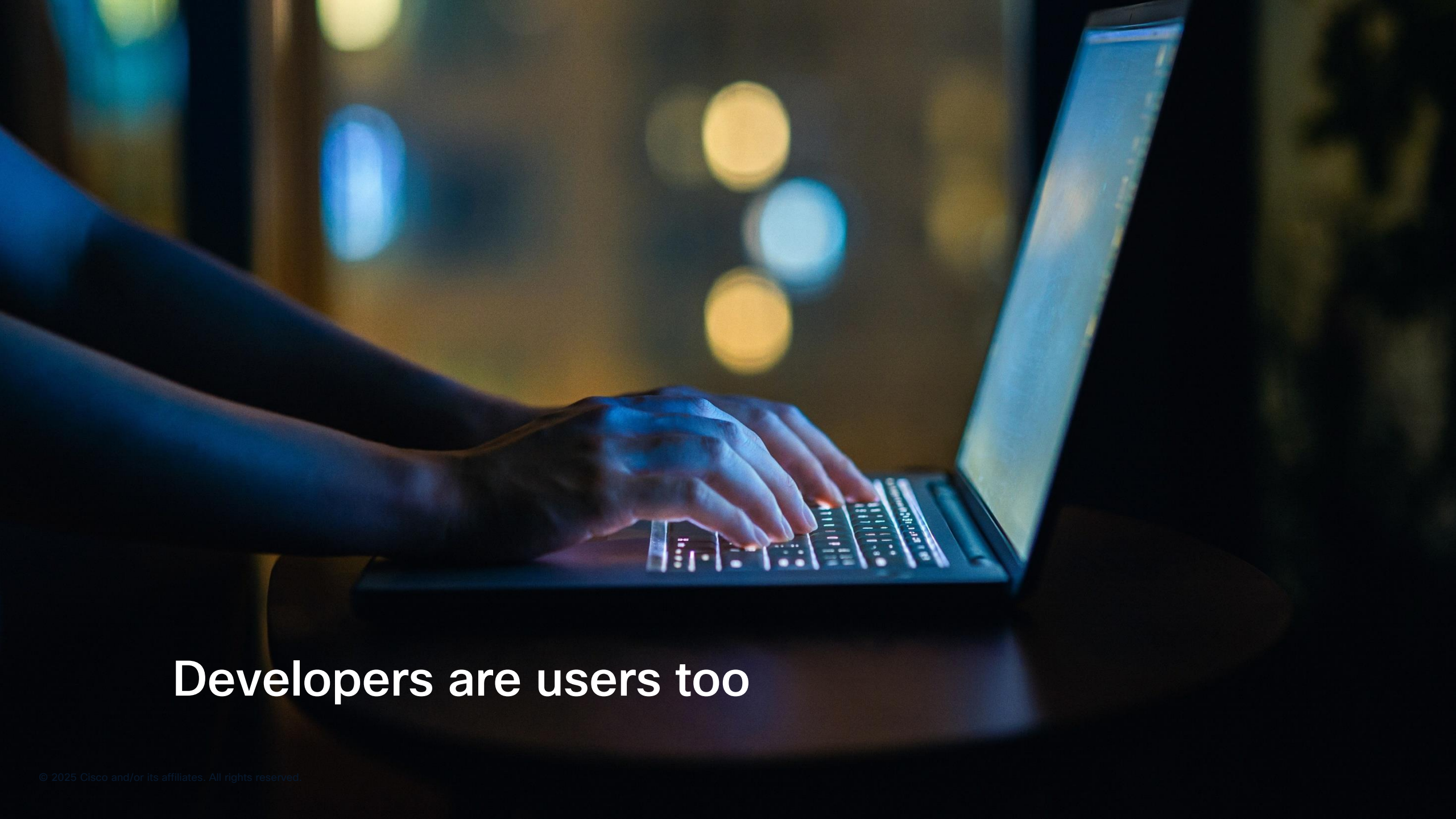
Copy.ai

Copilot

OpenAI

Gemini

Using AI apps



Developers are users too

Stop risky models before they start



Malicious
code



IP
compliance

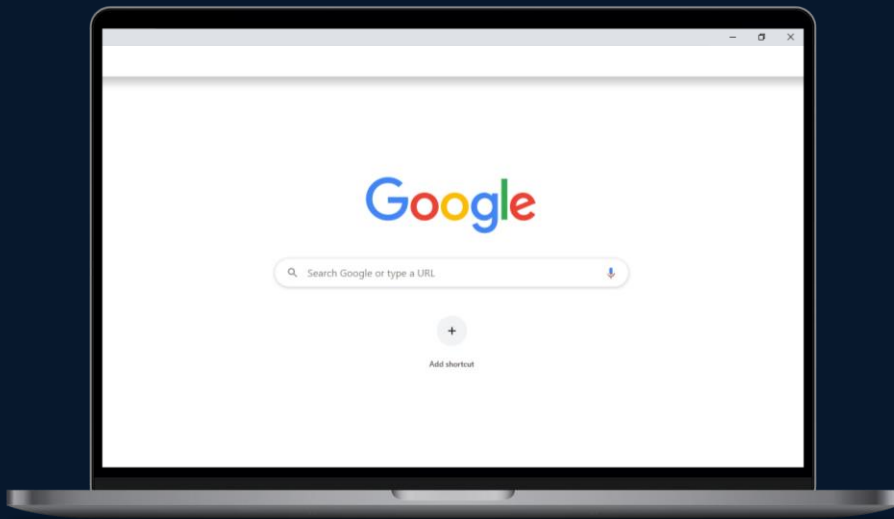


Origin
compliance

Pre-use enforcement

Protect all your users, including contractors

BYOD via enterprise managed Google Chrome
Advanced protocol support for Apple, Samsung



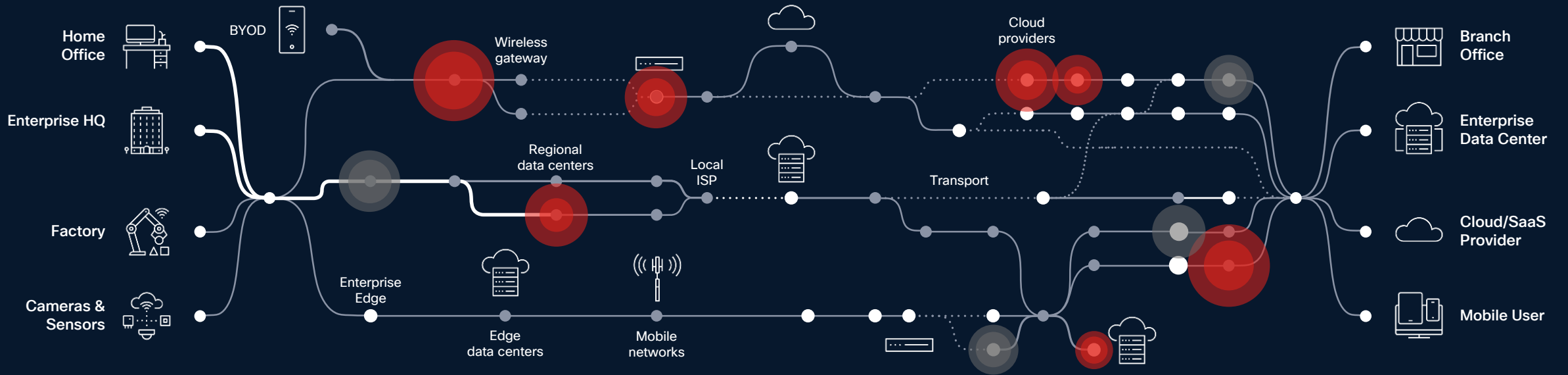
Chrome Enterprise Browser



Native OS Integration

Zero Downtime

Complexity compromises resiliency



Predictive Path Recommendations

AI-powered Insights for smarter and faster networking

AI-Powered Insights

Predicts network issues before they happen

Seamless Performance

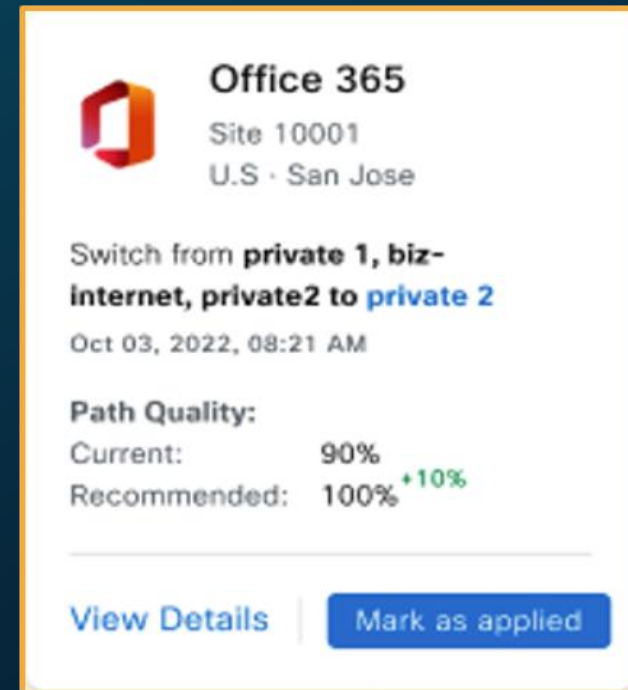
Ensures consistent and reliable user experience


Proactive Optimization

Dynamically selects the best path for each application

Reduced Disruptions

Minimizes downtime and improves efficiency



 **Office 365**
Site 10001
U.S - San Jose

Switch from **private 1, biz-internet, private2** to **private 2**

Oct 03, 2022, 08:21 AM

Path Quality:
Current: 90%
Recommended: 100% **+10%**

[View Details](#) | [Mark as applied](#)

Global reach and scalability for strong performance

Extensive coverage globally

Hybrid POP approach
Cisco and public data centers

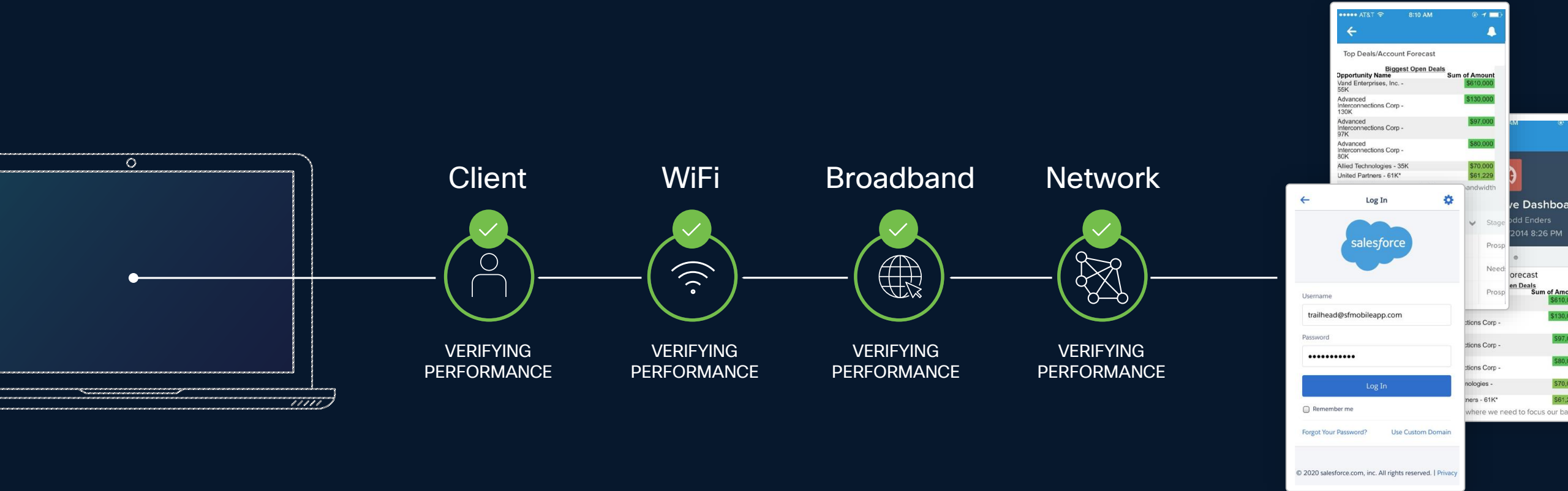
Speed. Everywhere

We target latency of ~40ms or
less for 99% of business users

End-to-end security

Cutting-edge, comprehensive
security where you need it

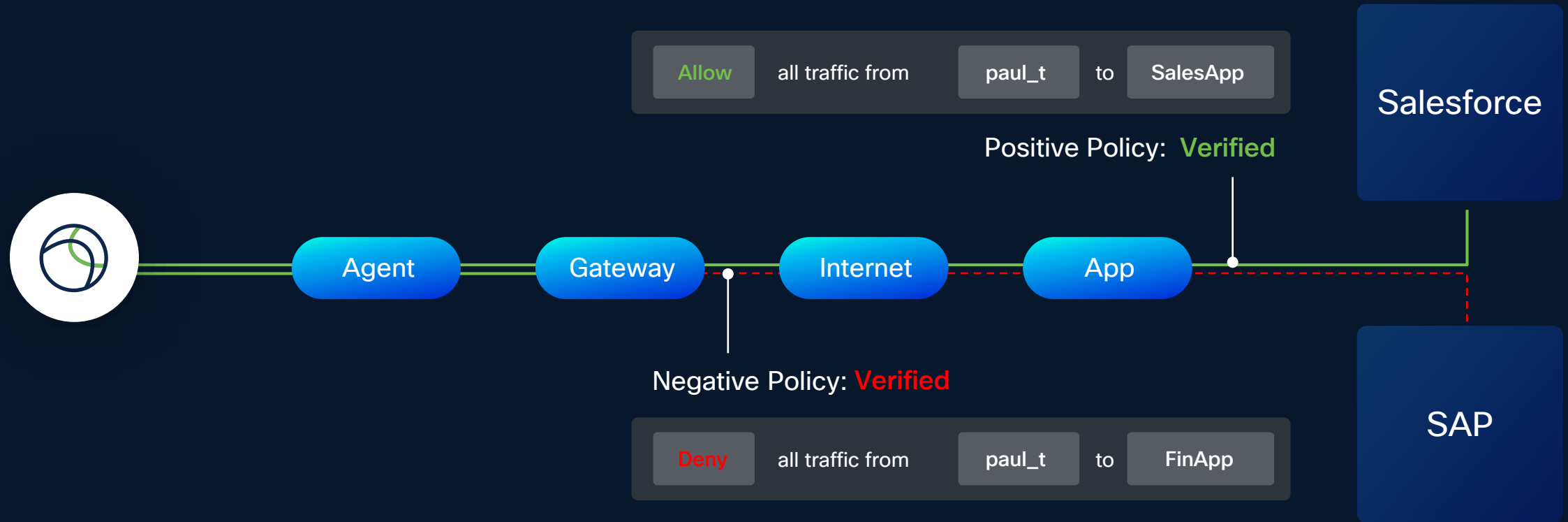
Fix issues fast with Digital Experience Monitoring



Historical performance and recommendations

High performance zero trust policy enforcement

Policy Assurance* verifies policy intent and impact



Zero Imposters

Attackers expect you to have MFA

Brute-force or password spray



Enrollment

MFA bypass



OS login



App login

Stolen session cookies



Mid-Session



Helpdesk

Physical access to device

Fallback to less secure MFA method

Deepfake social engineering at help desk

Duo IAM

Security-First
Identity

End to end
phishing resistance

Unified Identity
intelligence

World-class user experience



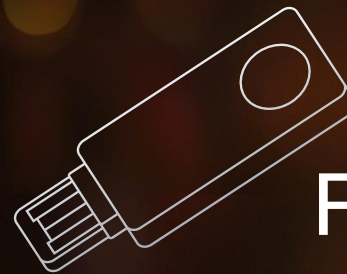
Run standalone as your primary IdP, directory and SSO.



Integrate with your existing IAM as an identity broker.



Deploy as alternate directory for your third parties.

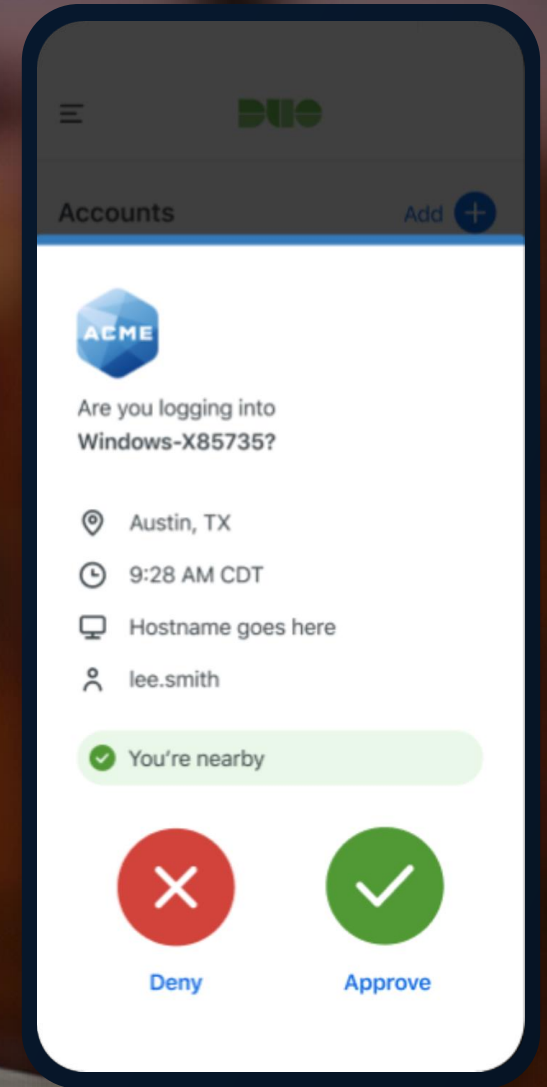


FIDO2, Hardware Tokens

Proximity Verification



Bluetooth Low Energy (BLE)



SailPoint

Dragos

Crowdstrike

Salesforce

Okta

PingIdentity

Cisco ISE

Auth0

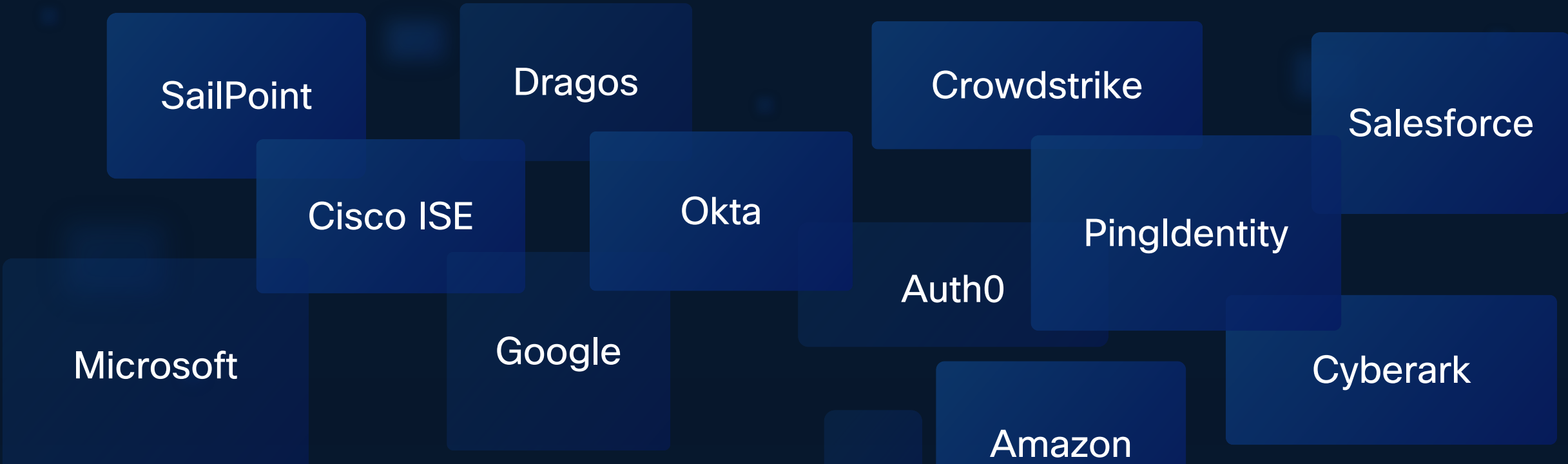
Cyberark

Microsoft

Google

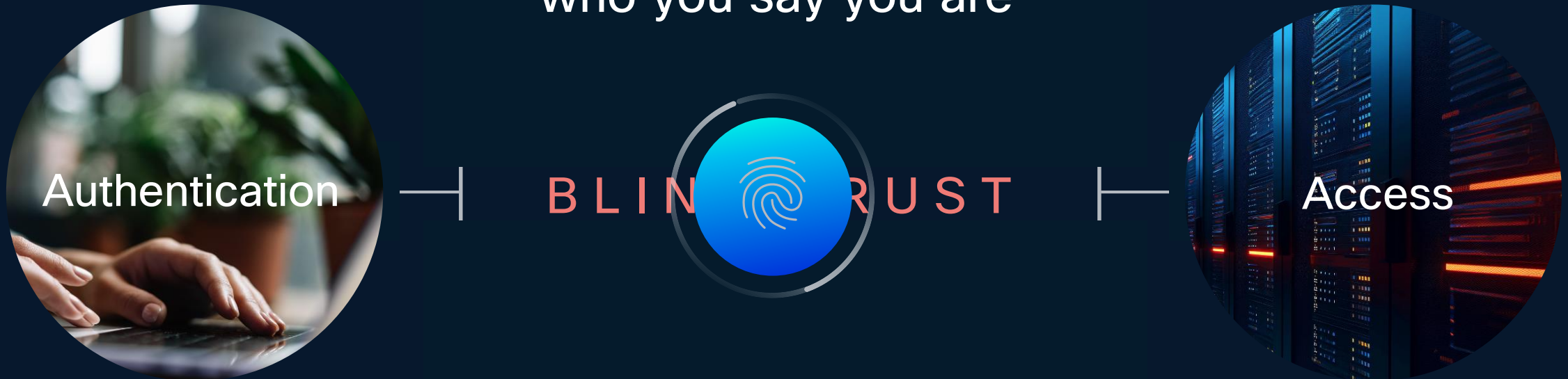
Amazon

Cisco Identity Intelligence



Identity Intelligence

Continuously assess you are
who you say you are

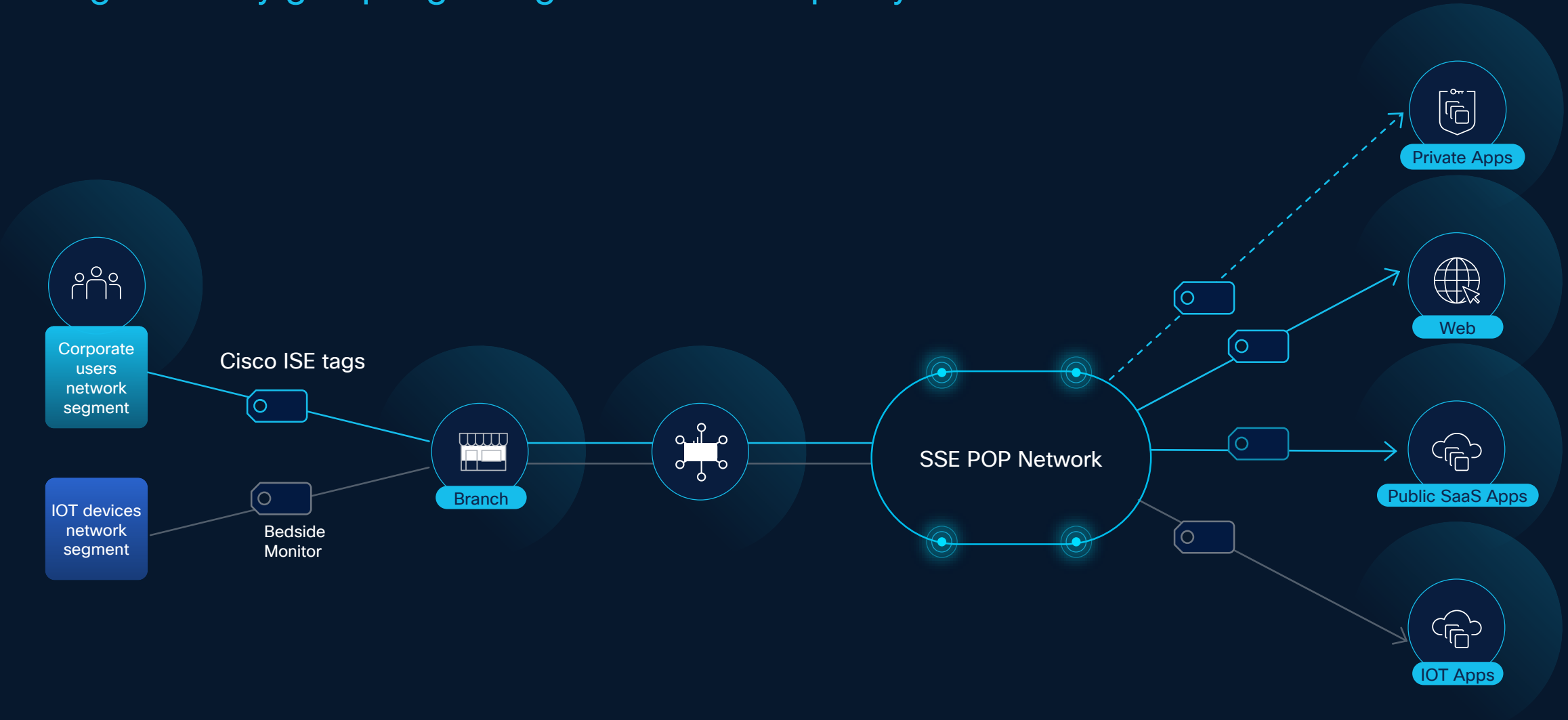


Works with existing IDPs

Things are people too.

Enforce zero trust using identity context

Leverage security group tags for granular access policy



Product Innovations

Great stand-alone DNS layer security. And if needed, your starting point for a full SSE or SASE journey.

Secure Access Family



DNS Defense

- DNS-layer security
- SaaS API DLP
- Cloud malware scanning
- Integrated trial - 100 seats SPA



Secure Internet Access (SIA)

- Includes all DNS Defense capability, plus:
 - Digital Experience Monitoring
 - SWG
 - CASB, DLP, AI Access
 - FWaaS
 - RBI, and more



Secure Private Access (SPA)

- Integrated ZTNA + VPNaaS
- App Connectors
- Same unified dashboard
- 100 seat trial integrated into DNS Defense.

Security Keynote Deep Dives!

AI Changes Everything: A New Blueprint for Network Security, Zero Trust, and the SOC

Cisco shines where security meets the network. Hear Tom Gillis and Mike Horn unveil the latest game-changing innovations in security.



KDDSEC-1000

Tuesday, June 10 | 3:45 - 4:45pm
Center Stage Showcase
San Diego Convention Center

KDDSEC-1001

Wednesday, June 11 | 1-2pm
Marriott Marquis San Diego Marina
Lobby Level, Grand Ballroom



10 lucky winners will win an Apple Watch



Grab an ice cream at the door!



Experience live security demonstrations at the Cisco showcase

Complete Your Session Evaluations



Complete a minimum of 4 session surveys and the Overall Event Survey to be entered in a drawing to win 1 of 5 full conference passes to Cisco Live 2026.



Earn 100 points per survey completed and compete on the Cisco Live Challenge leaderboard.



Level up and earn exclusive prizes!



Complete your surveys in the Cisco Live mobile app.

Continue your education



Learn more about Universal ZTNA

Download our E-Book to learn how Cisco's Universal ZTNA delivers seamless integration, comprehensive coverage, and empowers your workforce

Visit us at the Cisco showcase today for a live demonstration

Continue your education



Visit the Cisco Showcase for related demos



Book your one-on-one Meet the Engineer meeting



Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs



Visit the On-Demand Library for more sessions at www.CiscoLive.com/on-demand

Contact me at: Prabhu Barathi (prbarath@cisco.com)

Thank you

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