CISCO Connect

From Reactive to Autonomous

Reinventing Assurance with AgenticOps

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Solutions Engineering Leader, ThousandEyes



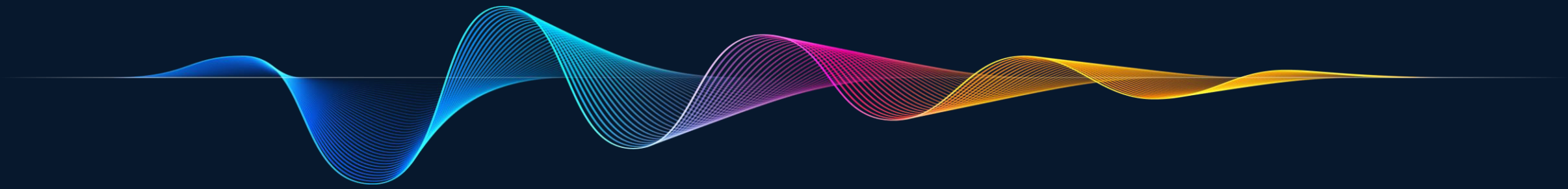
Cisco Connect Boston | September 2026

The world:

AI speed

Operations:

Speed of tickets



71%

of enterprises have deployed agentic AI

34%

average network traffic increase over the past 12 months due to AI

46%

of network alerts closed without investigation due to constraints and noise

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New network demands

Changing traffic patterns

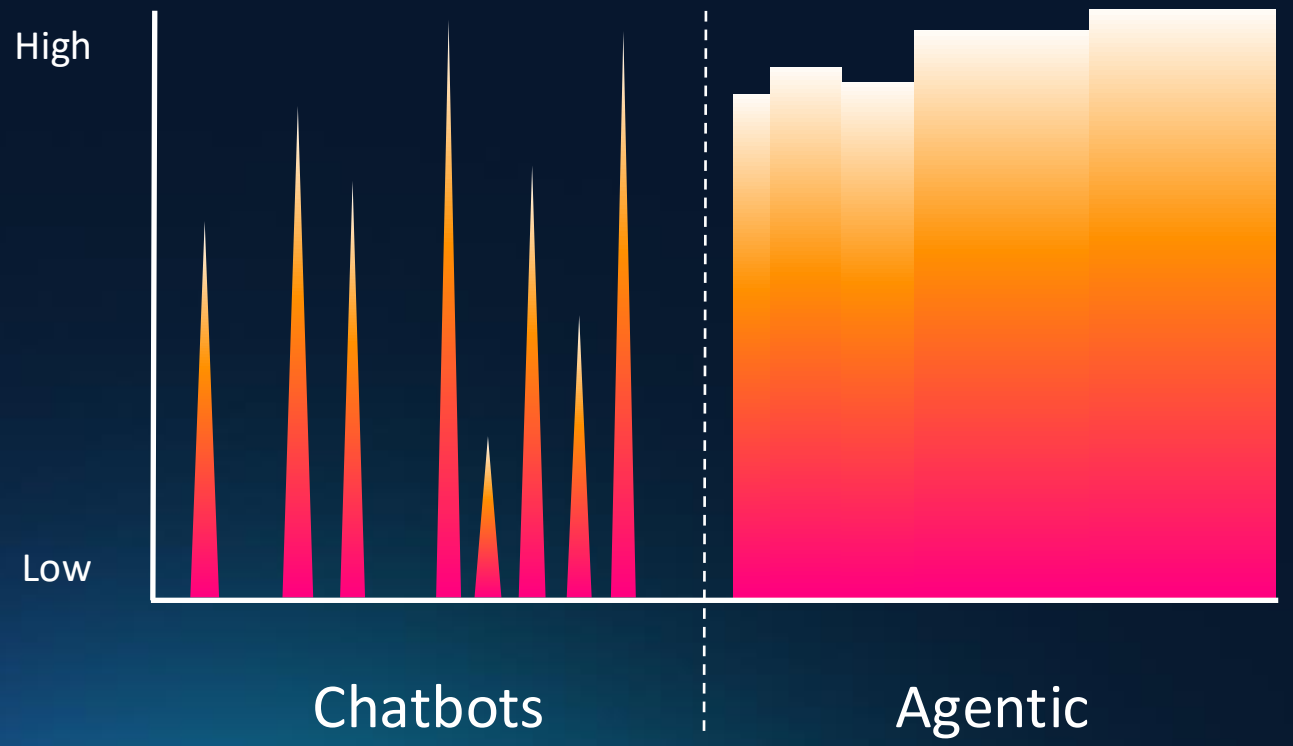
Increasing east-west activity

Agentic execution

Beyond DC, across environments

AI-driven threats

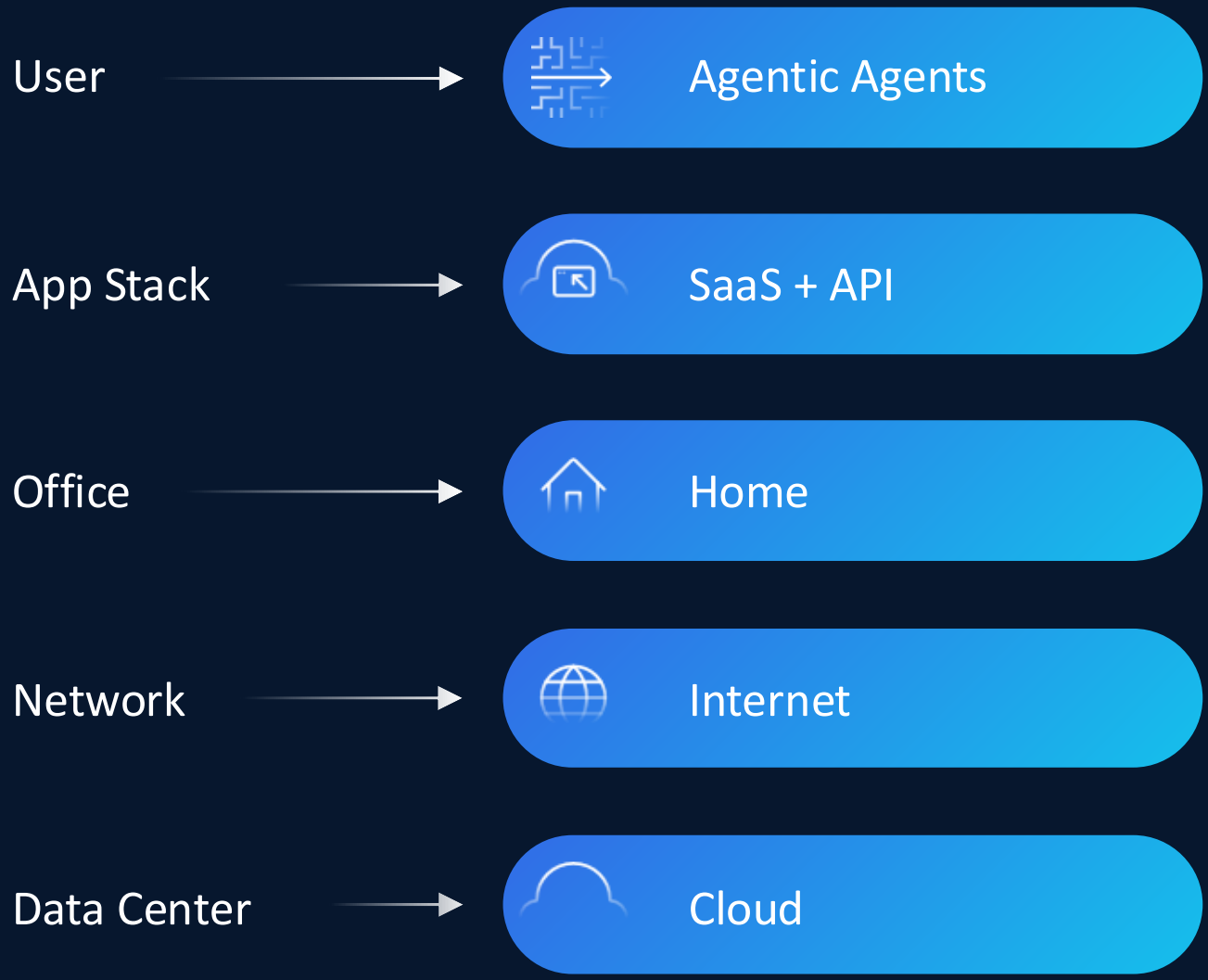
Rapidly evolving security needs



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Visibility and control is shrinking

External dependencies are growing



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Your world changed dramatically

More networks, more infrastructure, and more user environments– much of it unowned, but still your responsibility.

And traditional operations — siloed, manual, reactive — won't keep up.



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From reactive to proactive starts with intelligence



Baseline and detect

Monitor end-to-end digital experience from critical vantage points



Localize and diagnose

Visualize, localize, and diagnose across every network segment



Mitigate and remediate

Closed-loop actions across digital domains and teams



Predict and optimize

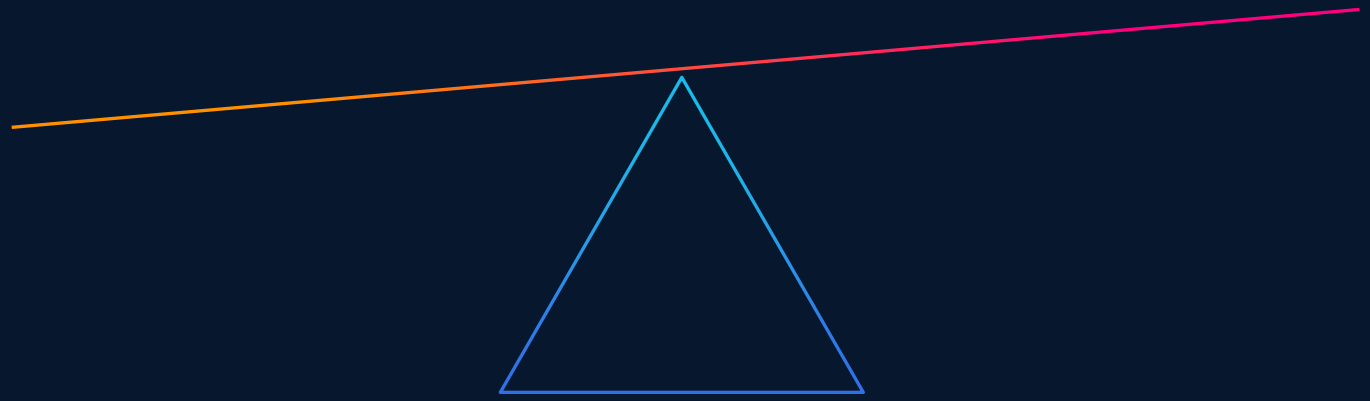
Forecast disruptions, optimize path, and plan connectivity and migrations

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The NetOps dilemma

Reduce AI to human speed → obsolete

Let AI run unchecked → dangerous



Cisco POV:
Assurance lets AI act fast and stay trusted.

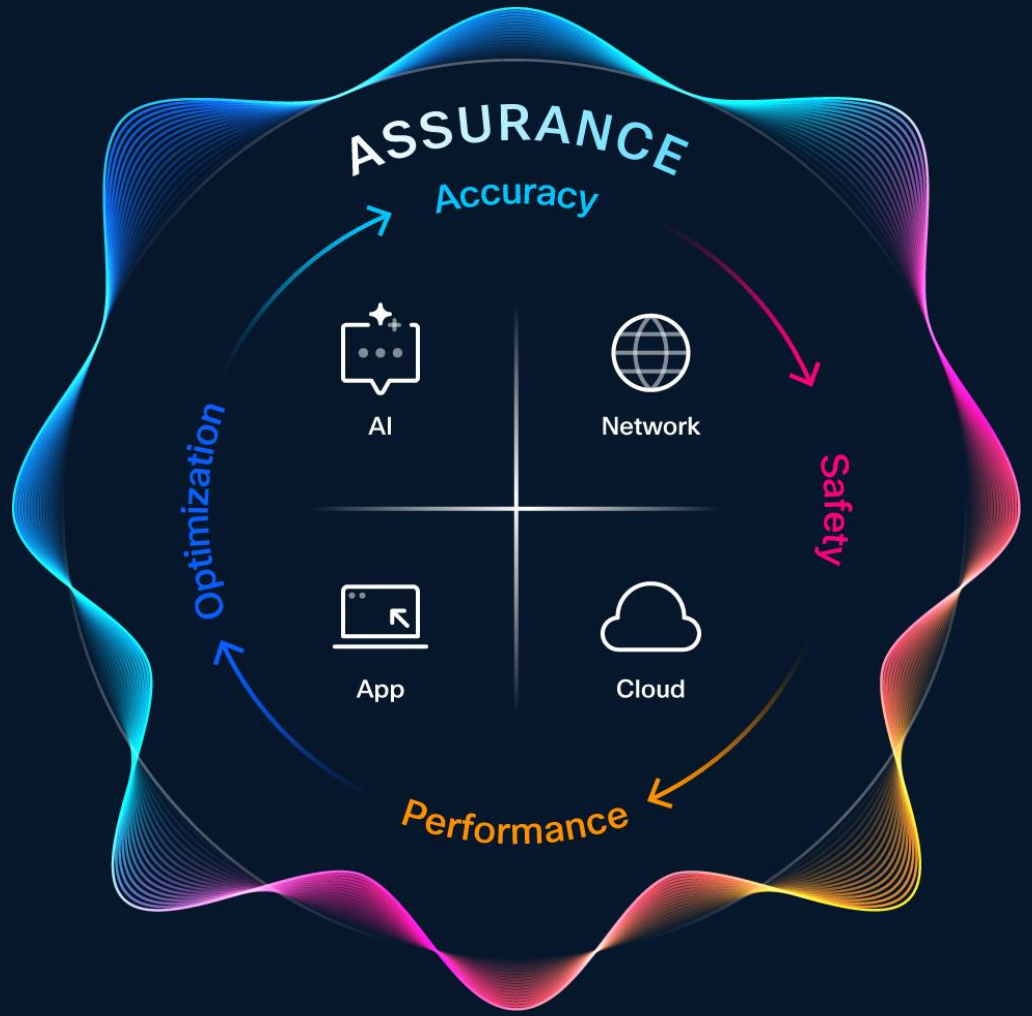
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The missing ingredient:

AI-powered Assurance

Transforming AI from **risky to reliable by:**

- Validate human and AI actions in real time.
- Align machine decisions to business priorities.
- Optimize performance across networks, apps, agents, and clouds.
- Ensure AI delivers safe, predictable outcomes.



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Cisco Assurance Platform

Experience & Service Assurance



Digital experience

End user | Mobile
IIoT | Agents



Proactive monitoring

Web | Network
BGP | DNS



Global visibility

On-Prem | Cisco
3rd party



Domain insights

Traffic | WAN
Internet | Cloud

AI-powered platform

Automation | Integrations | APIs



Path visualization



Cross-layer correlation



Anomaly detection & alerting



Event summarization



Predictive recommendations



Natural language query

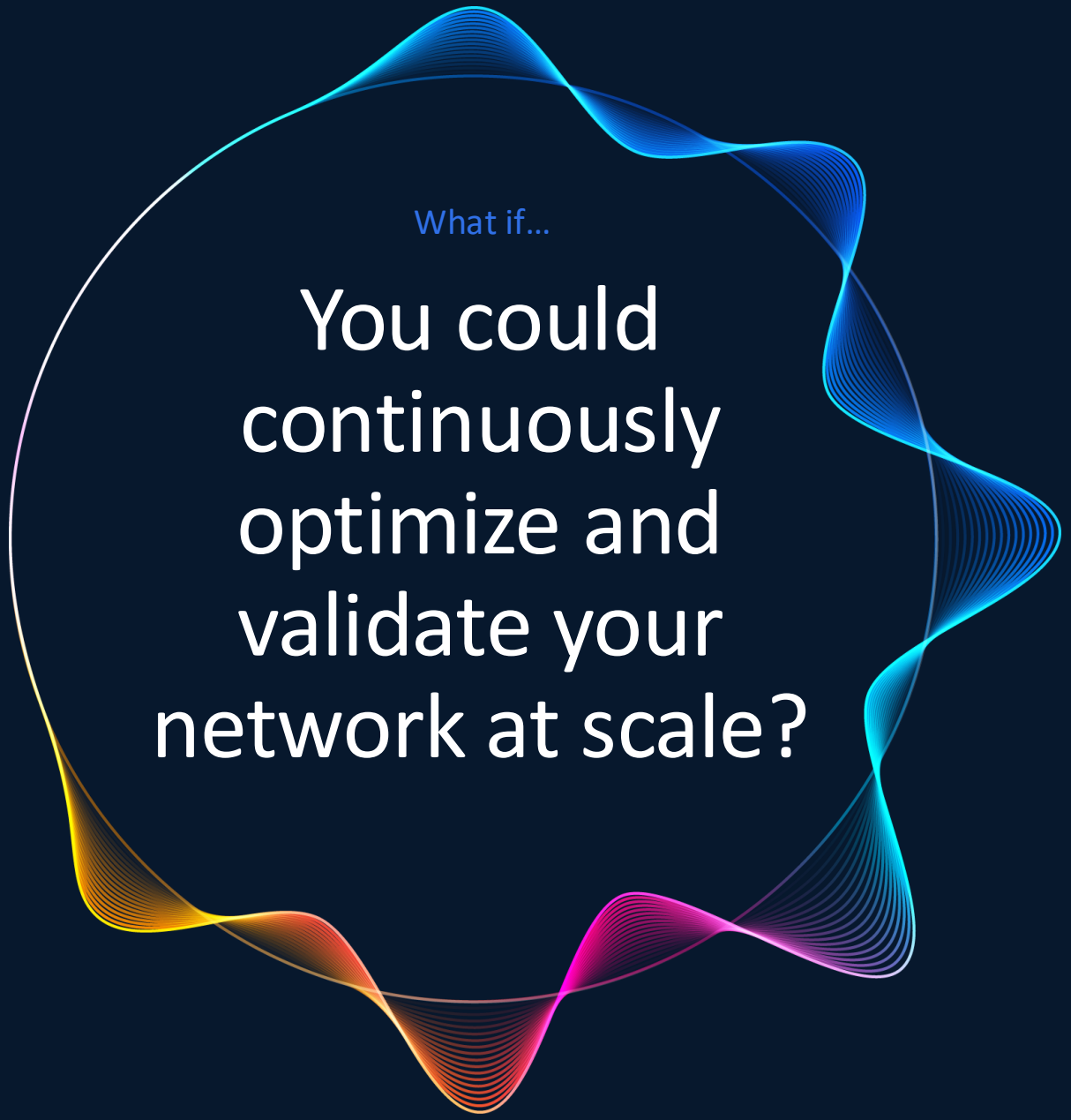
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Trust woven into every action:

AI-powered Assurance



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What if…

You could continuously optimize and validate your network at scale?

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Seamlessly integrated across Cisco

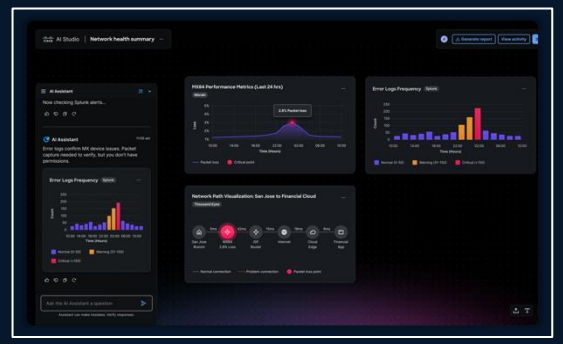
Simple Deployment, At Scale | ThousandEyes Data within Cisco Dashboards



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Continuous assurance built into the network

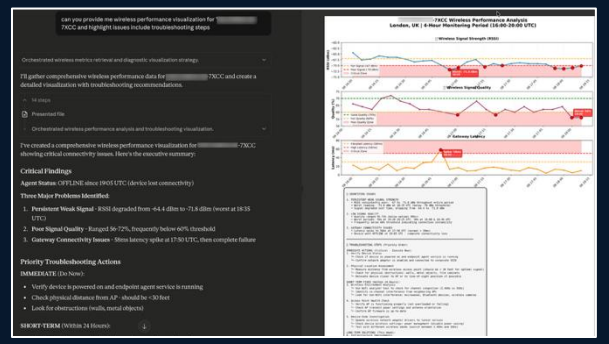
Cloud Control Integration



One canvas to see and solve everything

AVAILABLE | NOW

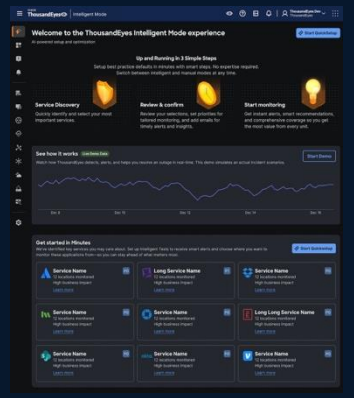
ThousandEyes MCP Server



Standardized AI access to all telemetry - secure, structured, real time

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End-to-End Synthetics



Test continuously, detect earlier, fix faster

AVAILABLE | NOW

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Demo

Agentic Operations in Action

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CISCO Connect

Thank you




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