

Cisco Secure Access

Innovation in Zero Trust and Cloud Security



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Agenda

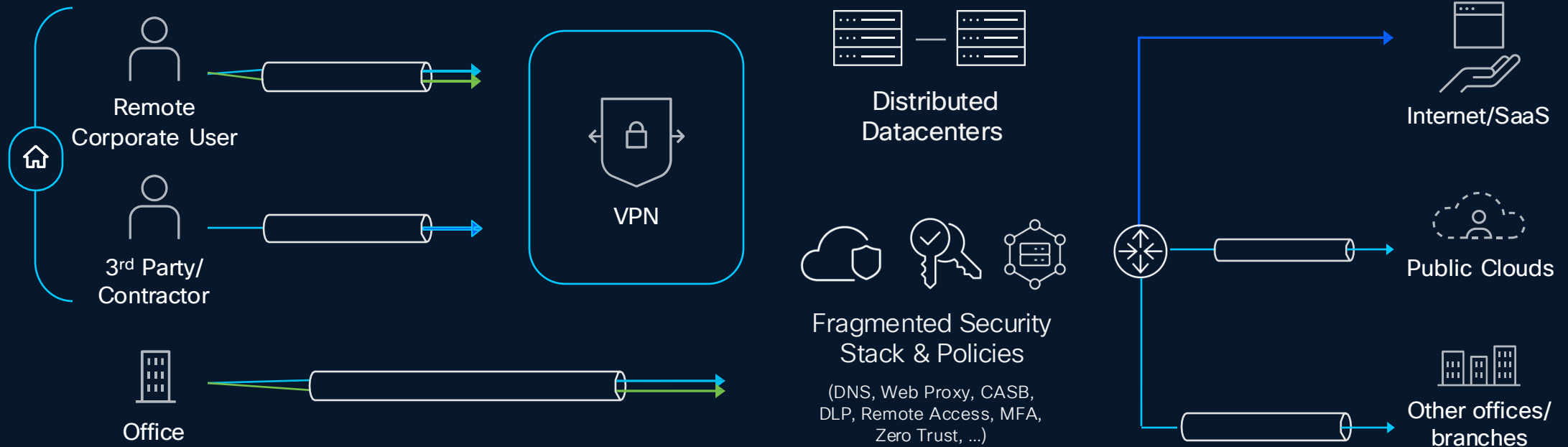
- ✓ Discuss How Zero Trust Network Access (ZTNA) Can Protect Your Network
- ✓ How Secure Access Protects Data from Generative AI
- ✓ How Secure Access Improves the End-User Experience
- ✓ How Experience Insights Can Provide Critical Insight into Your Endpoints
- ✓ Speak with a Customer About Their Experience with Secure Access

How Does Using ZTNA Protect Your Network?

Modern Security Challenge

Legacy architecture was never designed for hybrid work

↔ Internet Traffic
↔ Private Traffic
🔒 Secure Tunnel



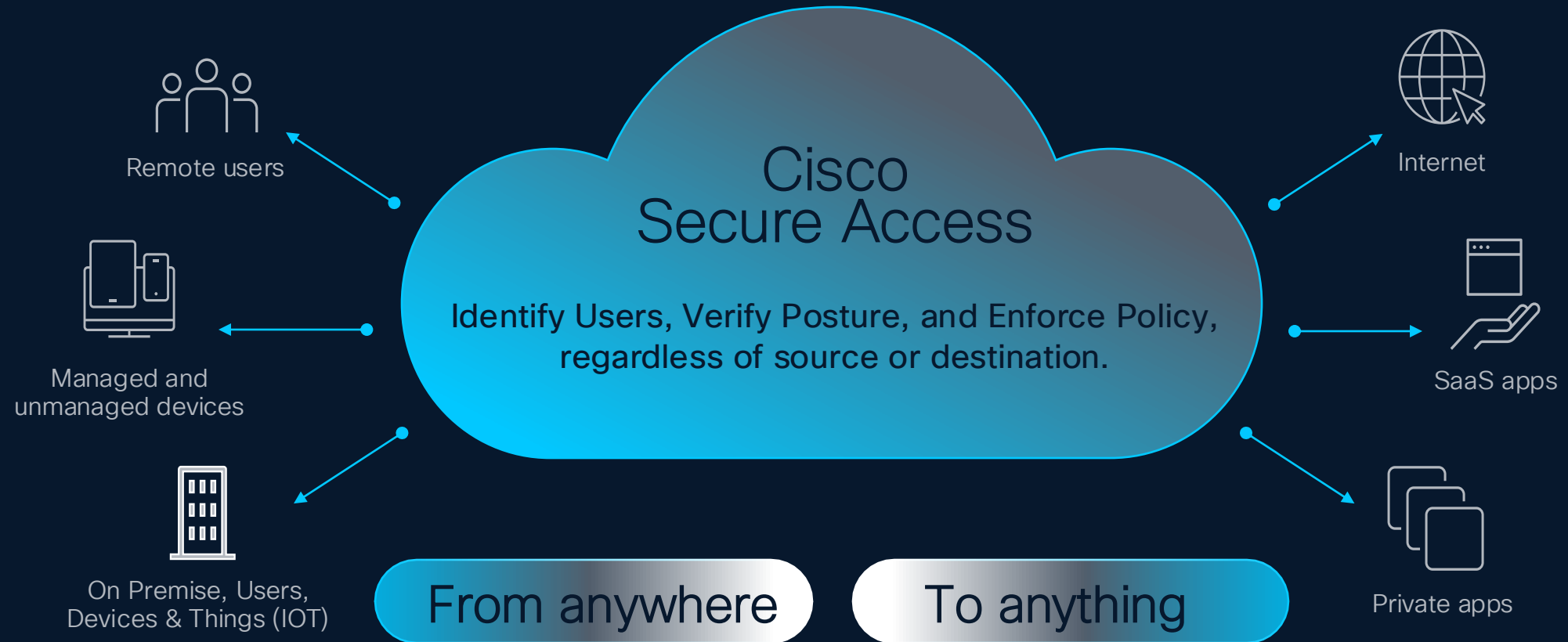
Poor user experience
Lower productivity

Large sets of individual solutions and vendors
Complexity of operations and costs

Gaps in security posture born out of
complexity and fragmentation

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Modernize your defense with converged cloud security grounded in Zero Trust



Universal Approach to ZTNA

End user devices come in many forms



Remote
Managed

- Assets under your control
 - Agent Installed
 - Full Visibility
 - Maximum visibility with detailed information



Remote
Unmanaged

- BYOD and Third-Party Devices
 - Authentication and posturing via a clientless method for maximum compatibility
 - HTTP(s), RDP, SSH Application access

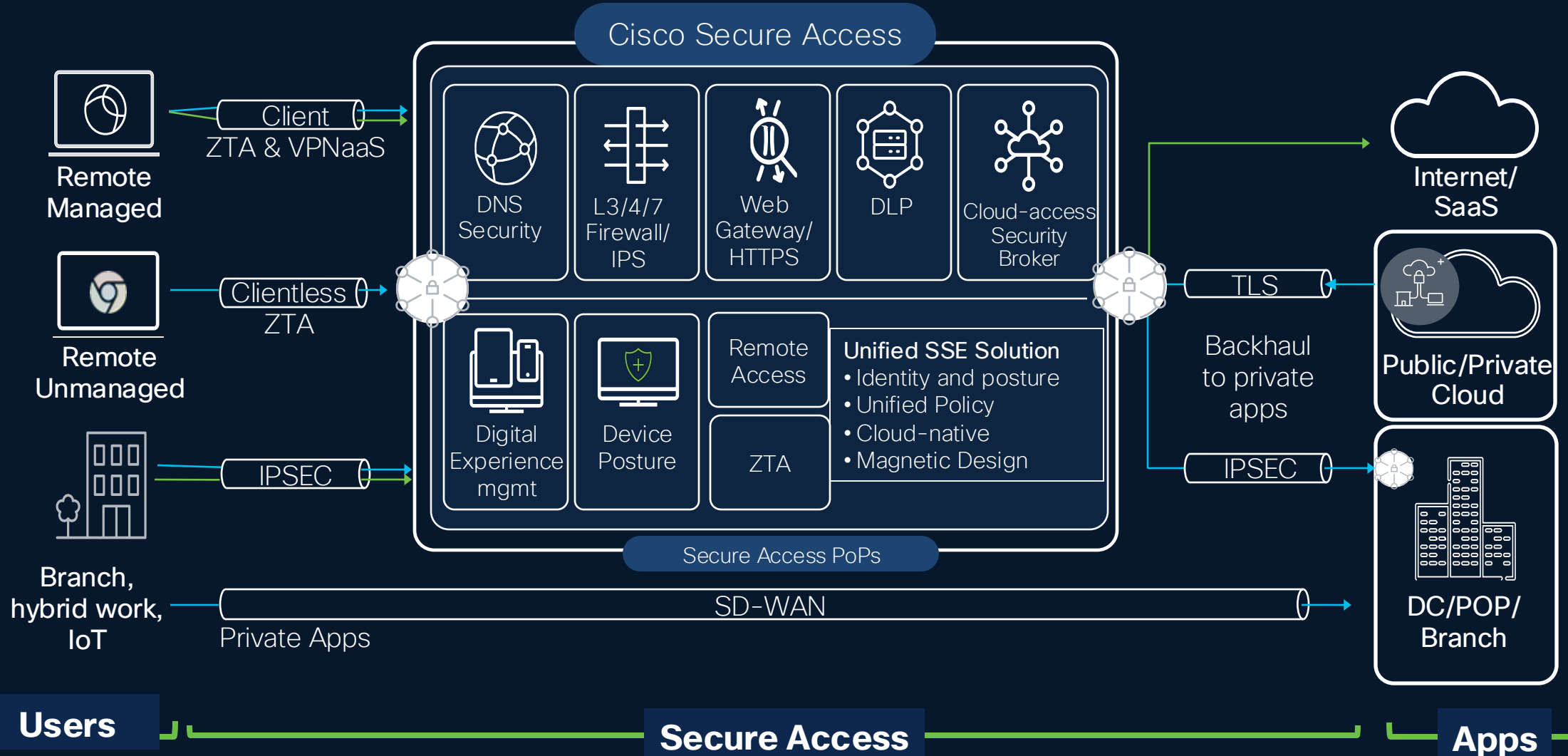


Branch,
hybrid work,
IoT

- Mix of managed and unmanaged devices, with and without agent software
- Transport handled via IPSec tunnels to Secure Access cloud environment

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Capabilities view



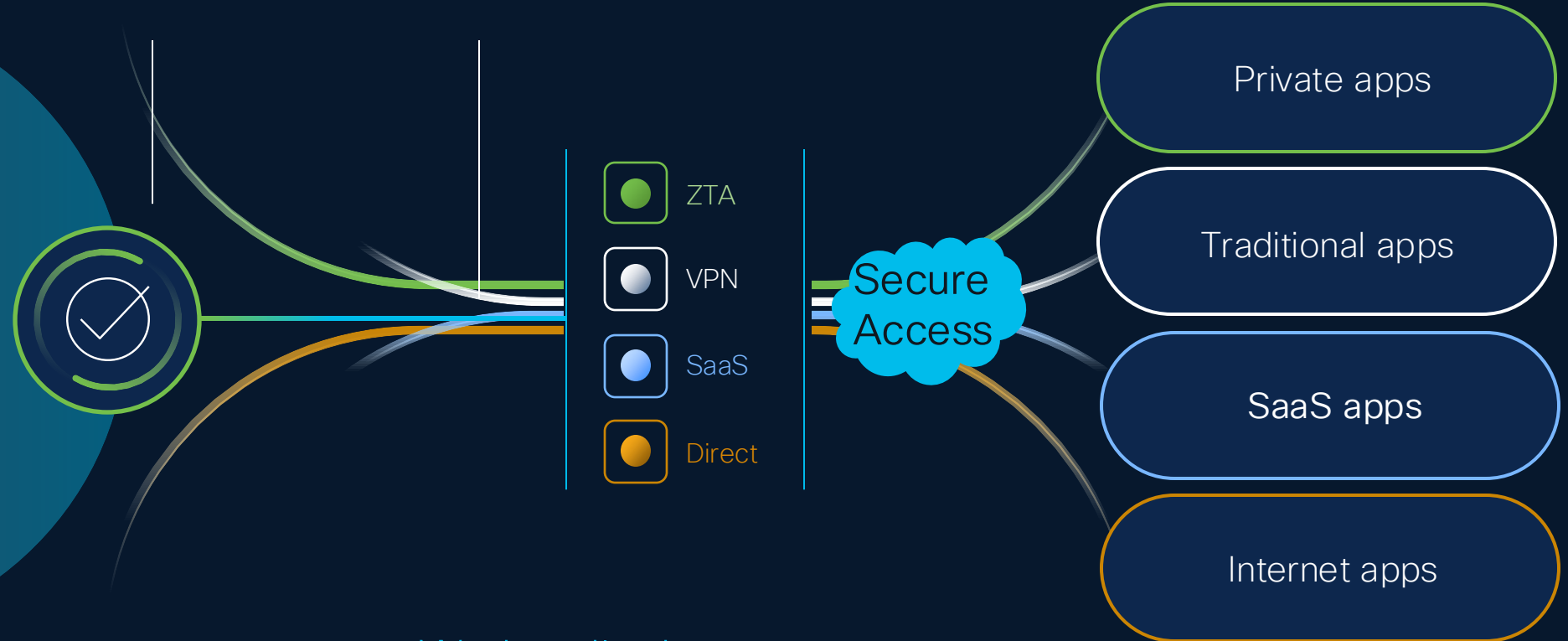
Streamlined Connectivity and Consistent Policy

STEP 1

Log In

STEP 2

Securely start work



We handle the
connectivity, access
control and security

Protecting Your Data from Gen AI using Secure Access

Improving Infrastructure Readiness: Challenges Ahead

Lack of talent with right skills to build, scale, and maintain the required IT infrastructure

43%

Concerns over cybersecurity risks posed by AI workloads

41%

Long lead times to procure required technology / solutions

34%

Source: Cisco 2024 AI Readiness Index (November 2024)

AI Access sees and controls AI

Superior visibility & control

- Discover Shadow AI; define acceptable use
- Granular control
 - Sensitive documents
 - Source code
- Machine learning finds unstructured data
 - Patent applications
 - M&A
 - Financial statements and more

AI App Discovery			Secure Access
Leverage Secure Access to identify 3rd party generative AI applications, their usage, risk score and protection status. Learn more			
Risk	First detected date	48 results	
Application name	Risk score		First detected
AI Assistant New	High		Dec 29, 2024
Code Copilot New	High		Dec 14, 2024
HelperAI	High		Nov 22, 2024
AI Creator	High		Nov 21, 2024
GrammarAI	Medium		Nov 13, 2024
WriterBot	High		Oct 30, 2024

1200+
AI Apps Protected

100%
Guardrails for top AI Apps

1
Unified Security Framework

AI Access understands intent

Advanced guardrails

- Mitigates prompt injections, toxic content
- Aligns with Mitre Atlas
- Compensating control for insecure LLMs

287 Total Events

Viewing activity from Jan 8, 2025 at 6:59 PM to Feb 7, 2025 at 6:59 PM

Event Type	Severity	Identity	Direction	Destination	Rule	Action	Detected
AI Guardrails	High	Bob SWG (bob@swginawsd...)	Prompt	Deepseek	AI Guardrails - 1	Blocked	Feb 5, 2025 at 1:15 AM
AI Guardrails	Critical	Bob SWG (bob@swginawsd...)	Prompt	Deepseek	AI Guardrails - 1	Blocked	Feb 5, 2025 at 1:15 AM
AI Guardrails	Critical	Bob SWG (bob@swginawsd...)	Prompt	Deepseek	AI Guardrails - 1	Blocked	Feb 5, 2025 at 1:14 AM
AI Guardrails	High	Bob SWG (bob@swginawsd...)	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 5, 2025 at 1:14 AM
AI Guardrails	High	Bob SWG (bob@swginawsd...)	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 5, 2025 at 1:05 AM
AI Guardrails	High	Bob SWG (bob@swginawsd...)	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 5, 2025 at 12:57 AM
AI Guardrails	High	Bob SWG (bob@swginawsd...)	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 5, 2025 at 12:48 AM
AI Guardrails	High	52.12.127.197	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 5, 2025
AI Guardrails	High	52.12.127.197	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 5, 2025
Real Time	Low	52.12.127.197	Upload	Datadog	New Rule	Monitored	Feb 5, 2025
Real Time	Low	52.12.127.197	Upload	Datadog	New Rule	Monitored	Feb 5, 2025
Real Time	Critical	52.12.127.197	Upload	Mozilla Firefox	Raja_test_rule	Blocked	Feb 5, 2025
AI Guardrails	High	52.12.127.197	Prompt	OpenAI ChatGPT	AI monitor	Monitored	Feb 4, 2025

File Name

Form

Identity

Bob SWG (bob@swginawsd...)

Application

Deepseek

Application Category

Generative AI

Dest

http

Copy

Classification

Safety guardrail

1 Match

Toxicity

how to make a bomb

Classification

Safety guardrail

1 Match

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.

1200+
AI Apps Protected

100%
Guardrails for top AI Apps

1
Unified Security Framework

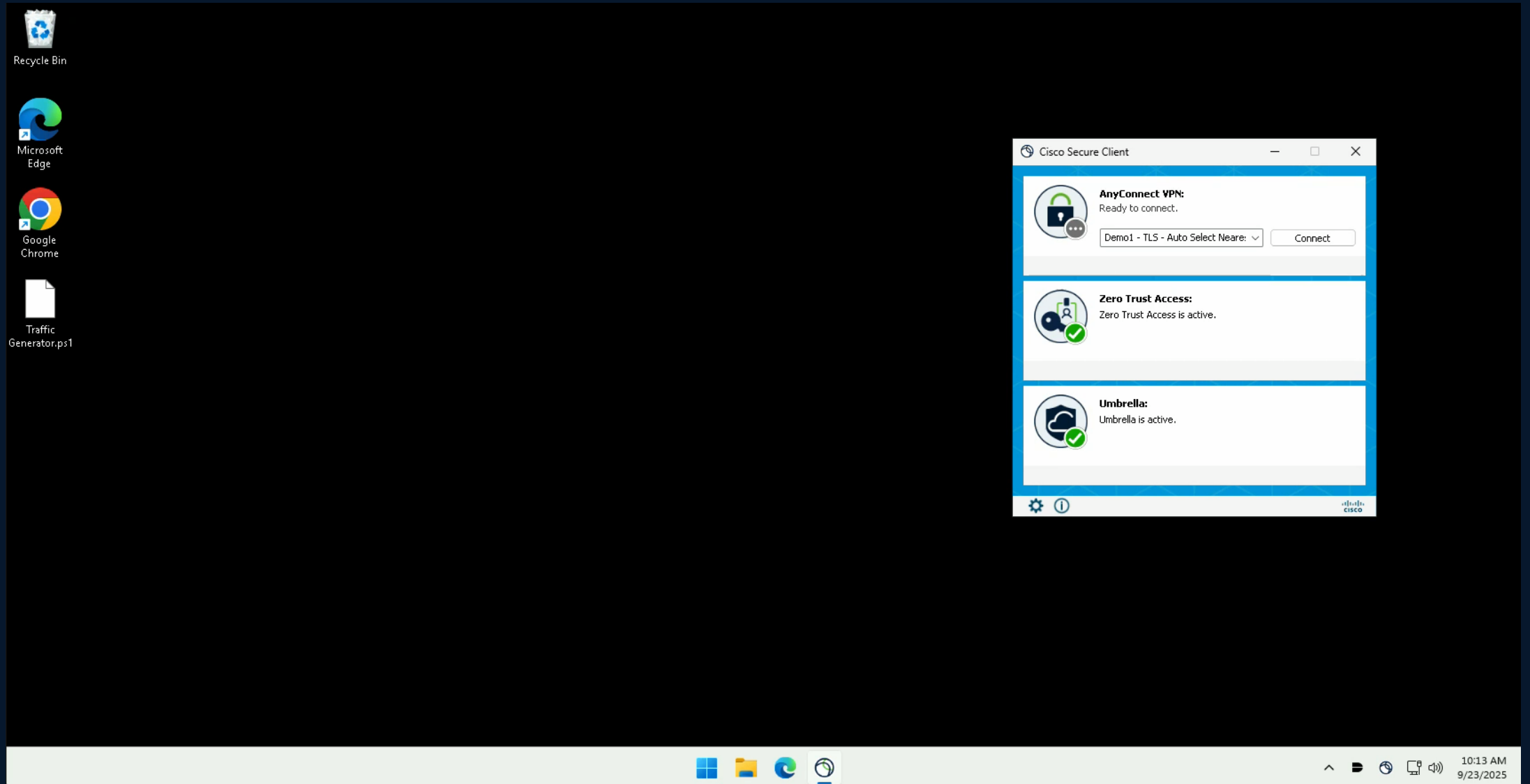


End User Experience Demos

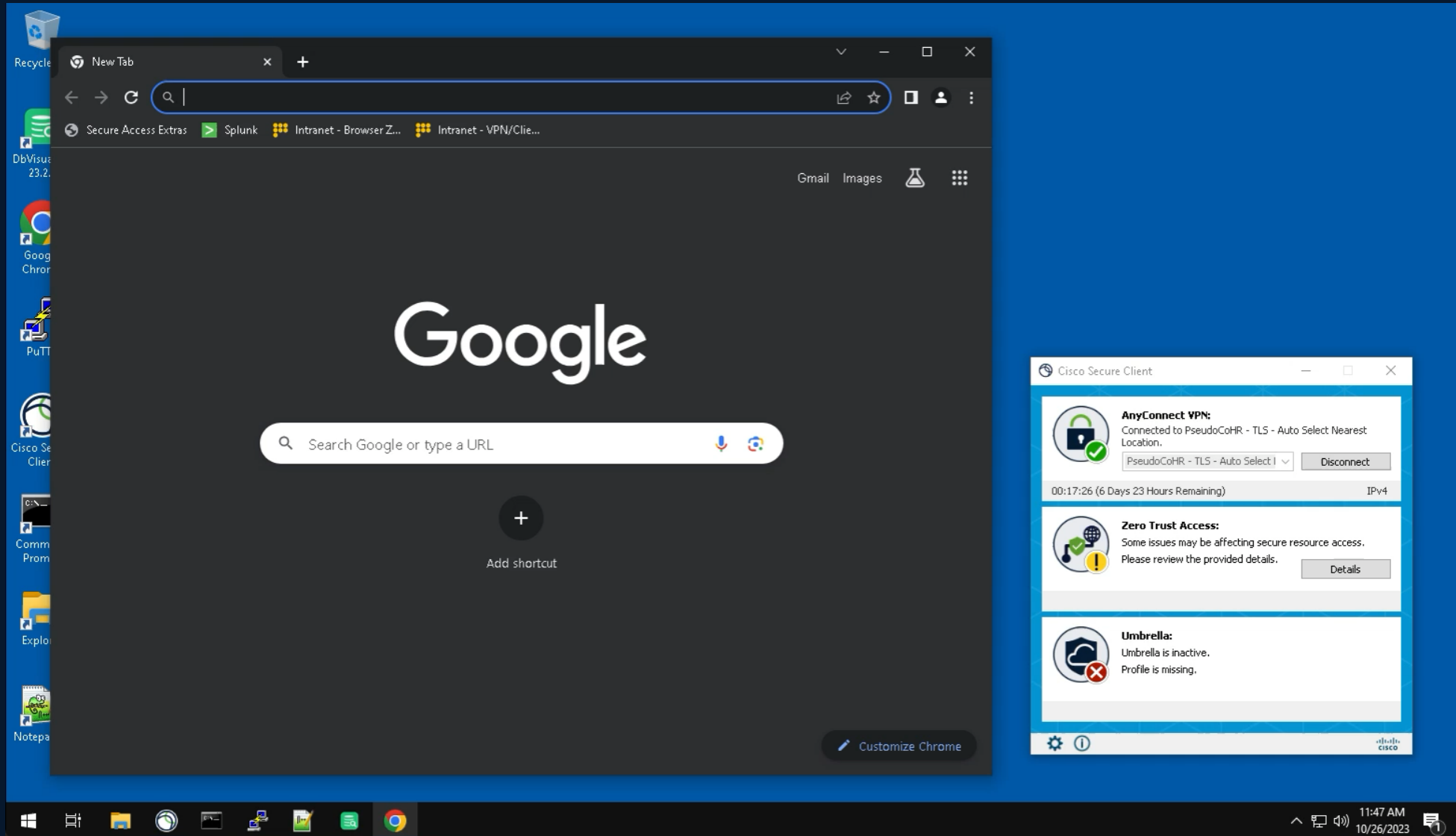
Initial User Enrollment



End User Experience (Internet and Private Resources)

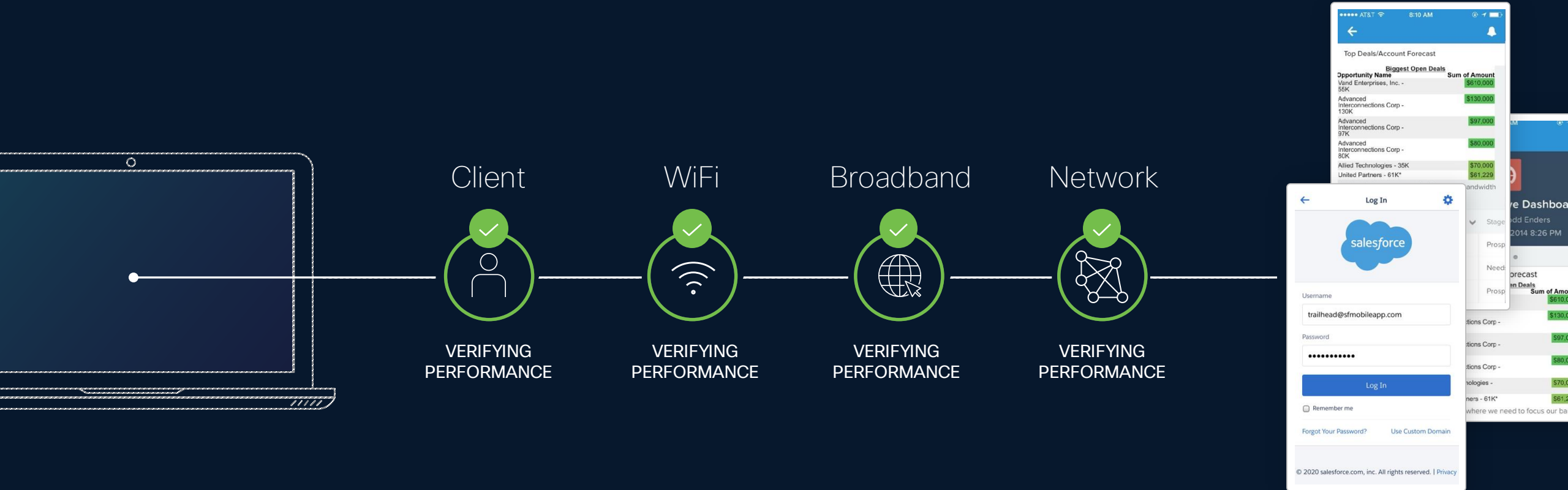


ZTNA – Self Remediation



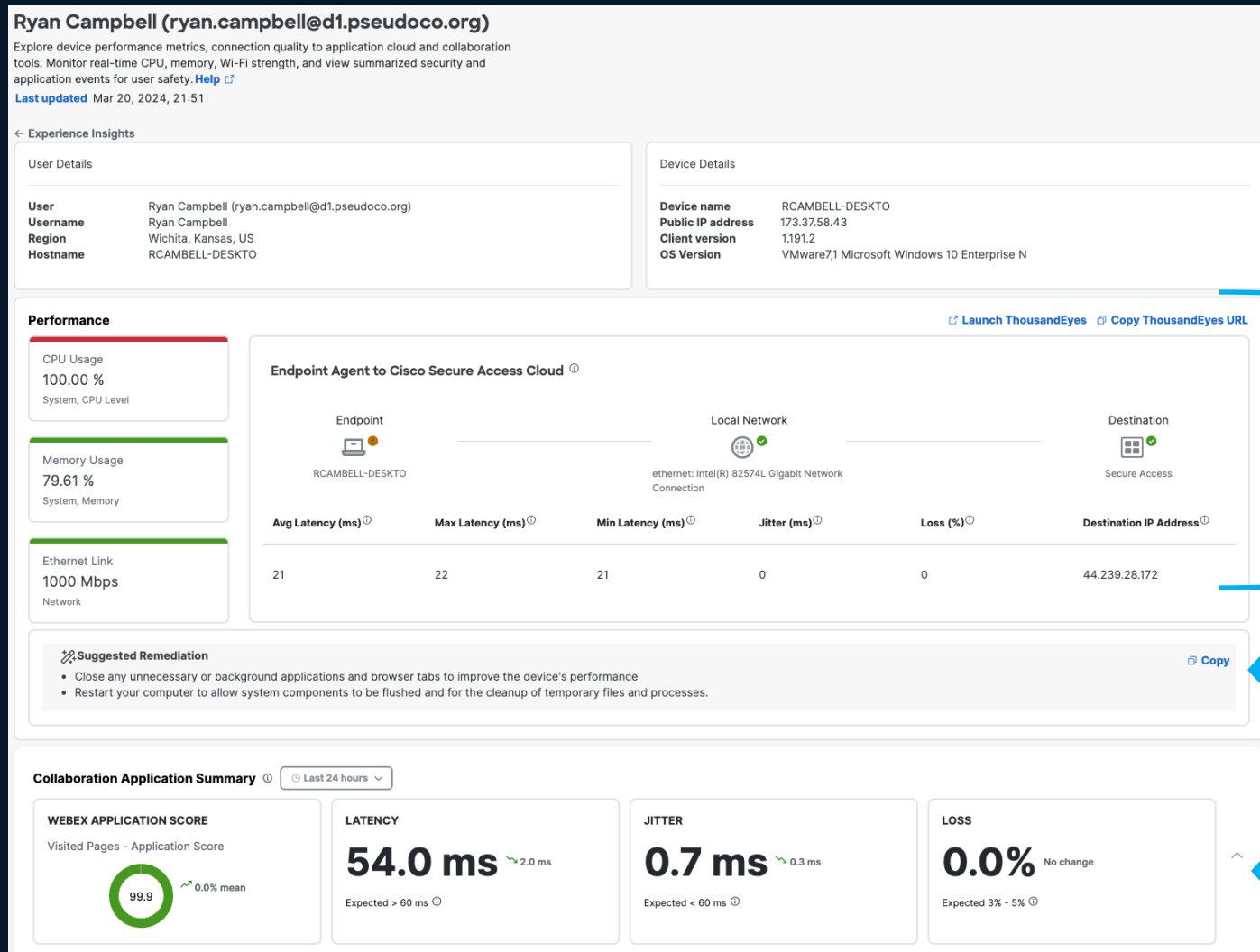
**Experience Insights Powered
by Thousand Eyes**

End-to-end visibility with Digital Experience Monitoring



Historical performance and recommendations

Proactive Monitoring of Workforce Performance



Security Cloud Control

Cisco Security Cloud Control

Empower your security teams by expanding firewall capabilities to the cloud



Simplify operations

Centralize visibility and management of devices and policies

Enhance security

Leverage AI to strengthen protection and prevent downtime

Improve productivity

Minimize dependence on tribal knowledge and manual work

Gain end-to-end visibility from a single screen



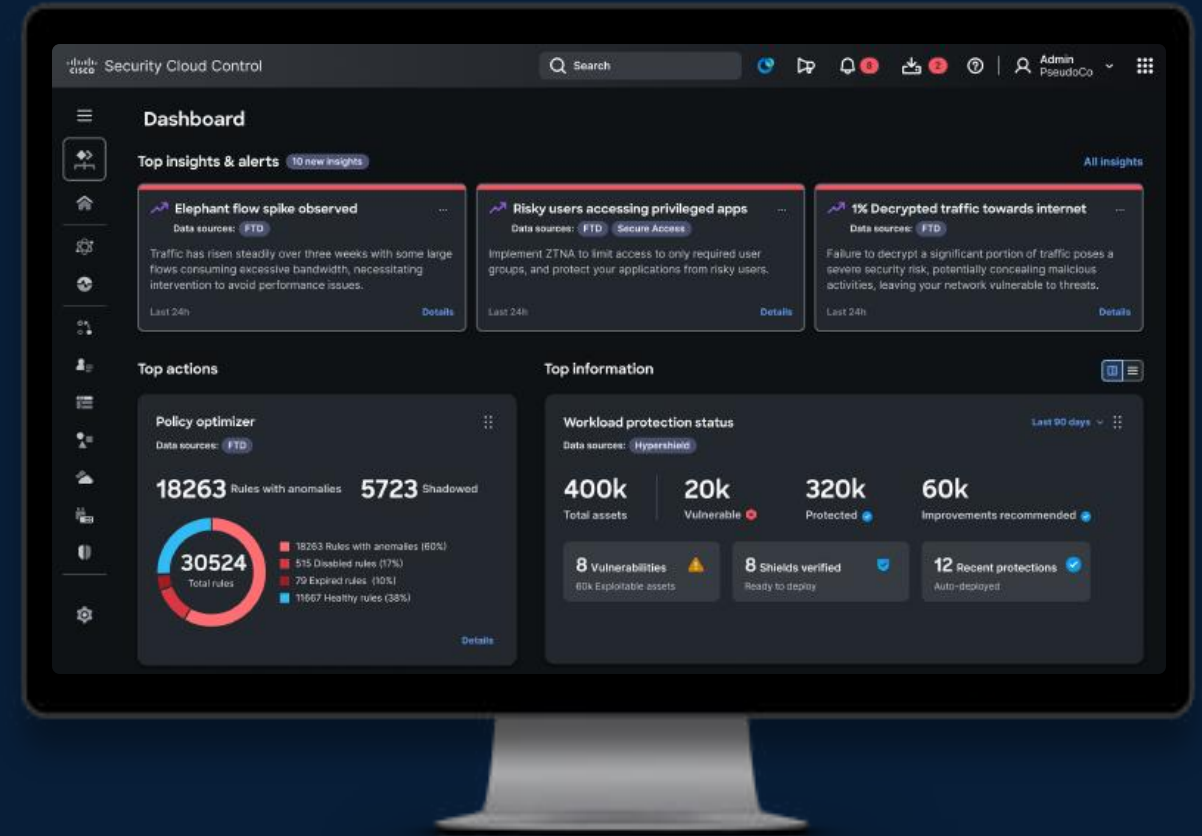
Access comprehensive insights
across all firewall and security deployments



Enable prompt issue resolution
through a live view of network traffic and security events



Empower informed decisions
with operational insights from network data



Unified security management

Security Cloud Control

Common experience | Central provisioning and RBAC | Cisco AI Assistant

Secure
Firewall
ASA

Secure
Firewall
Threat
Defense

Multicloud
Defense

Hypershield

Secure
Access

Secure
Workload

AI Defense

