



# ANM TECH DAY

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**Your VPN called. It's time to move on  
with Universal ZTNA.**

*Zero trust isn't a buzzword anymore. It's the architecture your users, devices, and data depend on.*

# Agenda

- Traditional Architecture
- SASE & Universal ZTNA
- SSE Vendor Comparison
- Cisco Secure Access
  - Architecture
  - Feature Deep Dive
- Challenges/Best Practices
- Key Takeaways
- Trivia Round 
- References



# Agustin Lozano

Solutions Architect, CCIE# 15915 (Routing/Switching & Security)

- 23+ years as a post-sales engineer troubleshooting, designing, implementing, & securing infrastructures across various industries throughout the country.
- ~5 years with ANM as pre-sales engineer assisting organizations position and adopt technologies
- Key focus areas: design & implementation of large scale, highly-available infrastructures, advanced routing, secured connectivity, & hardening attack surfaces.
- Passionate about working together to achieve desired outcomes.

## Key Skills:

- Technology Research
- Outcome-Driven Solutions
- Technical Documentation
- Strategic Roadmap Planning
- Team Building



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# Traditional Architecture



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# The Problem with Traditional Networking & Security

*Raise your hand if you're still running on-prem filtering today!*

## The Problem with Traditional

- Security services built around places.
- Remote Access VPN inherently grants access
- Inefficient backhaul traffic on-prem
- Limited by firewall horsepower for advanced features
- Lack of maintenance = insecure!
- Difficult to verify identity of users and devices
- Gaps in security protection & policy drift

## Behavioral Shift Drove Architectural Change

- COVID changed work — not just “remote”, but at any hour & from any device.
- Majority of resources moving to SaaS/cloud, but not all
- Lack of granular end-to-end visibility to applications
- Even with 100% cloud architectures, still need a way to provide a unified access policy.



SOURCE

Cisco Talos  
2024 Year in Review  
Talos Incident Response

THE BLIND SPOTS SSE WAS BUILT TO FILL

# Internet threats that bypass traditional security.

## SHADOW SAAS

# 70K+

cloud apps in Cisco **App Discovery** — most orgs find 5x more than sanctioned.

CISCO SECURE ACCESS

## LIVING OFF THE LAND

# 70%+

of Talos IR engagements involved **living-off-the-land techniques** — invisible to perimeter firewalls, caught by SSE inline inspection.

CISCO TALOS · 2024 YIR

## TIME TO EXFIL

# 24hr



median time to **data exfiltration** after initial access — SSE's DLP + CASB catches this in-flight.

CISCO TALOS · 2024 YIR

# 60%

of Talos IR cases involved **identity-based attacks** — the #1 vector in 2024.

CISCO TALOS · 2024 YIR

# 47%

of malware delivered through **cloud & SaaS apps**, not traditional downloads.

NETSKOPE · 2024

# 26%

of users share data in **personal app instances** — #1 insider vector.

NETSKOPE · 2024

# 88%

of breaches caused by **human error** — accidental sharing, misdirected emails.

STANFORD / TESSIAN

WHY WE'RE STILL TALKING ABOUT THIS

# Remote-Access VPN is now an attack surface, not a control.

SOURCES

Zscaler ThreatLabz  
VPN Risk Report 2024 / 2025  
Cisco Talos · 2024 Year in Review

This requires a new approach to networking and security...

ORG-LEVEL EXPOSURE

# 81%

of organizations are **extremely or very concerned** their VPN architecture will lead to a breach.

ZSCALER THREATLABZ · 2024

HIT LAST 12 MONTHS

# 56%



of organizations experienced one or more cyberattacks **via VPN vulnerabilities** in the last year.

THREATLABZ · 2025

NO SEGMENTATION

# 48%

of ransomware victims had **no network segmentation** — ZTNA eliminates flat-network lateral movement.

CISCO TALOS · 2024 YIR

# 65%

plan to adopt **zero trust** in the next 12 months.

THREATLABZ · 2025

# #1

**MFA misconfiguration or absence** on remote access — the most common weakness across all Talos IR cases.

CISCO TALOS · 2024 YIR

# 60%

of Talos IR cases involved **identity-based attacks** — the #1 vector.

CISCO TALOS · 2024 YIR

# 45%

of attacked orgs reported **data exposure** as a direct VPN-incident outcome.

THREATLABZ · 2025



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# SASE & Universal ZTNA



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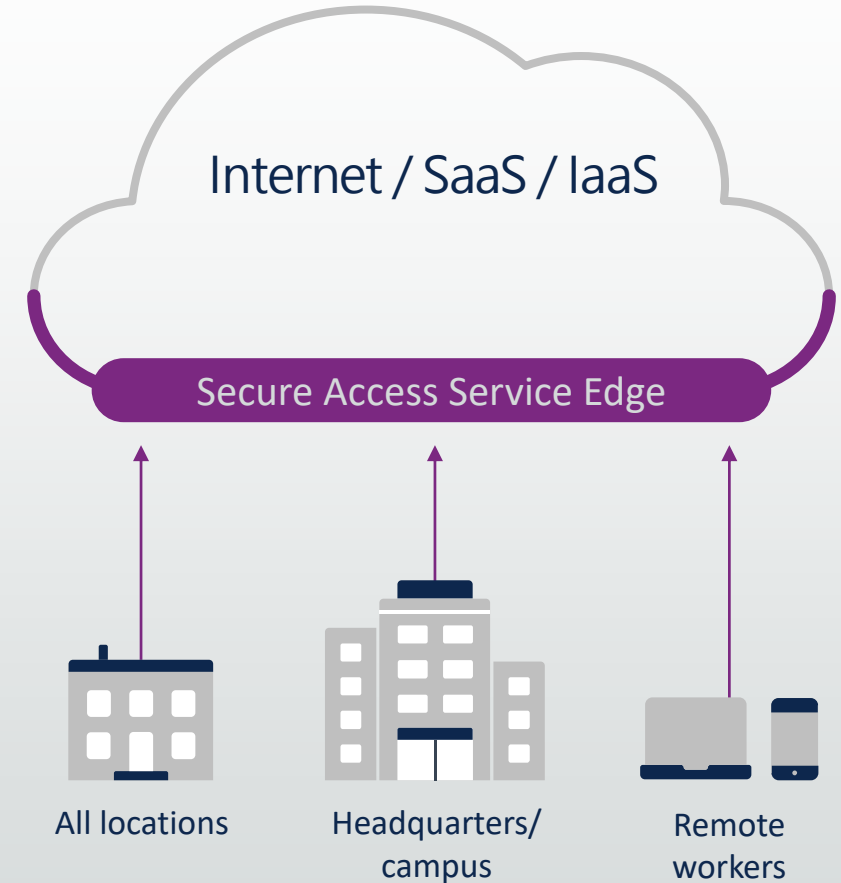
# Today's mobile & cloud-centric world

*Drives the need for a Secure Access Service Edge (SASE) architecture*

- **Connect users to the apps and data — in any environment, from anywhere**
- **Control access and enforce the right security protection consistently**
- **Combine networking and security functions in the cloud**

*"The enterprise perimeter is no longer a location; it is a set of dynamic edge capabilities delivered when needed as a service from the cloud."*

Gartner  
The Future of Network Security is in the Cloud - Neil MacDonald, Lawrence Orans, Joe Skorupa, 2019



# Gartner SASE/SSE Authors

Who Defined Modern Secure Access



## NEIL MACDONALD

THE ARCHITECT · SECURITY  
DISTINGUISHED VP ANALYST



### CONTRIBUTION

Convergence of **SWG, CASB, ZTNA & DLP** as a cloud-native platform.

### LEGACY

Lead author of the **2019 SASE paper** and the **2021 roadmap** that introduced SSE.



## JOE SKORUPA

THE NETWORKER · WAN  
DISTINGUISHED VP ANALYST

### CONTRIBUTION

The networking half — **SD-WAN & WAN edge** had to converge with security.

### LEGACY

Co-author of the **2019 SASE paper** and the **WAN Edge Magic Quadrant**.



## LAWRENCE ORANS

THE PRACTITIONER · SWG  
VP ANALYST

### CONTRIBUTION

17 yrs at Gartner. Lead author of the **SWG Magic Quadrant**.

### LEGACY

Co-author of the **2019 SASE paper** that named the category.



## JOHN WATTS

THE OPERATOR · ZTNA  
VP ANALYST

### CONTRIBUTION

Operationalized SSE — turned the category into the **SSE Magic Quadrant**.

### LEGACY

Co-author of the **2021 SSE roadmap**; lead author of every annual SSE MQ since 2022.

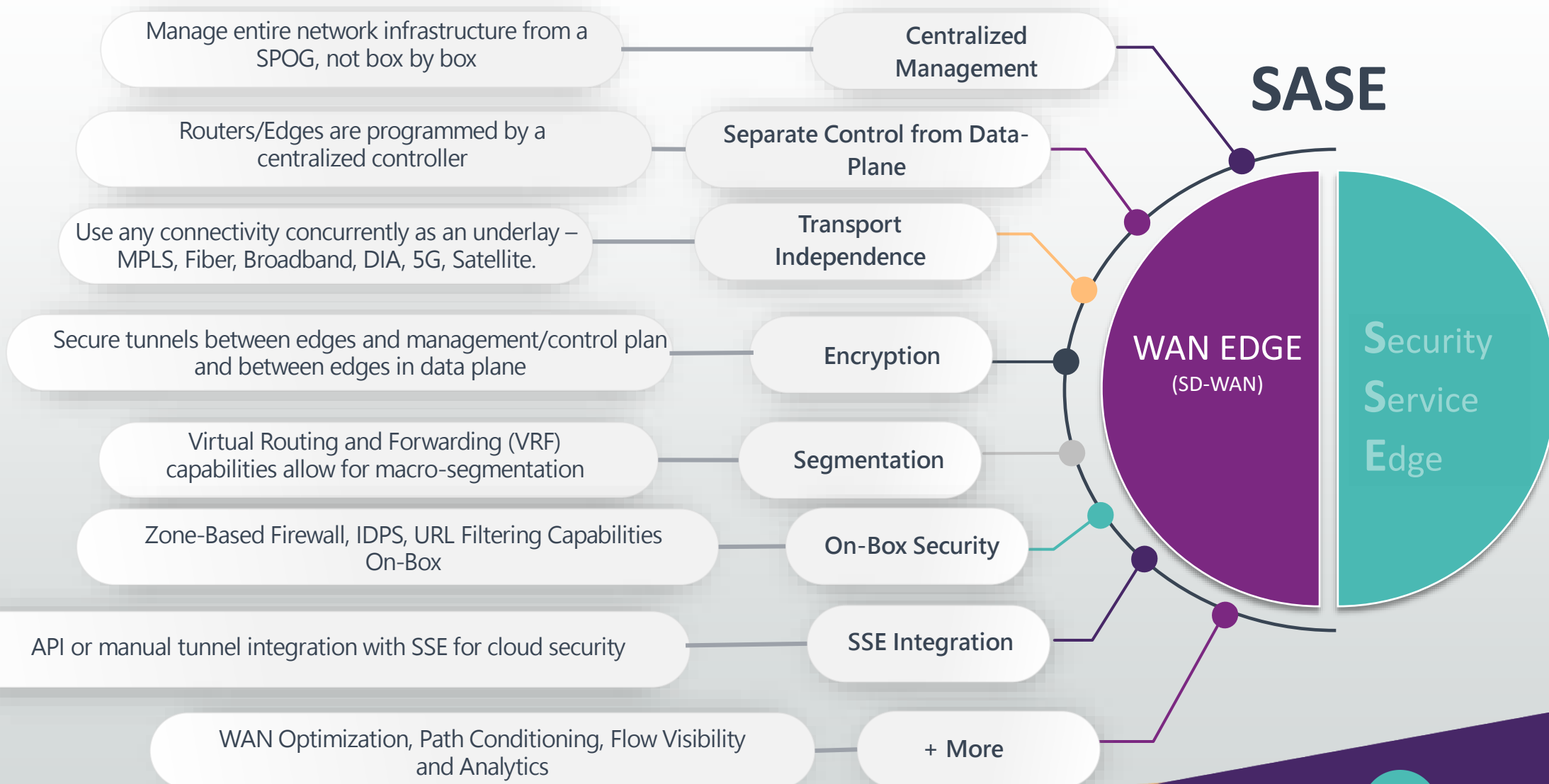
## FOUNDATIONAL PAPERS · GARTNER RESEARCH

**SASE** — *The Future of Network Security Is in the Cloud* · MacDonald, Orans, Skorupa · Aug 2019

**SSE** — *2021 Strategic Roadmap for SASE Convergence* · MacDonald, Watts · Mar 2021

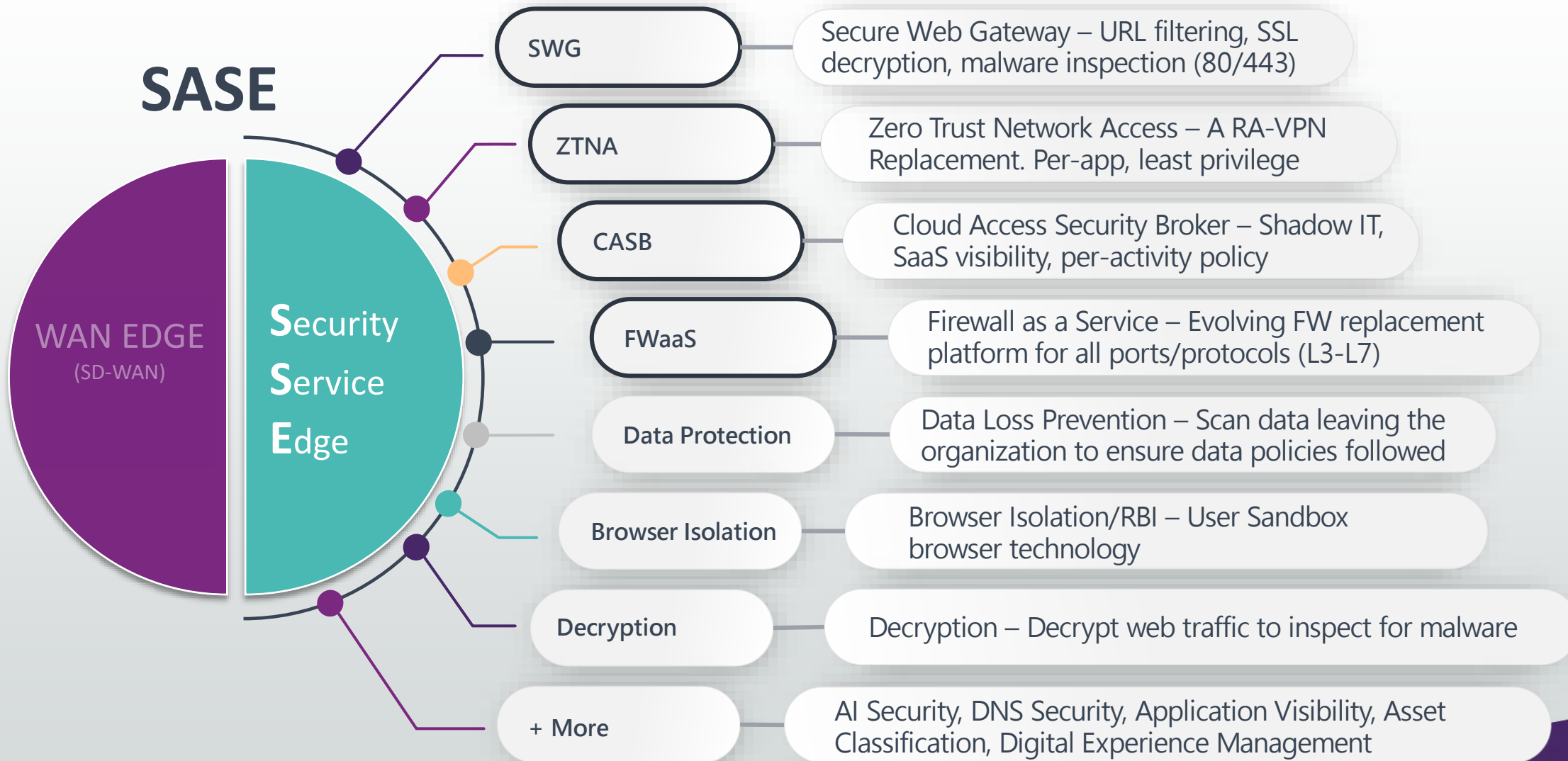
# Secure Access Service Edge – WAN Edge

Networking



# Secure Access Service Edge – Security Service Edge

Security



# Security Service Edge (SSE) Benefits

## Scale Up or Down Anytime

Cloud scales automatically, subscription based, no refresh cycles, no EoL equipment.

## See Inside Encrypted Traffic

SSL decryption, DLP, Anti-malware, URL filtering for all users regardless of location or device.

## Eliminate VPN Attack Surface

Zero Trust: users connect to apps, not the network — eliminates lateral movement.

## CASB / SWG / ZTNA / DLP / FWaaS

Single console, single policy engine, five products replaced with one. Visibility and control over SaaS usage, shadow IT discovery, data exfiltration prevention, cloud app risk scoring, etc.

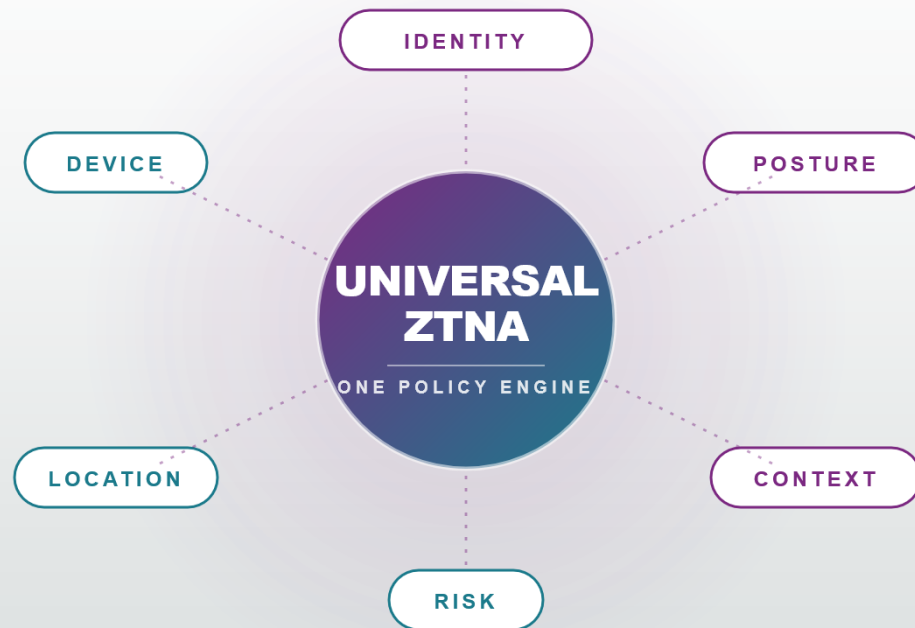
## Operations & Compliance

Third-party / vendor access | Secure AI tool governance | BYOD security | Compliance posture (HIPAA, FedRAMP, CMMC)



# What makes it Universal ZTNA?

*Identity-driven, continuously-evaluated, applied to every user, device, location, and resource, regardless of where they sit.*



## THE GARTNER TEST

### One client, ZTNA+ VPNaaS

A single endpoint agent must broker modern apps via ZTNA *and* tunnel legacy / non-IP apps via VPNaaS — under the same policy engine, with no second client to manage.

### One trust verdict

Identity, posture, and risk signals produce **one trust verdict** applied uniformly to SaaS, internet, private DC apps, and on-prem branch/factory apps — not four separate enforcement decisions.

### Agent + agentless + on-prem

Multiple enforcement modes — client agent for managed, browser-based for BYOD/3rd-party, on-prem firewall for LAN/branch, app connectors for IoT/OT — all governed by the same policy.

### Continuous, adaptive trust

Trust is re-scored every session as posture, location, and behavioral signals change — access is revoked mid-session if risk rises, not granted once and forgotten.





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# SSE Vendor Comparison



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# SSE Competitor Strengths

*Vendor-Independent Perspective — Every environment is unique, but some things are true*



**Founded 2007 / Launched SSE ~2021**

Best-of-breed SSE, Enterprise-grade, Gartner Leader. Typically, more expensive to procure and support. Best for large enterprise & VPN replacement at scale. Emerging SASE solution.



**Founded 2005 / Launched SSE ~2019**

Continuous inline inspection of private app traffic; server-initiated traffic support (outbound); Threat-prevention at scale, App Acceleration. FW & SSE Unified Management via SCM.



**Founded 2012 / Launched SSE ~2022**

Data protection leader. Best-in-class CASB/DLP depth. Ideal for healthcare, finance, legal — where data exfiltration is the primary risk.



**Founded 2003 / Launched SSE ~2021**

Quality solution at a cost-effective price. Strong in K-12 — granular URL categories built for education. ZTNA included in base license.



**Founded 1984 / Launched SSE 2023**

Massive advantage if you have Umbrella, Cisco EA, or existing Cisco Security product investments. Transition to Universal ZTNA dramatically easier.



MARKET TIMELINE

# SASE / SSE Evolution

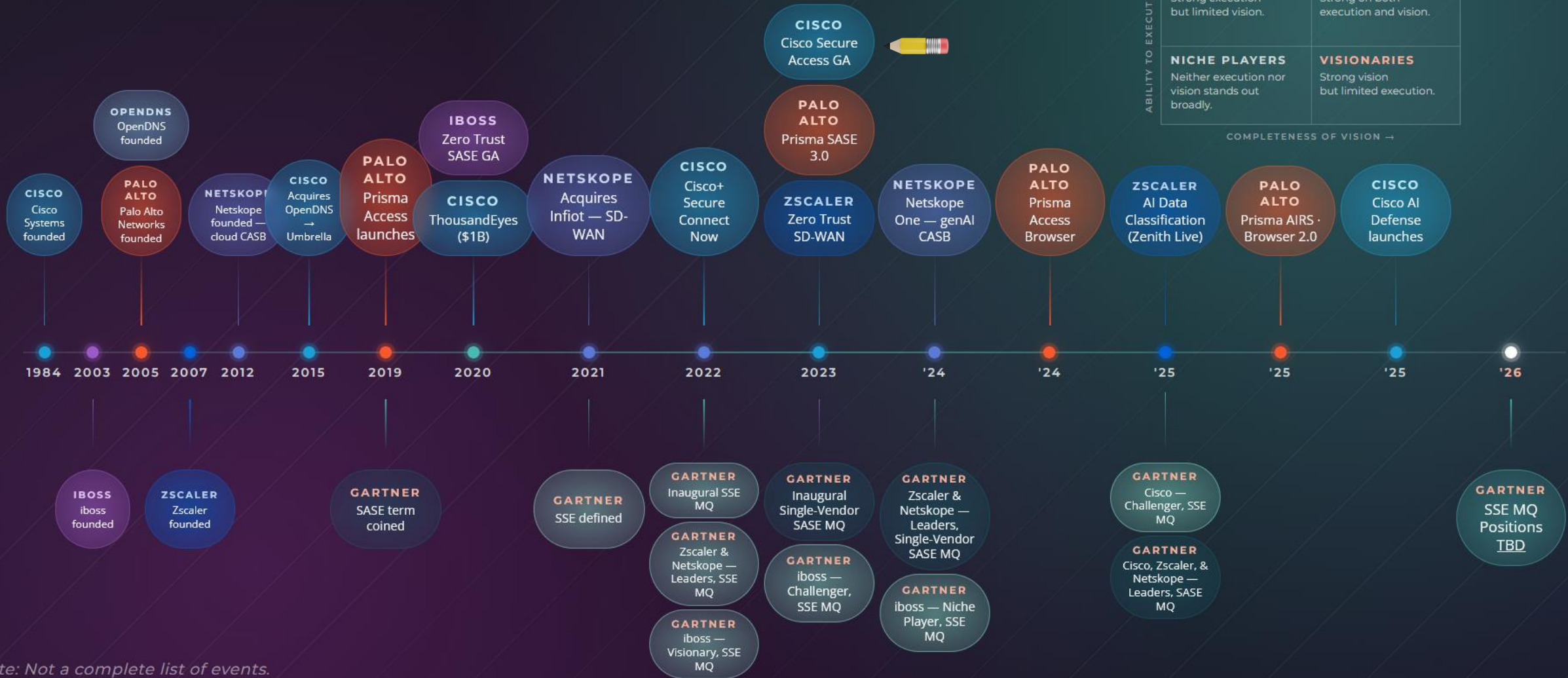
LEGEND ■ CISCO ■ ZSCALER ■ NETSKOPE ■ PALO ALTO ■ IBOSS ■ GARTNER

From 1984 to today  
 Founding & SASE/SSE Milestones — Gartner, Cisco, Palo Alto, Zscaler, Netskope, iboss

GARTNER MAGIC QUADRANT — QUICK KEY

ABILITY TO EXECUTE →	<b>CHALLENGERS</b> Strong execution but limited vision.	<b>LEADERS</b> Strong on both execution and vision.
	<b>NICHE PLAYERS</b> Neither execution nor vision stands out broadly.	<b>VISIONARIES</b> Strong vision but limited execution.

← COMPLETENESS OF VISION →



Note: Not a complete list of events.

SIDE BY SIDE

# ANM Focus SSE Solutions

SOURCES

Vendor data sheets · 2024 / 2025  
Cisco · Zscaler · Netskope  
Palo Alto Networks · iboss



## CISCO

### SECURE ACCESS

#### INTERNET ACCESS

Secure Internet Access

#### PRIVATE ACCESS

Secure Private Access

#### ZTNA MODEL

ZTNA 1.0 + hybrid VPNaaS

#### CLOUD FOOTPRINT

~50+ PoPs (AWS + Equinix + others)

#### DEM

ThousandEyes

#### THREAT INTEL

Talos 

#### GOV/LEGAL (NIST SP 800-53)

FedRAMP Moderate

#### AI SECURITY

AI Defense + AI Access

## ZSCALER

### ZERO TRUST EXCHANGE

#### INTERNET ACCESS

Zscaler Internet Access

#### PRIVATE ACCESS

Zscaler Private Access

#### ZTNA MODEL

ZTNA 1.0

#### CLOUD FOOTPRINT

160+ PoPs (AWS + Equinix)

#### DEM

ZDX

#### THREAT INTEL

ThreatLabZ

#### GOV/LEGAL (NIST SP 800-53)

FedRAMP High

#### AI SECURITY

AI Security Suite · AI Guard

## NETSKOPE

### NETSKOPE ONE

#### INTERNET ACCESS

NG-SWG

#### PRIVATE ACCESS

Netskope Private Access

#### ZTNA MODEL

ZTNA 1.0 + Universal ZTNA

#### CLOUD FOOTPRINT

120+ DCs (NewEdge Private Cloud)

#### DEM

Netskope DEM

#### THREAT INTEL

Threat Labs

#### GOV/LEGAL (NIST SP 800-53)

FedRAMP High · IRAP

#### AI SECURITY

SkopeAI

## PALO ALTO

### PRISMA ACCESS

#### INTERNET ACCESS

Prisma Access

#### PRIVATE ACCESS

ZTNA Connector

#### ZTNA MODEL

ZTNA 2.0

#### CLOUD FOOTPRINT

100+ PoPs (AWS + GCP)

#### DEM

Autonomous DEM

#### THREAT INTEL

Unit 42

#### GOV/LEGAL (NIST SP 800-53)

FedRAMP High · IL5

#### AI SECURITY

Prisma AIRS

## IBOSS

### ZERO TRUST SASE

#### INTERNET ACCESS

Full stack

#### PRIVATE ACCESS

iboss ZTNA

#### ZTNA MODEL

ZTNA 1.0

#### CLOUD FOOTPRINT

100+ PoPs (AWS + Azure)

#### DEM

Native telemetry

#### THREAT INTEL

iboss Threat Research

#### GOV/LEGAL (NIST SP 800-53)

FedRAMP Moderate

#### AI SECURITY

AI CASB + AI SSPM



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# Cisco Secure Access



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## CISCO SSE PORTFOLIO

## Cisco Umbrella &amp; Secure Access

## Cisco Umbrella

DNS-FIRST CLOUD SECURITY

FOUNDATIONAL

Block malicious domains, phishing, and DNS exfiltration before traffic ever reaches your network.

## PACKAGES

## DNS Essentials

DNS-layer block, app discovery, category filtering.

## DNS Advantage

+ Investigate (deep IP/ASN intel), partial URL/SWG.

## SIG Essentials

+ Full SWG proxy, FWaaS L3/4, CASB, SD-WAN tunnels.

## SIG Advantage

+ DLP (real-time/API), L7 firewall, SaaS malware scan.

## BEST FIT

Orgs needing rapid DNS-layer protection, roaming user coverage.

## Cisco Secure Access

CLOUD-DELIVERED SSE · ZERO TRUST

CONVERGED

**ZTNA + SWG + CASB + FWaaS** — plus VPNaaS, DLP, RBI, AI guardrails, DEM (ThousandEyes), Duo identity, and reserved IPs.

## PACKAGES

## DNS Defense

DNS-layer parity with Umbrella DNS.

## SIA Essentials

Secure Internet Access — SWG, CASB, FWaaS L3/4.

## SPA Essentials

Secure Private Access — ZTNA + VPNaaS, hybrid policy.

## SIA Advantage

+ DLP, RBI, L7 FW, UEBA, ThousandEyes, DEM, AI guardrails.

## SPA Advantage

+ Clientless ZTNA, trust-level policy, Enterprise Browser, posture, full DEM.

## BEST FIT

Orgs retiring VPN or standardizing on a unified zero-trust SSE fabric.



# Architecture Overview

*Any Endpoint, Any Destination, Policy Enforced in the Cloud*

## Endpoints/Destinations

- Managed, Unmanaged/BYOD, Mobile, Branch/SD-WAN
- Internet/SaaS, Private Apps, GenAI Apps, Partner APIs

## Traffic Flow

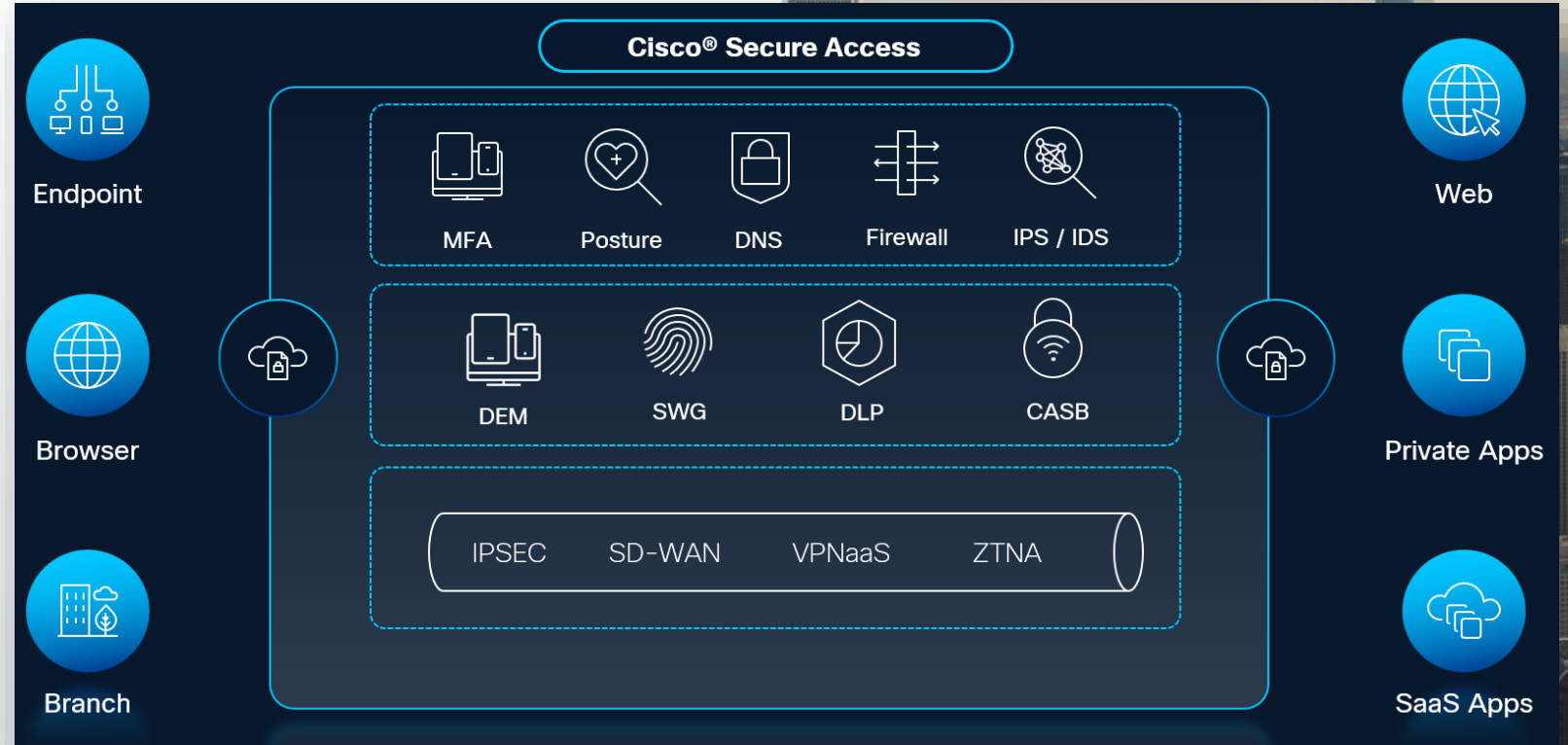
- User/Device → Nearest Secure Access PoP → Destination
- Single-pass inspection for all services — all in one cloud gateway

## Cloud Infrastructure

- ▶ 50+ global PoPs – AWS, Equinix, and others — US-based and international coverage

## Security Cloud Control Plane

- Unified Management Console — single policy engine across all SSE functions
- Moving toward a “single-pane of glass”



# How to Get Traffic to Secure Access

## Cisco Secure Client Agent

Installs on endpoint, routes all traffic to nearest PoP automatically. Full SSL inspection, DLP, posture checks, ZTNA (preferred method)

## IPsec/GRE Tunnel (On-Prem Devices / Branches)

Routers/firewalls tunnel all traffic to Secure Access PoP. Covers branches, IoT, and devices that can't run an agent.

## Cisco/Meraki SD-WAN Integration

Native integration via API — No IPsec configuration. Seamless connectivity while other traffic goes direct

## CASB API Integrations

Connects directly to Microsoft 365, Google Workspace, and other to scan data at rest. No traffic steering needed

## PAC File / Explicit Proxy

Lightweight redirect, no full agent required. HTTP/HTTPS only. Unmanaged or partial rollouts.





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# Cisco Secure Access Features



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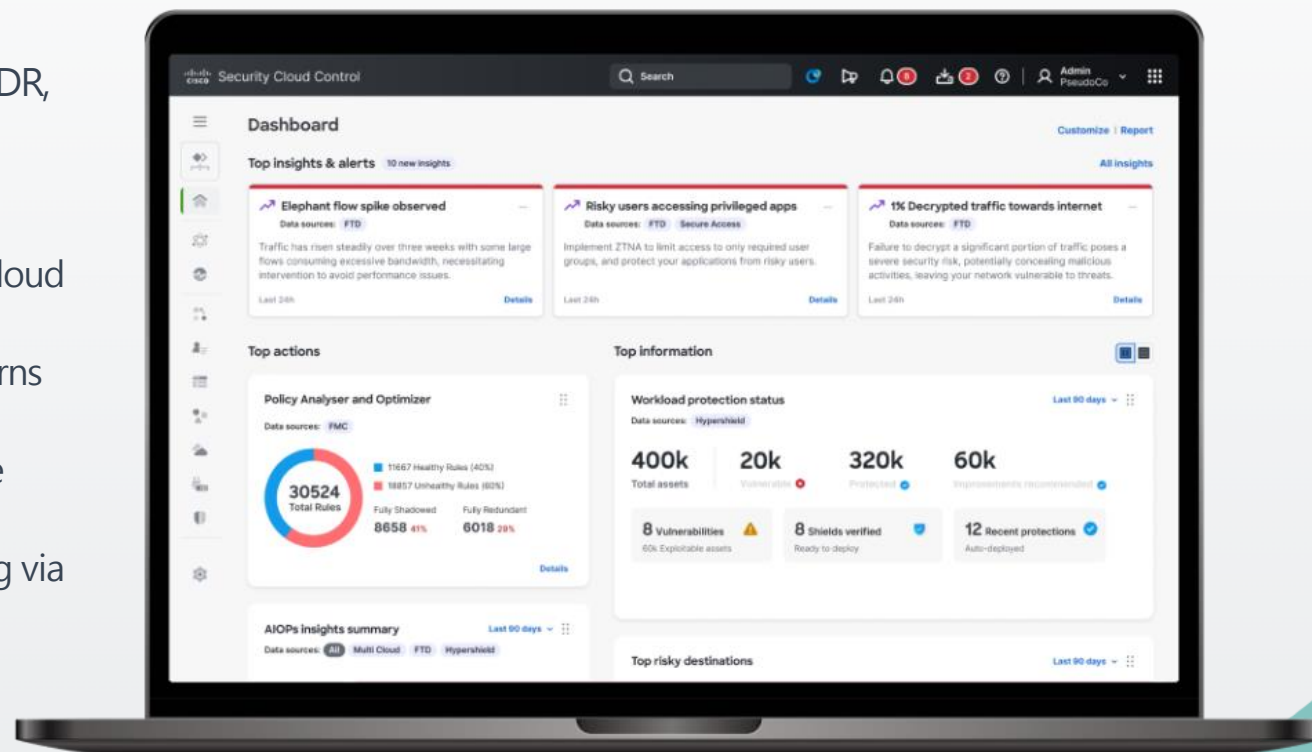
# Cisco Security Cloud Control (SCC)



One AI-native console for Secure Access, Secure Firewall, Multicloud Defense, Hypershield, Catalyst SD-WAN, Secure Workload, and AI Defense — the successor to Cisco Defense Orchestrator.

Cisco's unified management console for the Security Cloud. One interface for Secure Access, Secure Firewall, Multicloud Defense, XDR, and Duo, with a shared identity, SSO, and policy object model.

- **Products managed:** Secure Access, Secure Firewall (FTD/ASA), Multicloud Defense, XDR, Duo, Hypershield, Multifactor.
- **Identity:** Single SSO and unified roles — your IdP (SAML/OIDC) governs every Cisco Security product.
- **Policy:** Shared network, host, group, and user objects between Secure Access and Firewall policy.
- **AI Assistant:** Policy authoring, rule explain, event triage, and reporting via natural language.
- **APIs:** Open by default — REST + OpenAPI 3.0 for policy, tenants, and events; one SDK, every product.



# Cisco AI Assistant for Secure Access

Natural-language copilot embedded in the Secure Access console — turns hours of policy work, troubleshooting, and reporting into a conversation.

**Endpoint Tests:**  
Monitor the health of applications with existing endpoint tests.

**Test Network** Healthy  
Network  
2 / 4 Agents impacted

**Ping test** Unhealthy  
Network  
1 / 1 Agents impacted

**Cisco Secure Ac...** Healthy  
Network  
No issues detected

**Cisco AI Assistant**

Today

tell me more about the agent impacted by the ping test

How would I protect a RDP connection?

How do I create a supply chain rule?

What are the SaaS applications with the highest risk?

Yesterday

How do I set up breakout applications?

What are the top 10 devices that are impacted?

What are the SaaS applications with the highest risk?

Provide a breakdown of countries' risk.

Previous 7 days

What are the SaaS applications with the highest risk?

How do I set up breakout applications?

**You**  
Tell me more about the agent impacted by the ping test

**AI Assistant**  
The agents impacted by the ping test ("Test Network" network test) are the ones that returned no ping.

Username	Agent ID	Location	Device
		City of London	RWKST2 (QEMU Standard PC)

Add a rule or ask the AI Assistant a question

The AI Assistant may make mistakes. Confirm information by reviewing the source.

AI Assistant for Security, embedded in the Secure Access console. Uses Cisco's security-trained LLMs grounded in tenant data to reason over policy, events, and configuration.

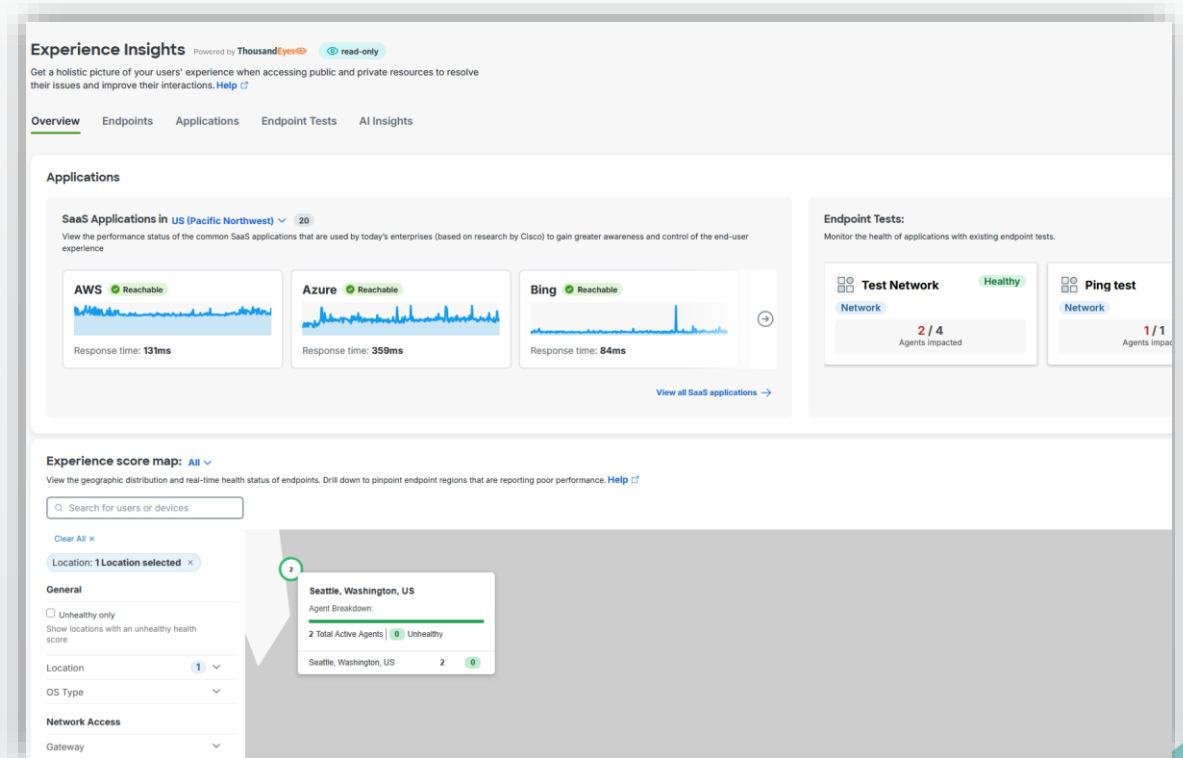
- **Policy authoring:** Generates draft access rules from natural-language intent.
- **Policy explanation:** Summarizes existing rules; flags shadowed, unused, or overlapping rules.
- **Event triage:** Explains block/allow decisions in plain language with the matched rule and signals.
- **Reporting:** Natural-language queries against Secure Access activity logs.
- **Privacy:** Tenant-scoped; customer data is not used to train foundation models.

# Cisco Secure Access Experience Insights

ThousandEyes-powered DEM embedded directly in the Secure Access dashboard — device, network, and SaaS visibility for ITOps without leaving the SSE console.

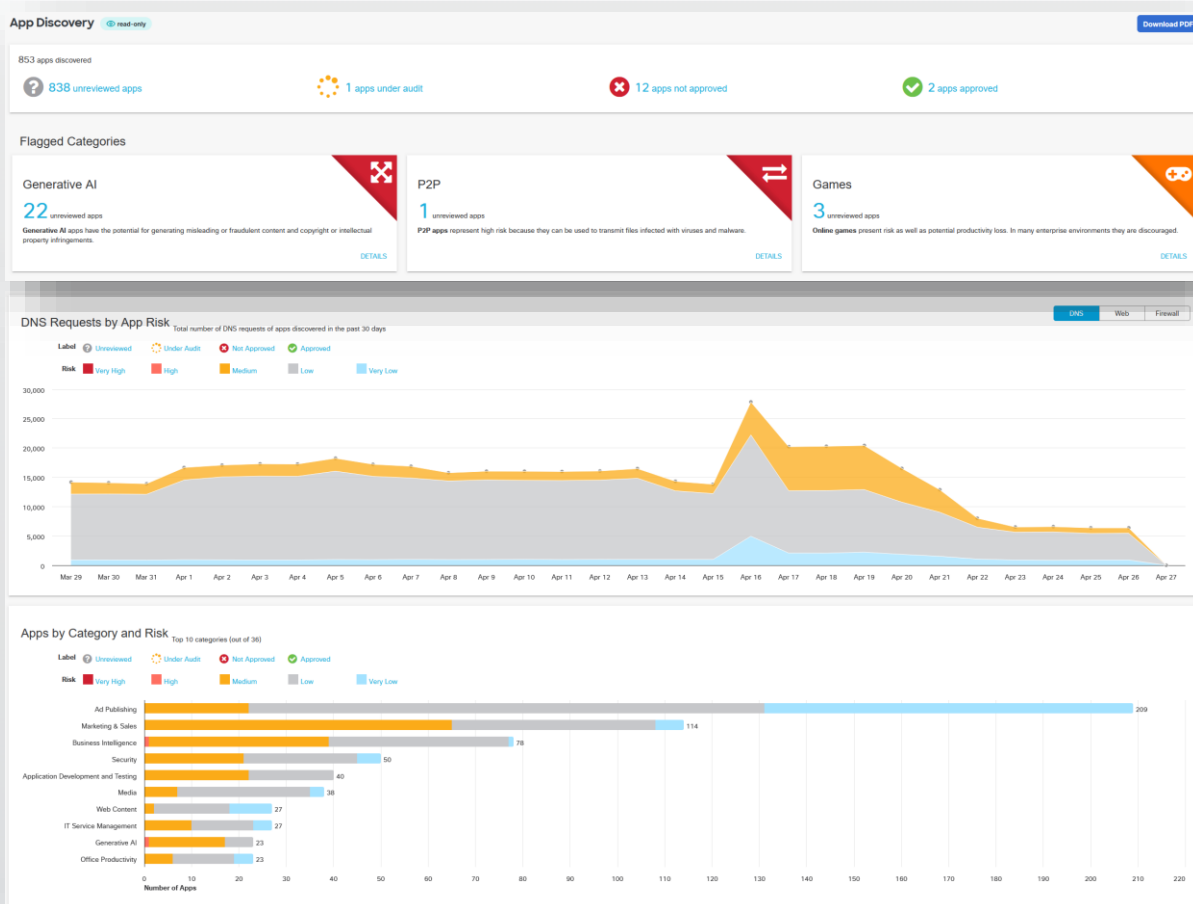
Digital-Experience Monitoring inside Secure Access. ThousandEyes endpoint agents on Cisco Secure Client measure the path from endpoint to SSE PoP to SaaS, surfacing where latency or loss is occurring.

- **Telemetry source:** ThousandEyes endpoint agents bundled with Cisco Secure Client.
- **Visibility:** Endpoint health, local Wi-Fi/LAN quality, hop-by-hop path to SSE PoP and to the application.
- **Apps monitored:** Microsoft 365, Google Workspace, Salesforce, Webex, and customer-defined SaaS targets.
- **Console:** Integrated in the Secure Access dashboard — shared with policy, users, and events.
- **Licensing:** Included with Secure Access — no separate ThousandEyes SKU required for the bundled agents.
- **Data retention:** 30 days of session and path metrics for trend analysis and root-cause review.



# Cisco Secure Access App Discovery

See every SaaS and GenAI app your users touch — ranked by risk, mapped to users, and one click away from a policy decision.



Continuous SaaS and GenAI app inventory derived from Secure Access traffic. Identifies, scores, and attributes cloud apps to the users and groups consuming them.

- **Catalog:** 70,000+ cloud apps with risk scores and category metadata.
- **Attribution:** Apps mapped to users, groups, and source networks from Secure Access logs.
- **Risk scoring:** Vendor reputation, data-handling, compliance certifications, hosting region.
- **Tagging:** Sanctioned, tolerated, or unsanctioned tags drive policy decisions.
- **Action:** One-click policy creation to allow, block, or warn from the discovery view.

# Cisco Secure Access Investigate

A live map of the internet built from Cisco's global DNS — pivot any domain, IP, or hash into context, attribution, and connected infrastructure.

Investigation console for Secure Access, drawing on Umbrella's global recursive DNS data and Cisco Talos threat intelligence. Supports indicator pivoting and historical lookup for domains, IPs, URLs, ASNs, and file hashes.

- **Data sources:** Umbrella DNS resolvers (600B+ daily requests), Talos threat feeds, BGP routing data.
- **Pivots:** Domain ↔ IP ↔ ASN ↔ WHOIS ↔ file hash ↔ co-occurrence ↔ passive DNS history.
- **Predictive intelligence:** Statistical and ML models score domains and IPs before they're weaponized.
- **API:** Investigate API for SOAR, XDR, and custom enrichment workflows.
- **Integration:** Results link directly to Secure Access policy actions and event records.

**Investigate**  
Predict, identify, and investigate the internet origin of attacks.

**Smart Search** Pattern Search

Use Investigate Smart Search to predict, identify, and investigate the internet origin of attacks. We leverage an extraordinary amount of data from our security network, and then apply big data storage, data mining, and machine learning to help you understand what is happening. For more information on Investigate, view [Investigate Smart Search](#).

paypa1.com **INVESTIGATE**

**paypa1.com** Malware Block List Talos Google VirusTotal  
Created on -

**100** **High Risk**  
The domain is classified as High Risk due to a combination of high security features. Risk indicators

**Security Categories** Malware Threat -  
**Content Categories** Finance Financial Institutions (Legacy) Dispute Categorization Threat Type -

<b>Recent IP</b>	3.33.139.32	<b>IP Country/Region</b>	US
<b>Prefix</b>	3.0.0.0/10	<b>ASN</b>	AS 16509
<b>Network Owner Description</b>	AMAZON-02 - Amazon.com, Inc., US 86400	<b>Registrant</b>	-

**Timeline**

**Queries** Unique Visitors

March 29, 2026 - April 28, 2026

Legend: DNS Queries (blue line), Domain Events (triangle), DNS Changes (circle)

Max. Queries: 293

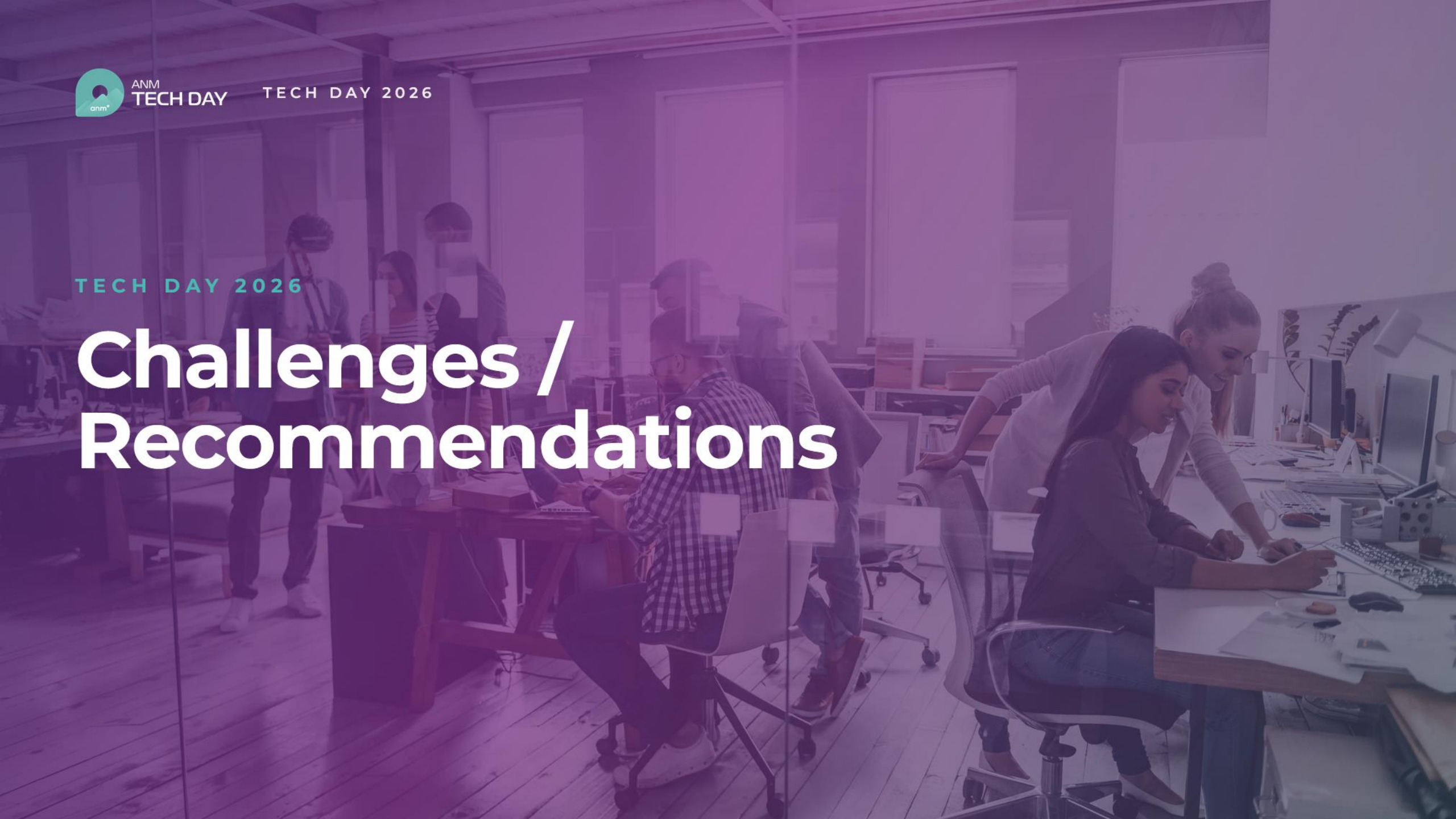


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# Challenges / Recommendations



# Challenges

*Real-world friction points worth knowing before you start*

- Cisco Secure Access is an evolving platform — new features are added incrementally; speed of rollout = temporary gaps in control
- SSL decryption is a must to get real value — selective decryption available but some traffic cannot be decrypted (pinned certs, certain finance/medical apps)
- Public IP provisioning — Included with SIA Advantage & SPA Advantage; requires manual request through Cisco (historically long wait times)
- Network infrastructure overhead — IPsec tunnels from on-prem (maintenance windows).



# Best Practice Recommendations

- The Firewall is not dead — Evaluate security strategy, refresh and resize.
- Lead with identity — Clean the IDP, kill stale groups; implement MFA
- Document App Requirements — critical step often skipped
- Don't just lift and shift, rethink policy and focus on business use cases
- Implement DEM Day One — Visibility is key to end user experience
- Crawl, Walk, Run – Start with DNS, Internet security → SSL/CASB/DLP → VPN Replacement/private apps.
- Take advantage of Security EAs — especially customers on multi-year agreements; price fluctuations are real!
- Lab it up first & Try Before You Buy — Cisco dCloud & POV



# How Can ANM Help?

*Vendor-independent guidance — we evaluate what's right for your environment, not just what's easiest to sell*

## Solution Deep Dive

Personalized review of features, licensing, and EA options with your ANM Solutions Architect. Build Roadmap & ZTA Workshops.

## SSE Solution Evaluation

Vendor-independent assessment of which SSE solution fits your environment, budget, and use cases — Cisco Secure Access, Palo Alto, Zscaler, Netskope, iboss

## POV Engagement Support

Bring ANM in during your POV to ensure pilot runs successfully.

## Professional Services

End-to-end planning, design, testing, implementation, validation, documentation, knowledge transfer, project management



## Key Takeaways

- SSE is not optional anymore. The question has become which vendor, when, and how?
- The end goal is Universal ZTNA. This requires a multi-layered approach (on-prem & cloud).
- Cisco newest to SSE the market, but the Cisco ecosystem provides native integrations that no other competitor can.
- Secure Access is a compelling and clear path forward for existing Umbrella Customer. Cisco focused environments should utilize EAs and Cisco Promotions to adopt SSE.





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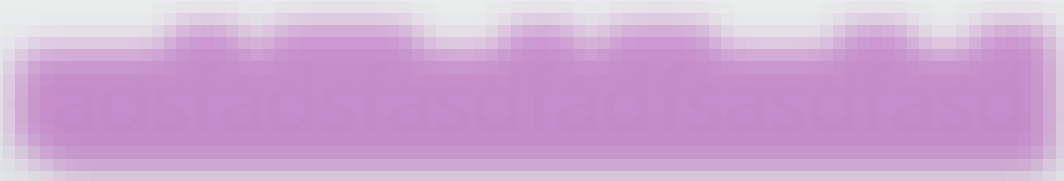
# Trivia Round



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## Question 1

What does the acronym SSE stand for?



## Question 1

What does the acronym SSE stand for?

Security Service Edge



## Question 2

What year was Cisco Secure Access released?



## Question 2

What year was Cisco Secure Access released?

2023



## Question 3

Who was the primary author for both Gartner foundational papers on SASE and SSE?



## Question 3

Who was the primary author for both Gartner foundational papers on SASE and SSE?

Neil MacDonald



## Question 4

Which organization is the primary provider of threat intelligence for Secure Access?



## Question 4

Which organization is the primary provider of threat intelligence for Secure Access?

Talos



## Question 5

How many PoPs does Cisco Secure Access have?



## Question 5

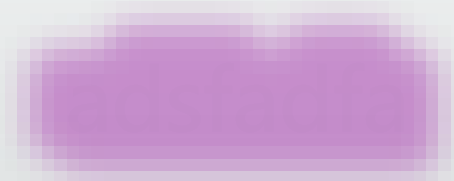
How many PoPs does Cisco Secure Access have?

50+



## Question 6

What was the mean time to data exfiltration after initial access according to Cisco Talos?



## Question 6

What was the mean time to data exfiltration after initial access according to Cisco Talos?

24 Hours



## Question 7

According to Cisco Talos, what was the percentage of cyber-attacks attributed to VPN vulnerabilities?



## Question 7

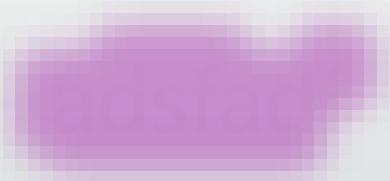
According to Cisco Talos, what was the percentage of cyber-attacks attributed to VPN vulnerabilities?

56%



## Question 8

How many applications can Cisco Secure Access App Discovery feature catalog?



## Question 8

How many applications can Cisco Secure Access App Discovery feature catalog?

70,000+



## Question 9

What is the Digital-Experience Monitoring (DEM) solution inside of Cisco Secure Access?



## Question 9

What is the Digital-Experience Monitoring (DEM) solution inside of Cisco Secure Access?

**ThousandEyes**



## Question 10

What is the AI-native cloud console that manages Cisco Secure Access?



## Question 10

What is the AI-native cloud console that manages Cisco Secure Access?

Security Cloud Control





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# References



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# References

Cited sources, analyst research, and vendor product pages

## GARTNER — ANALYST RESEARCH

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[The Future of Network Security Is in the Cloud \(SASE, 2019\)](#)

[2021 Strategic Roadmap for SASE Convergence \(SSE, 2021\)](#)

[Magic Quadrant for Security Service Edge \(2025\)](#)

[Magic Quadrant for SASE Platforms \(2025\)](#)

[Gartner Peer Insights — SSE Market Reviews](#)

[Peer Insights — Cisco Secure Access Reviews](#)

## CISCO — SECURE ACCESS PLATFORM & TALOS RESEARCH

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[Cisco Secure Access — Product Page](#)

[Cisco Secure Access Data Sheet](#)

[Secure Access At-a-Glance](#)

[Secure Access Ordering Guide](#)

[Cisco Secure Access Offer Description](#)

[Cisco Secure Access Help](#)

[Configuration Examples & TechNotes](#)

[Secure Access Regions & Export Compliance](#)

[Products Supported by Security Cloud Control](#)

[Security Cloud Control At-a-Glance](#)

[Security Cloud Control Data Sheet](#)

[Cisco AI Assistant for Security](#)

[Cisco Talos — 2024 Year in Review](#)

## COMPETITIVE VENDORS — PRODUCT PAGES

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### Zscaler — Zero Trust Exchange & ThreatLabz

[Zero Trust Exchange Platform](#)

[Zscaler in the Gartner SSE Magic Quadrant](#)

[ThreatLabz — VPN Risk Report 2024 / 2025](#)

### Palo Alto Networks — Prisma Access

[Prisma Access Product Page](#)

[Prisma Access Datasheet](#)

### Netskope — Netskope One SSE & Threat Labs

[Netskope One Security Service Edge](#)

[Netskope in the Gartner SSE Magic Quadrant](#)

[Netskope Threat Labs — Cloud & Threat Report](#)

### iboss — Zero Trust SASE / SSE

[iboss Zero Trust SASE Platform](#)

[iboss Zero Trust Overview](#)

### Additional Research

[Stanford / Tessian — Psychology of Human Error](#)





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