

The Probabilistic Age: What comes after classical computing

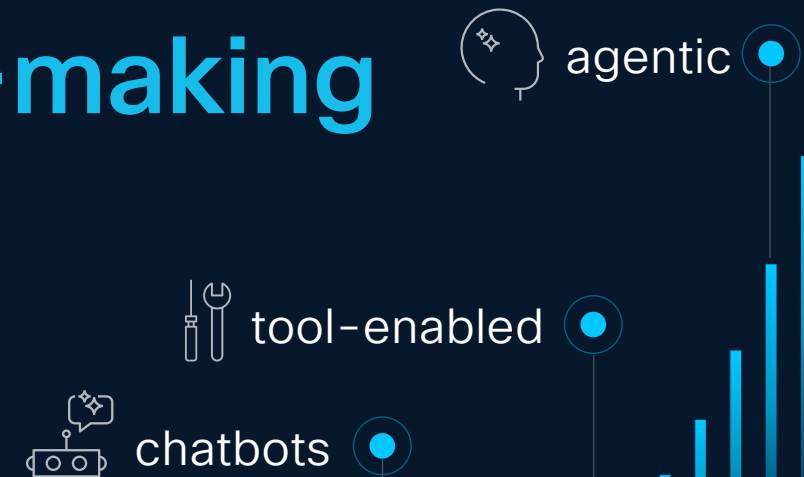
David Siroky

Director, APJC AI Team



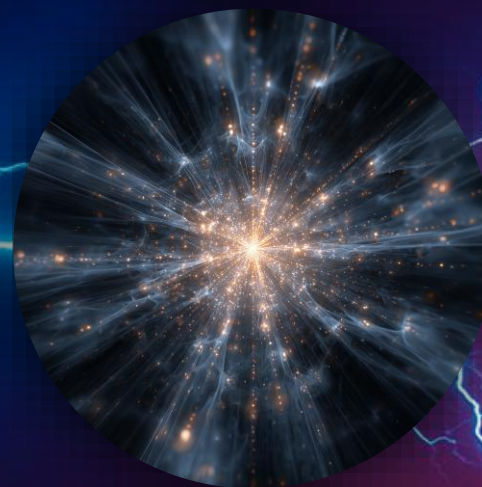
AI is evolving at a rapid pace.

from static knowledge
to real-time knowledge
to autonomous decision-making



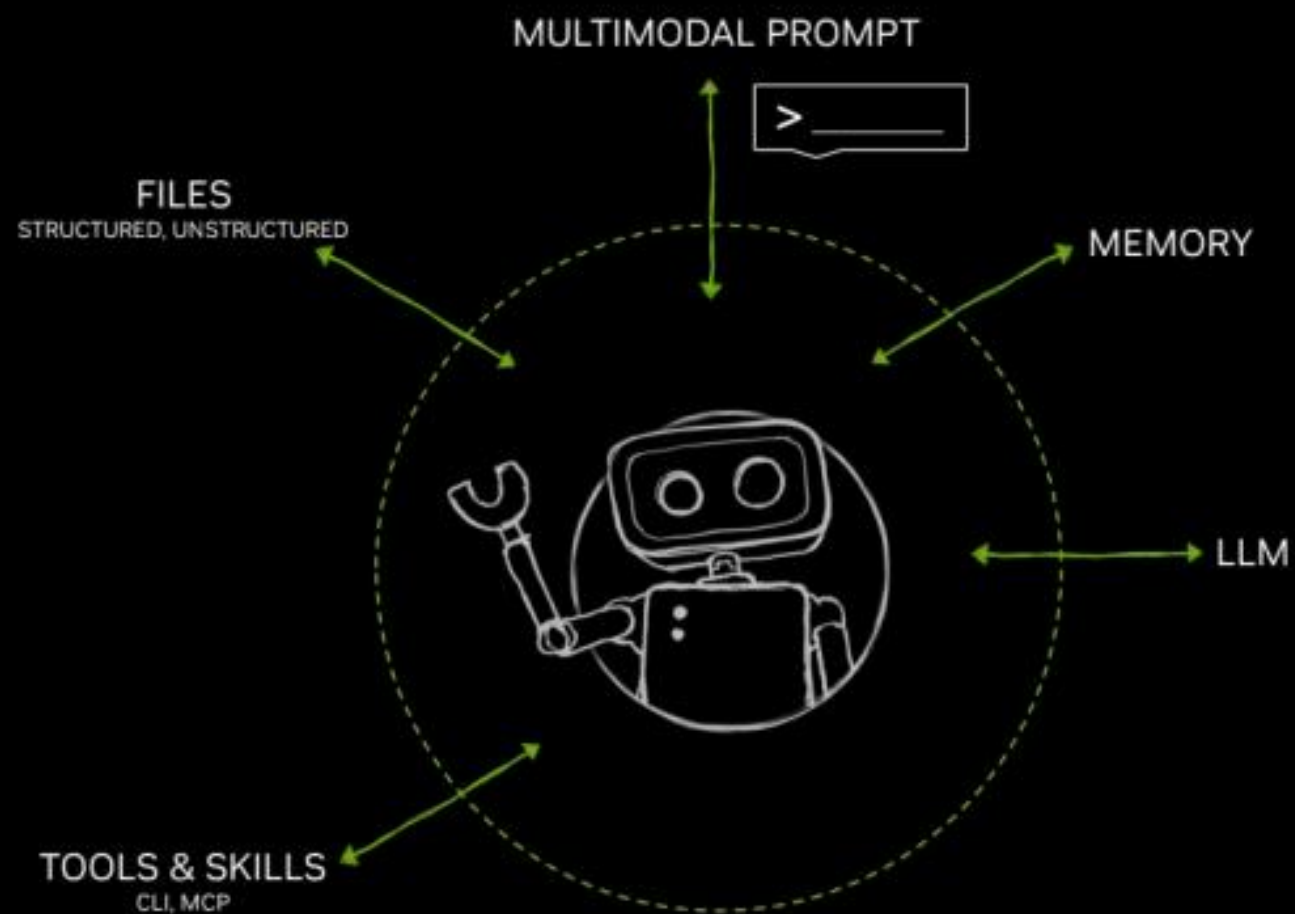


Chatbots
Productivity tools

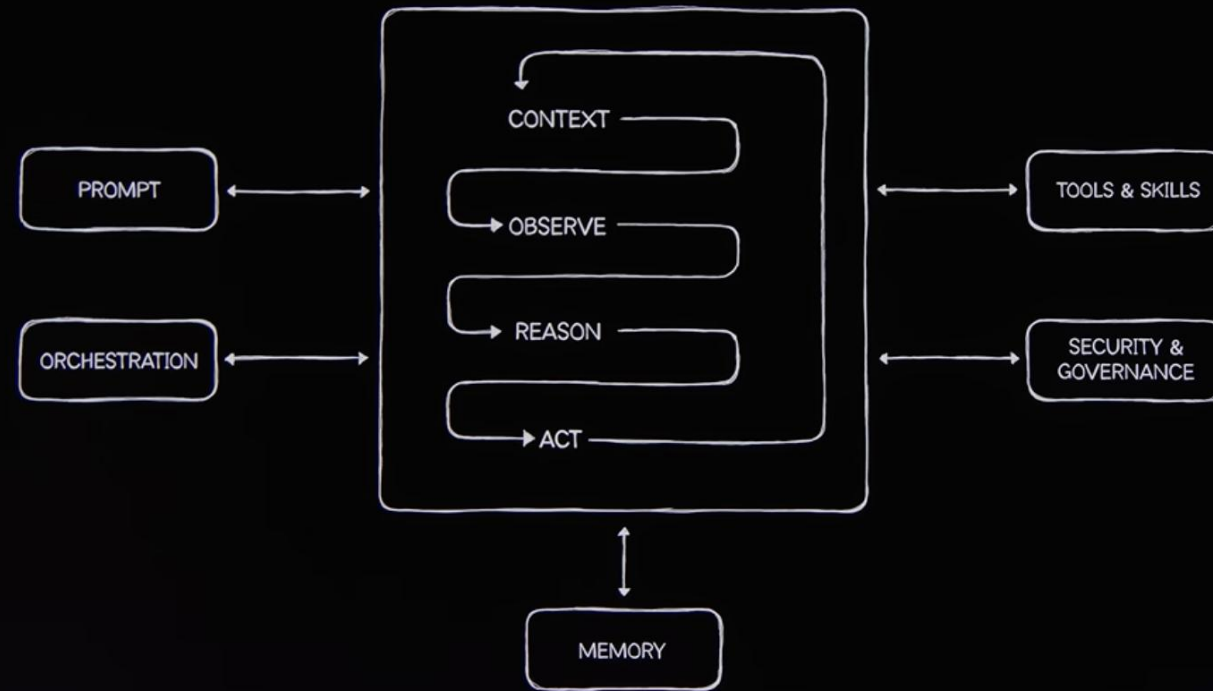


Agents
Digital coworkers

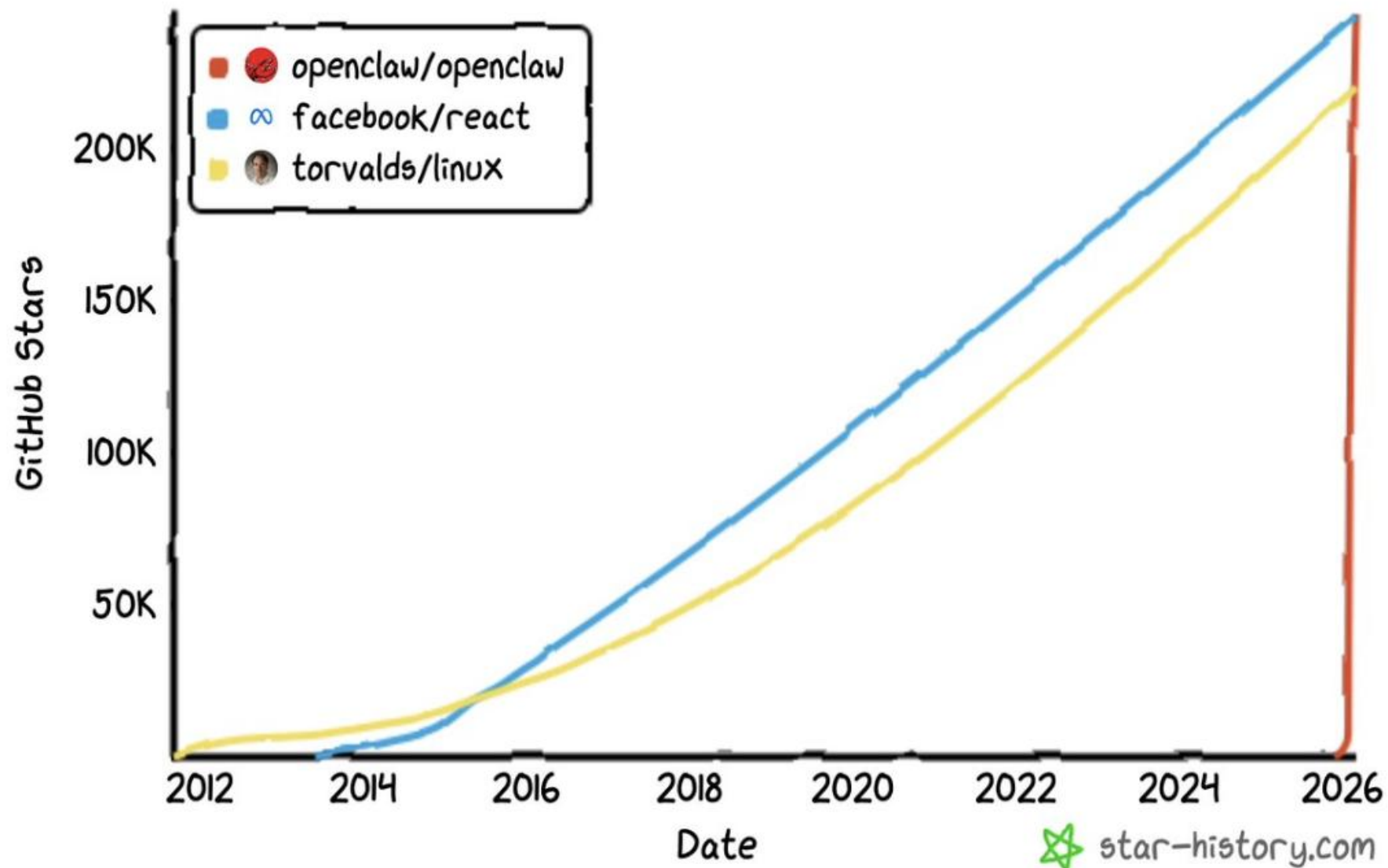
ChatGPT innovated outside of the model



AGENT = LLM + HARNESS



Star History



We're now evolving so
humans and agents
can work together



Cisco Cloud Control

CONTROLLED AVAILABILITY in the U.S.

JUNE 2026

Collaboration
Control Hub

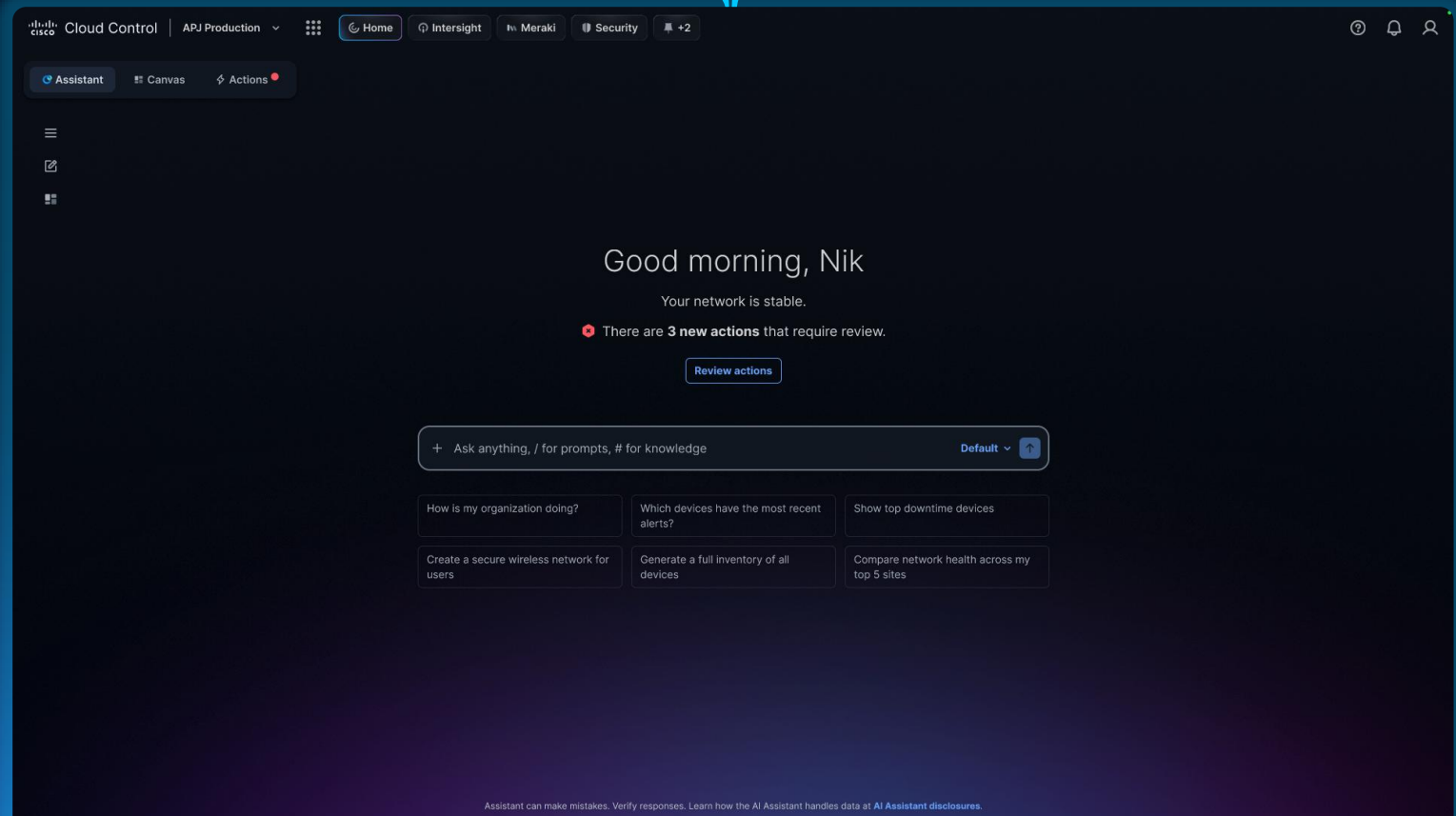
Nexus
Dashboard

Security Cloud
Control

Intersight

Meraki
Dashboard

Splunk



Cisco Domain Models

Networking · Security · Applications

Best for: infrastructure-specific expertise

Cisco Task-specific Models

Purpose-built, efficient

Best for: narrow, high-volume tasks

Frontier Models

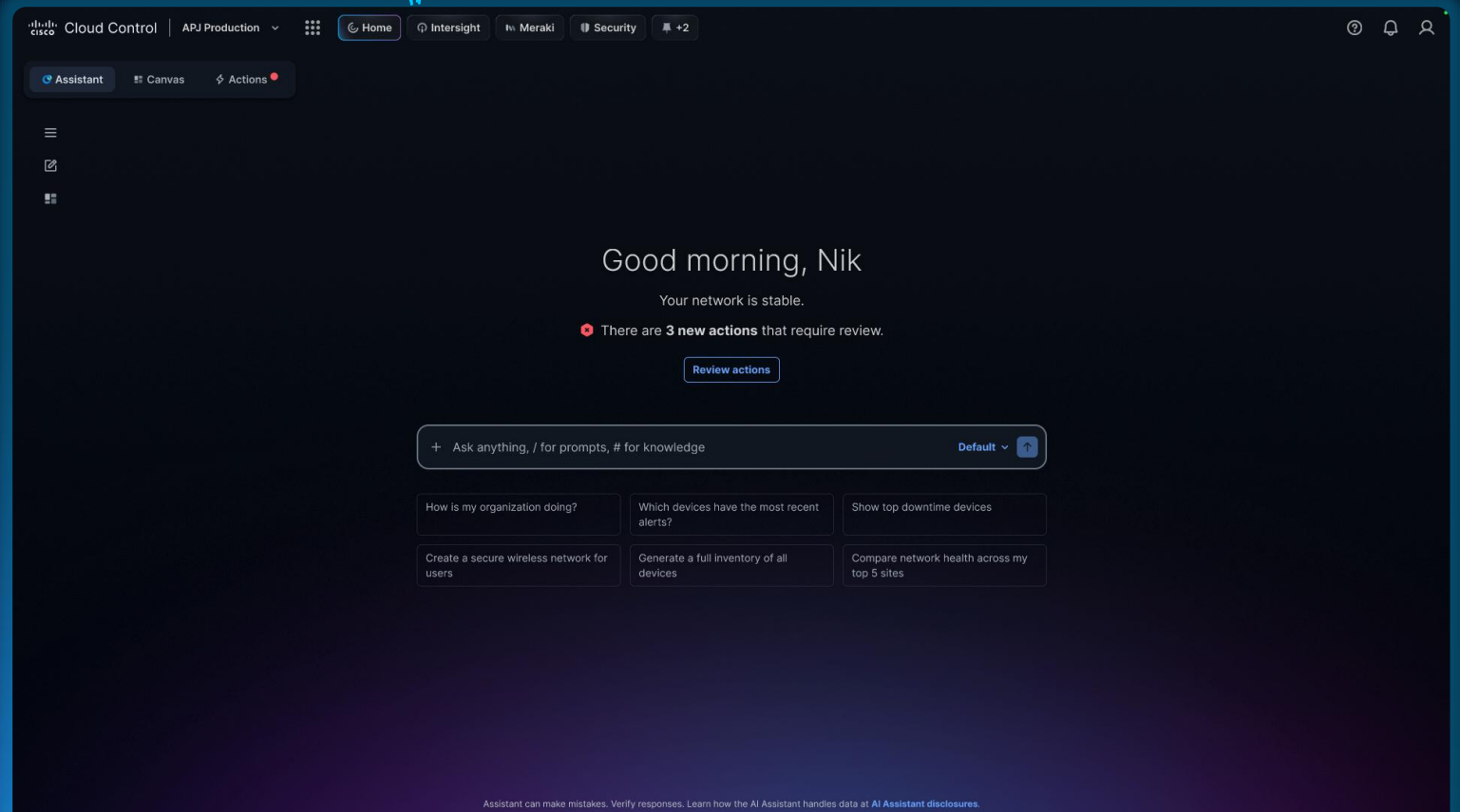
GPT · Claude · Others

Best for: broad reasoning, general Q&A

Cisco Cloud Control

CONTROLLED AVAILABILITY in the U.S.

JUNE 2026



Cloud Control

APJ Production

Home

Intersight

Meraki

Search

Assistant

Canvas

Inventory

Last updated 5 minutes ago

300 assets, 150 switches, 50 routers, 50 access points, 50 WAN appliances

Insights

View all 13 insights

Operations & Health

7 critical PSIRT vulnerabilities detected on 6 devices in Tokyo Campus

2 Critical health | 7 Critical PSIRTs | 6 Stale (> 60m) | 6 LDOS ≤ 90d

View devices > Ask AI assistant

Inventory & Administration

4 devices are experiencing packet loss and latency, impacting 85 users in Tokyo

2 Critical health | 7 Critical PSIRTs | 6 Stale (> 60m) | 6 LDOS ≤ 90d

View devices > Ask AI assistant

Security & Compliance

19 devices have license compliance issues, including 22 expired and 7 expiring

2 Critical health | 7 Critical PSIRTs | 6 Stale (> 60m) | 6 LDOS ≤ 90d

View devices > Ask AI assistant

Classic

Search for keywords

Health status

Location

Filters

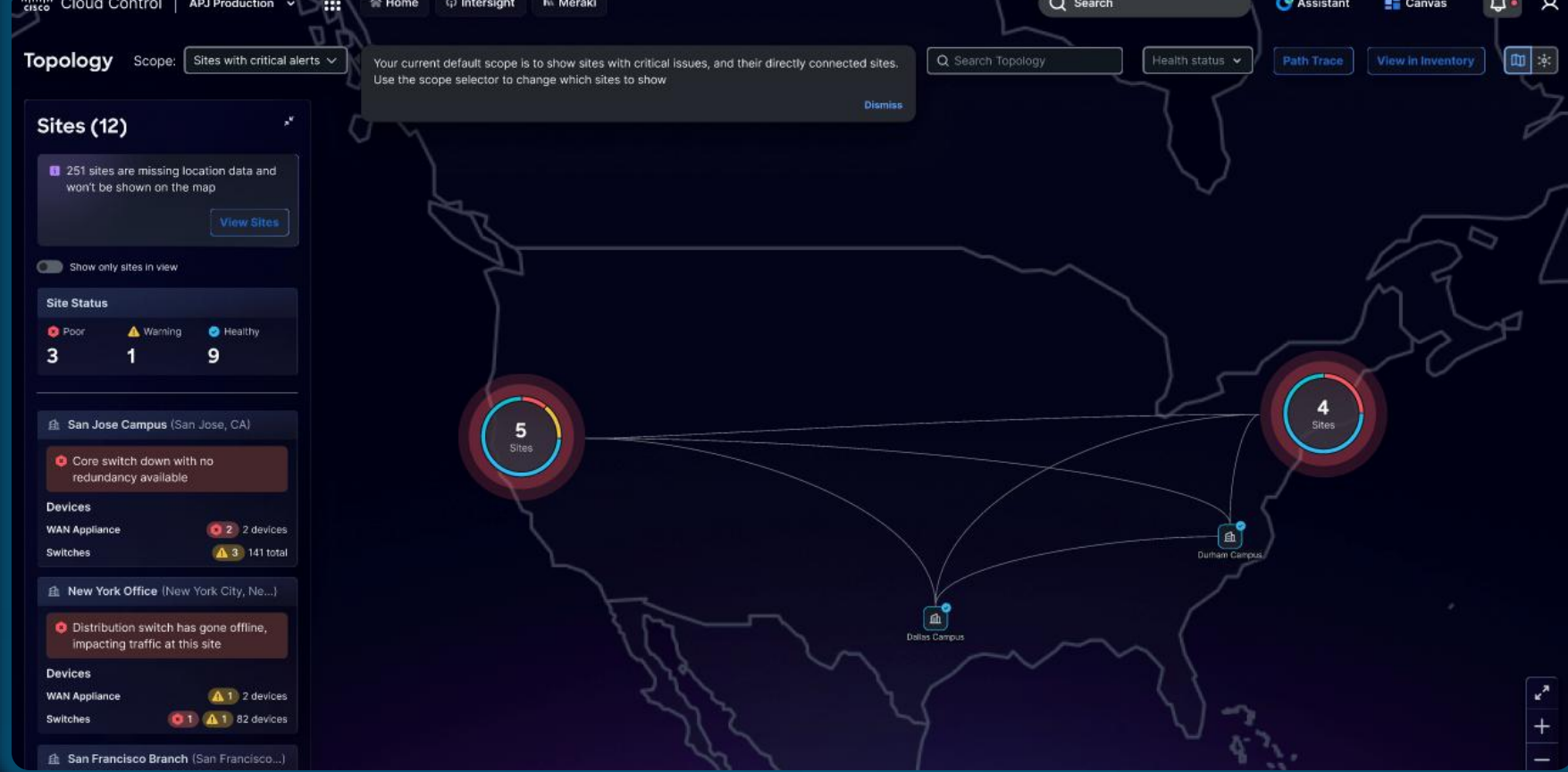
48 results

View in topology

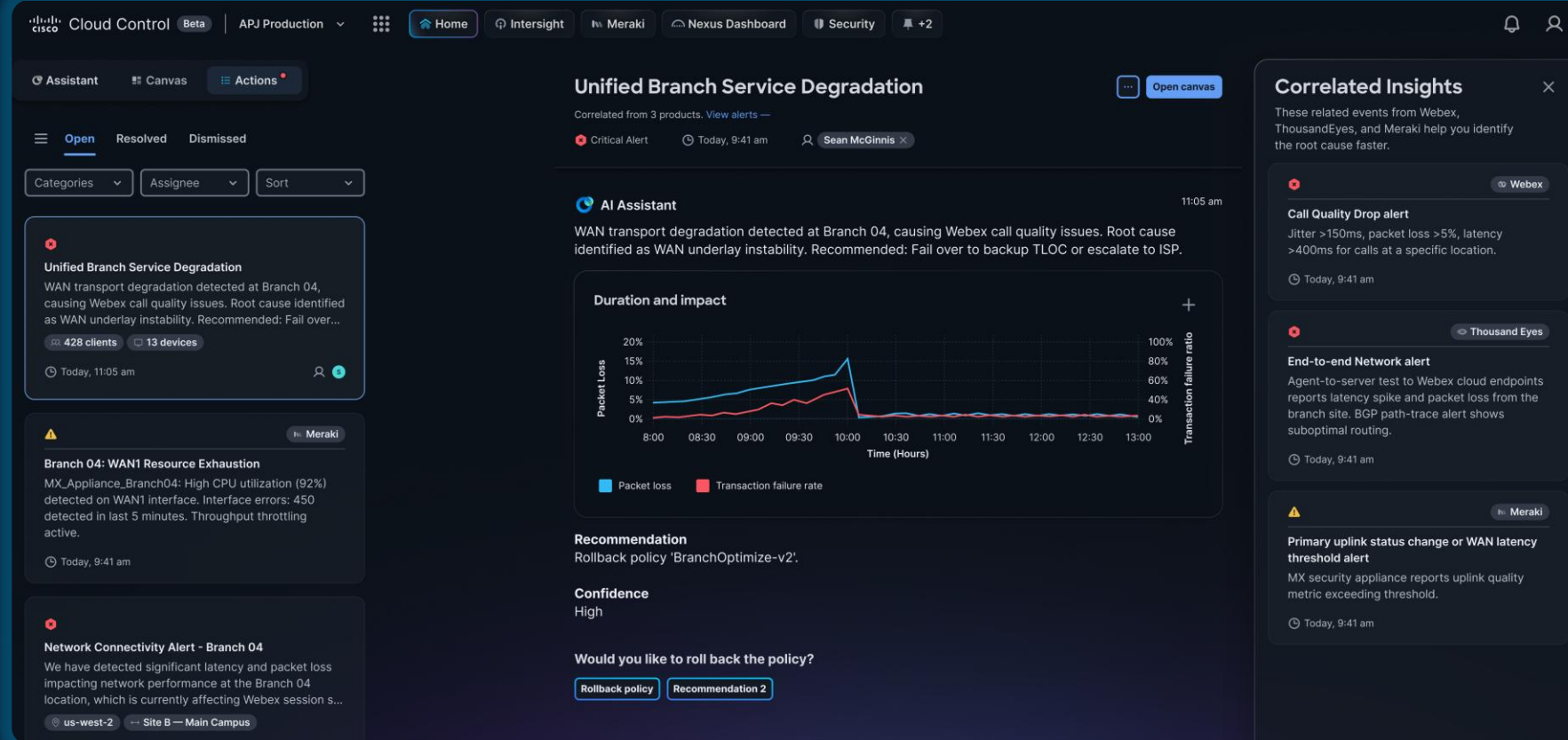
Generate report

	Health	Name	Reachability	Compliance	PSIRT	Asset type	Site	Site type	S/W version	License state	Lat day of service	Last updated	
☐		sfo-12-4-ap-19	Unreachable	Not compliant	2 1	Meraki AP	Tokyo Campus	Campus	17.4.23	Not required	Dec 18, 2025 09:14	Dec 18, 2025 09:14	...
☐		Tokyo-MX1	Unreachable	Not compliant	1 1	Meraki MX device	Tokyo Branch	Branch	17.4.23	Not required	Dec 18, 2025 09:14	Dec 18, 2025 09:14	...
☐		router-061	Reachable	Compliant	1 1	Catalyst router	SFO HQ	Campus	17.6.56	Active	Dec 18, 2025 09:14	Dec 17, 2025 09:14	...
☐		es-spine	Reachable	Compliant	1 1	NX-OS switch	—	Fabric	19.8.75	Active	Dec 18, 2025 09:14	Dec 15, 2025 09:14	...
☐		router-091	Reachable	Compliant	1	Catalyst router	SFO HQ	Campus	21.8.70	Expired	Dec 18, 2025 09:14	Dec 16, 2025 09:14	...
☐		es-leaf2	Reachable	Compliant	1	NX-OS switch	—	Fabric	11.3.88	Active	Dec 18, 2025 09:14	Dec 15, 2025 09:14	...
☐		es-leaf1	Reachable	Compliant	2	NX-OS switch	—	Fabric	13.6.64	Active	Dec 18, 2025 09:14	Dec 15, 2025 09:14	...
☐		LDN-MS1	Reachable	Compliant	3	Meraki MS switch	LDN Office	Campus	23.0.83	Expired	Dec 18, 2025 09:14	Dec 15, 2025 09:14	...
☐		LDN-MS2	Reachable	Compliant	3	Meraki MS switch	LDN Office	Campus	14.3.47	Active	Dec 18, 2025 09:14	Dec 15, 2025 09:14	...

All your assets in one place.



Topology unified in one view.



From visibility to action.

Cisco AI Canvas

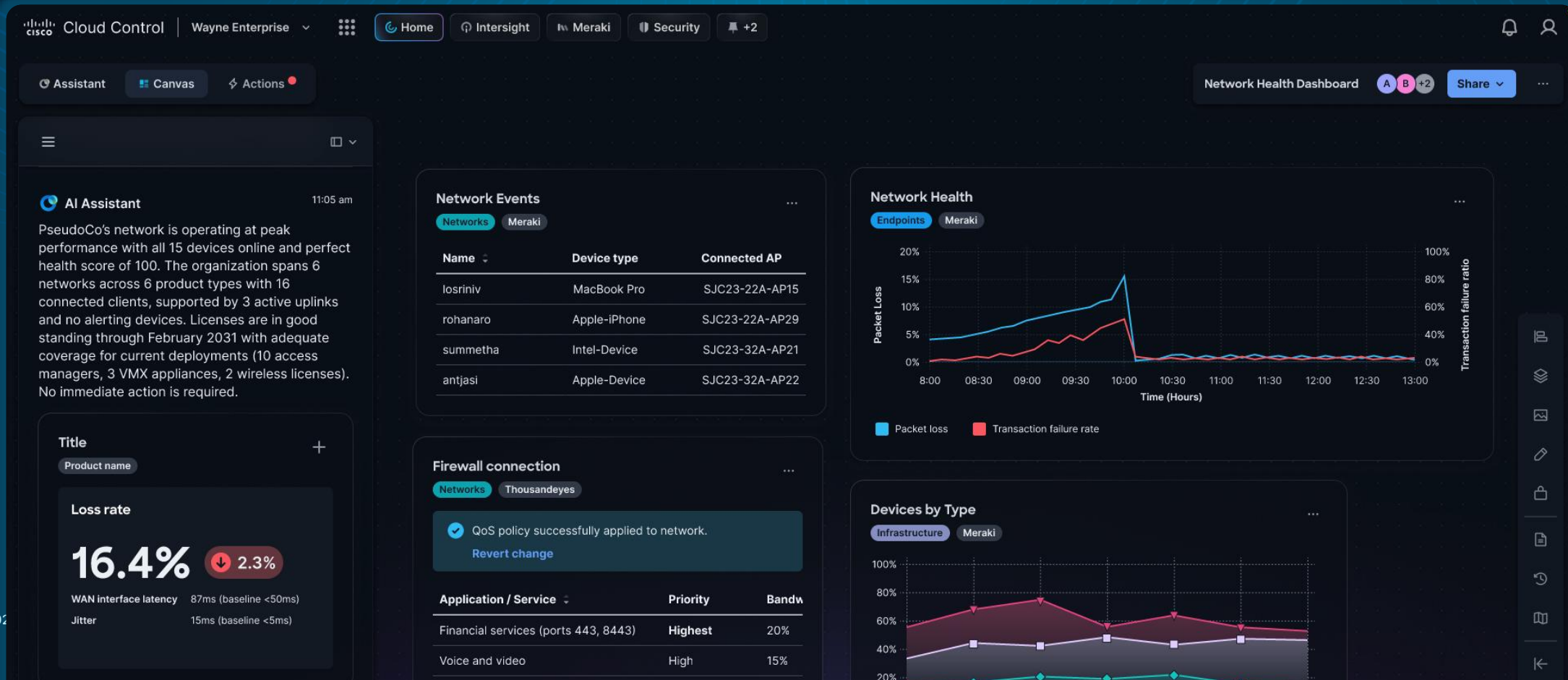
The workspace in Cisco Cloud Control

INCLUDING

Enterprise Memory

Deep Reasoning Mode

Agentic Security



Agent Builder

Your expertise. Your agents.

Marketplace

Deploy certified Cisco and partner agents.

Build custom agents

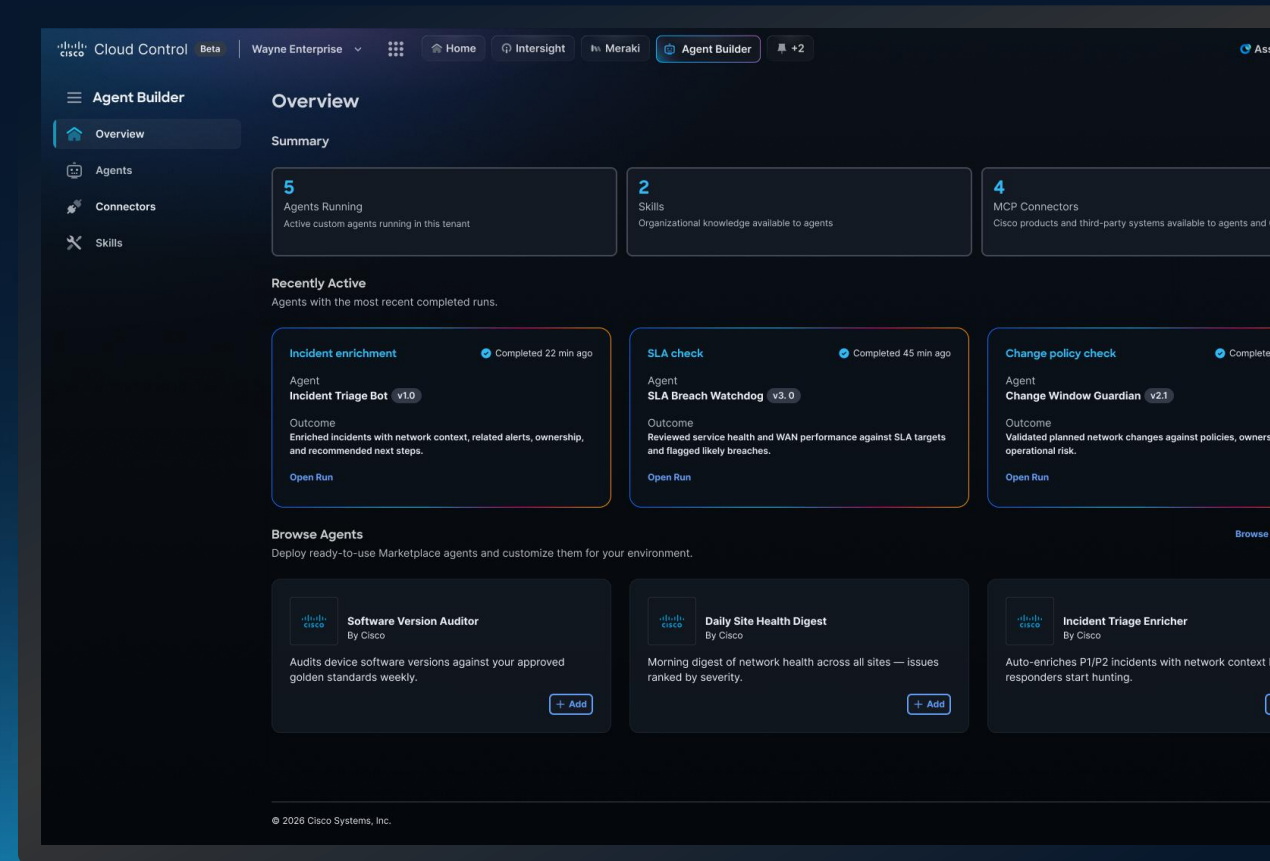
Describe the job in plain language. Test safely before production.

Add your knowledge

Ingest runbooks, SOPs, and policies as agent skills.

Oversight

Traced by Splunk. Protected by Cisco AI Defense.



“

The 10x Engineer

From The Mythical Man Month

“

The 100x Engineer

AI is Redefining Engineering Teams

Record Acceleration



Pull requests
merged

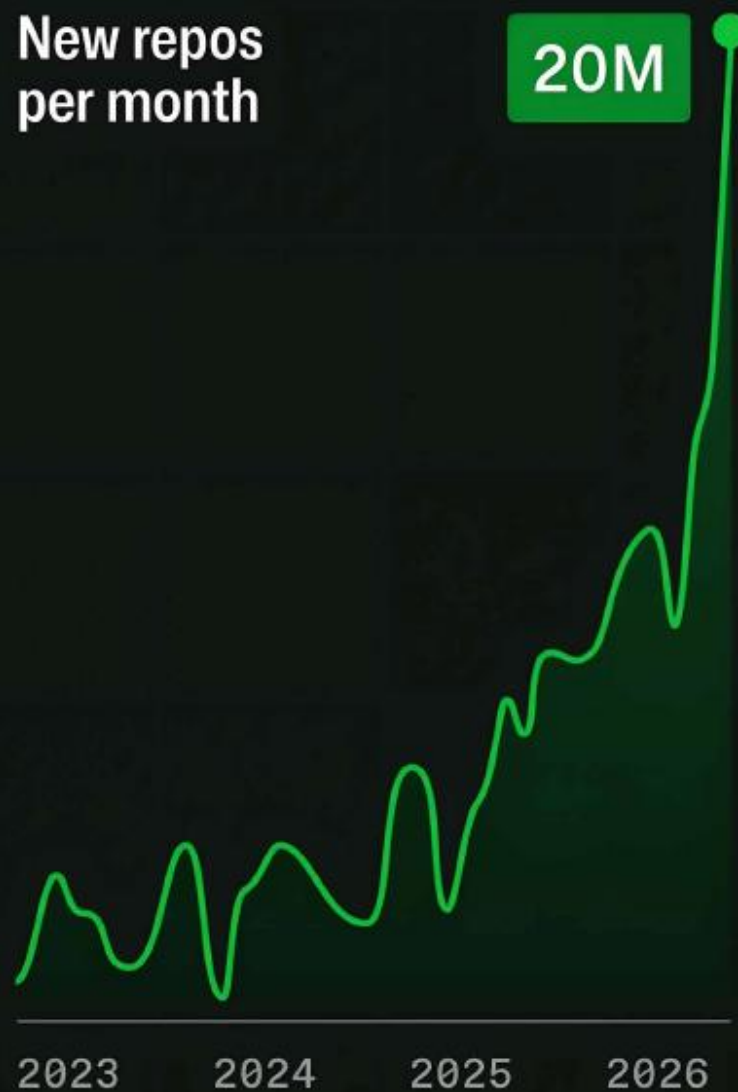
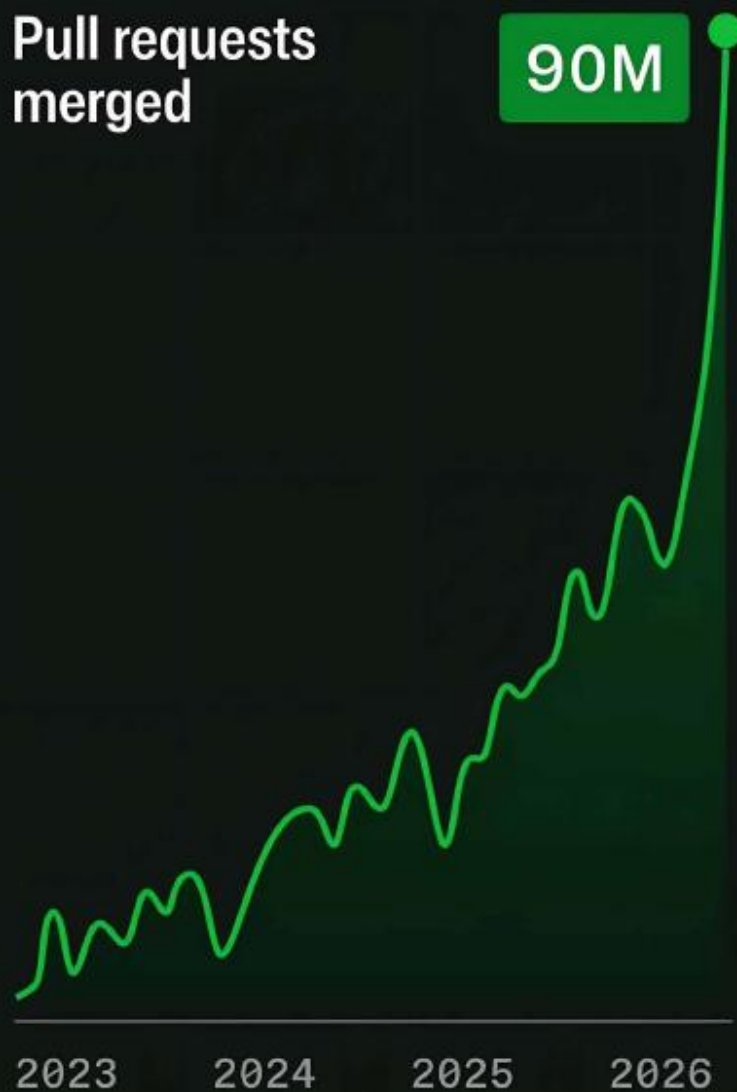
90M

Commits

1.4B

New repos
per month

20M



A New Look at AI's Impact on Jobs: Firm-Level AI Spending and Workforce Adjustment*

Ara Kharazian[†] Lisa Simon[‡] Ryan Stevens[§]
Ramp *Revelio Labs* *Ramp*

June 30, 2026

Abstract

We study how employment changes when firms adopt generative AI using observed AI spending from Ramp card and bill pay data linked to Revelio Labs workforce records for 21,559 firms in the United States. We find that companies that adopt AI tend to grow faster following adoption, but the relationship is driven almost entirely by high-intensity adopters. Firms making the largest AI investments grow employment by roughly 10% following adoption, while low-intensity adopters see no statistically significant change. Entry-level headcount rises 12% for high-intensity adopters. Gains emerge gradually and are broad across roles, including engineering, sales, administration, and customer service. They are also uneven: adopters are already larger, more technical, faster-growing firms, and sector-level gains are concentrated in Information. The results counter predictions that AI adoption will lead to broad job loss.

*We thank the following individuals, whose thoughts and feedback supported our work, and who could never be replaced by AI: Nick Bloom, Scott Cunningham, Martha Gimbel, Rafael Hajjar, Jon Hartley, Jeremy Huang, Nikki Neumann, Torsten Slok, Noah Smith, and Ernie Tedeschi. The latest version of this paper is available online at ramp.com/data/ai-jobs-impact.

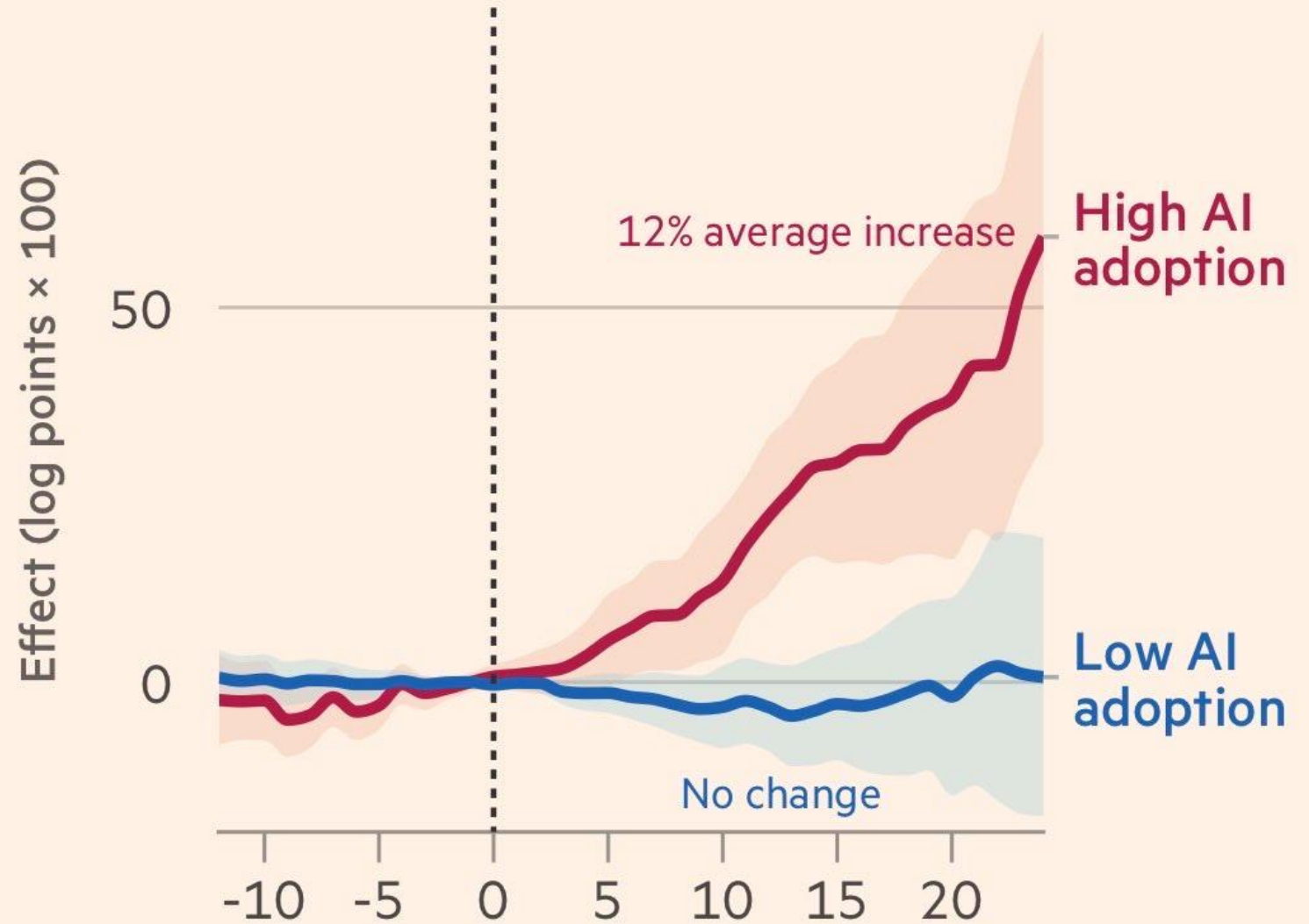
[†]Lead Economist, Ramp. Corresponding author. ara.kharazian@ramp.com

[‡]Chief Economist, Revelio Labs. lisa@reveliolabs.com

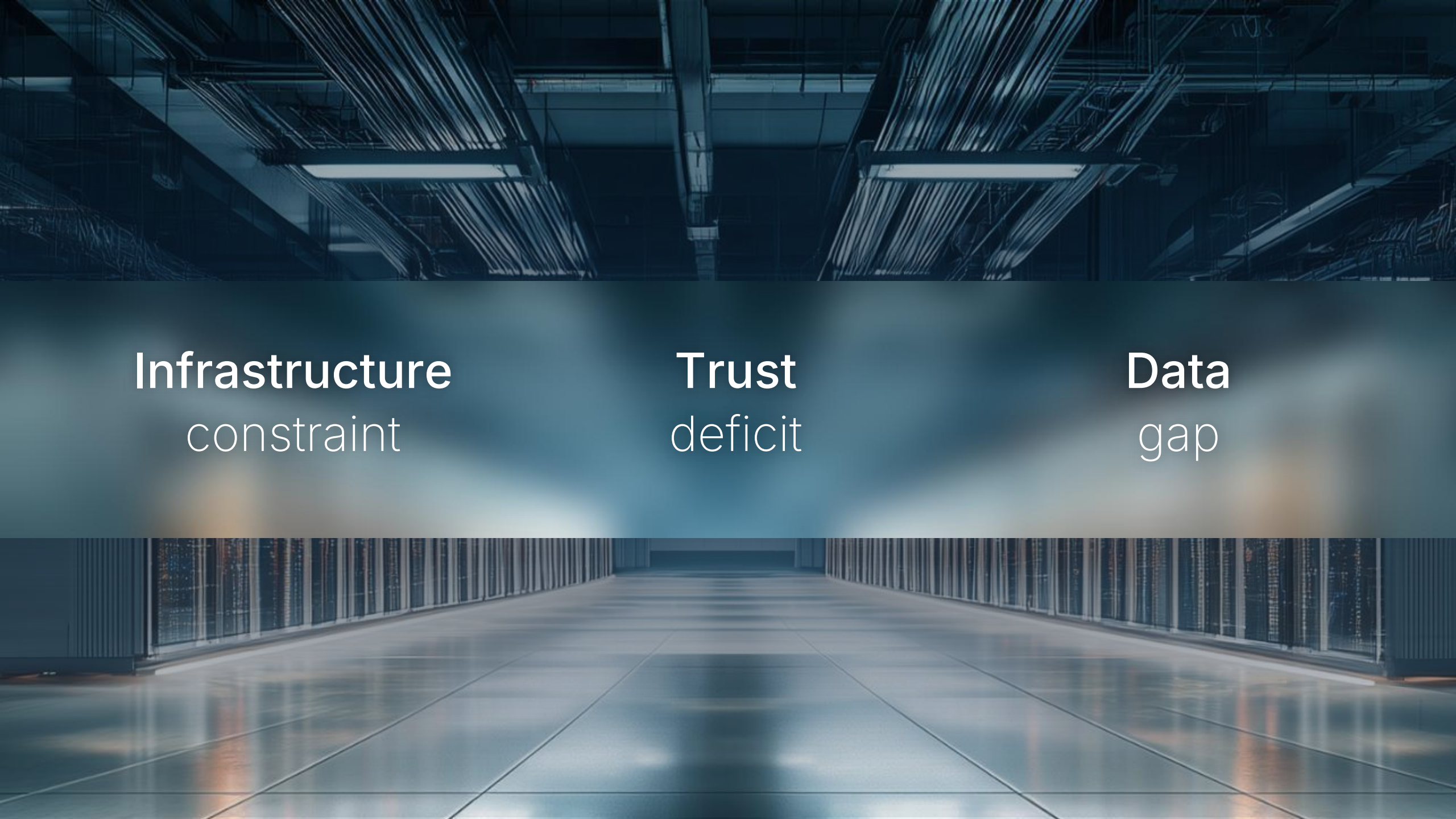
[§]Director of Applied Science, Ramp. rstevens@ramp.com

1

Entry level



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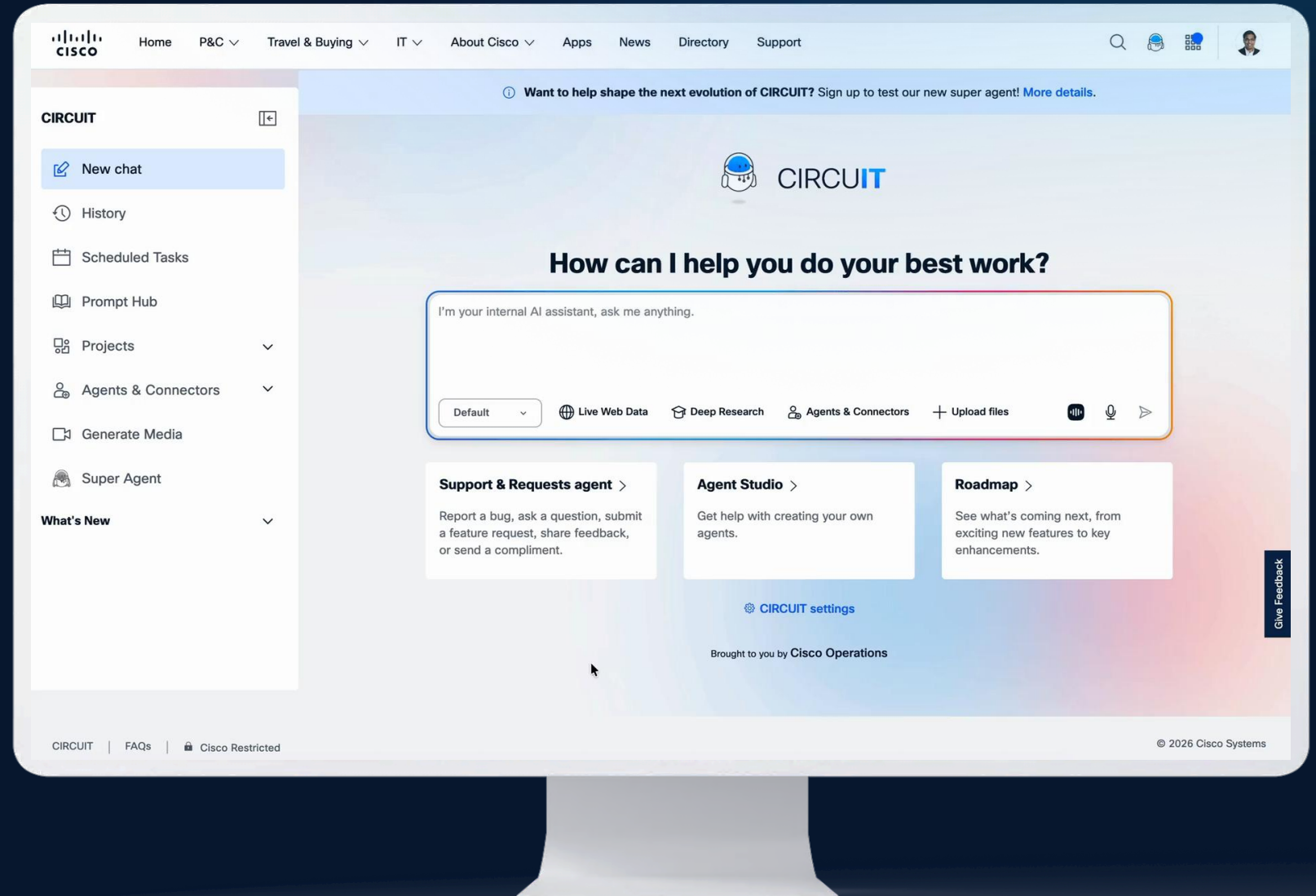
Infrastructure
constraint

Trust
deficit

Data
gap

What is Circuit?

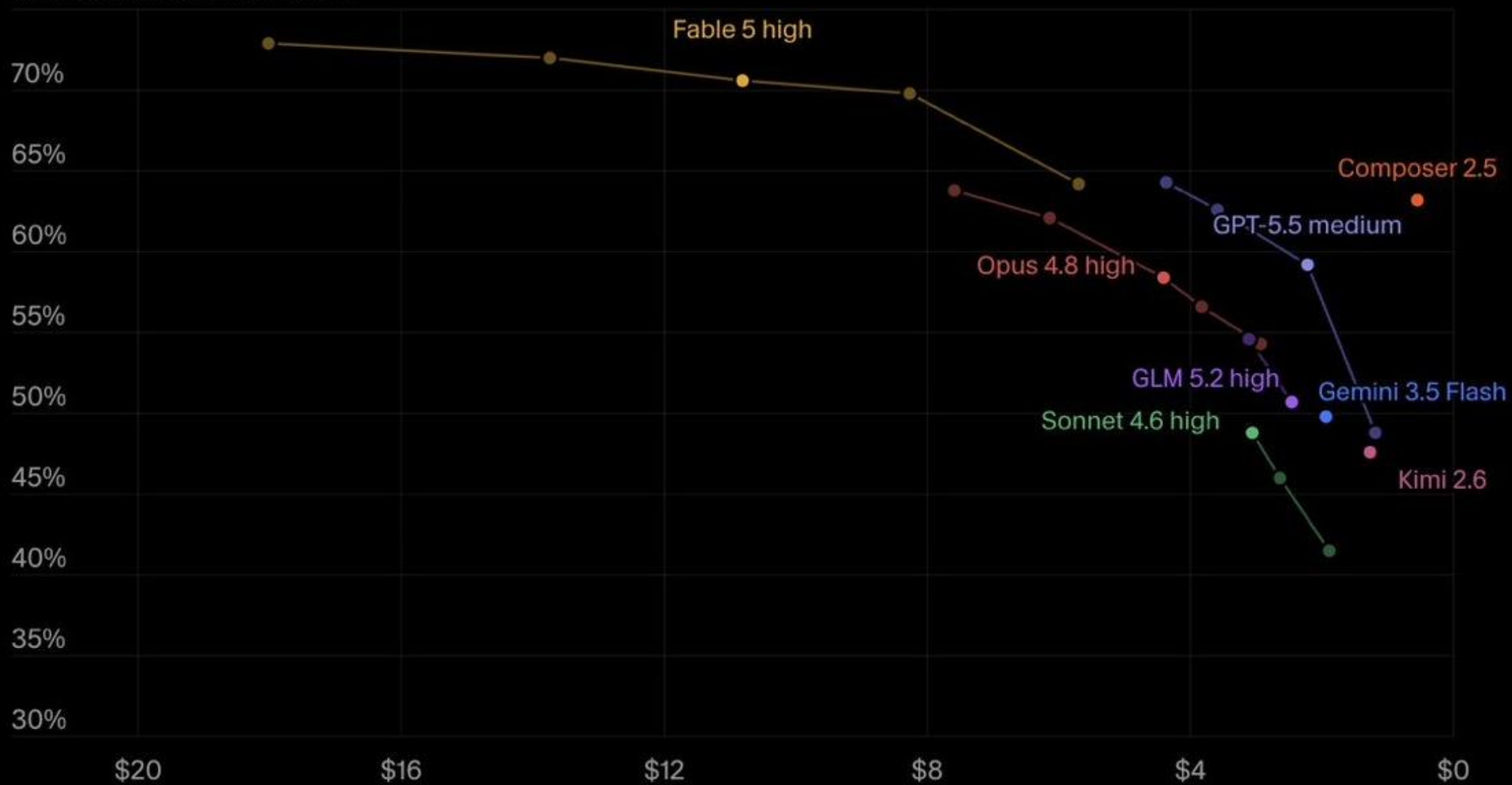
Cisco's next-generation, enterprise-ready AI Super Agent & Assistant, purpose-built to transform how employees work.





Every agentic action is a routing challenge, a trust decision, and a telemetry event

75% CursorBench 3.1 score



Average cost per task

LLMs, Agentic AI & RAG

External sources

Gemini Flash Lite

GPT-4.1, GPT-o3, GPT-o4 mini

GPT-5.5, 5-mini, 5-chat, 5-nano

Gemini 3.1 Flash

Nano Banana 2

Gemini 3 Pro, Gemini 3 Pro Image

Gemini 3.0 Flash with live web data

Claude Sonnet 4.6, Opus 4.7 and Haiku 4.5

Cisco DNM (Beta)

VEO 3.1

GPT-OSS (AI POD)

Internal sources

Cisco.com

HelpZone

SalesConnect

Policy data

Sharepoint, Outlook, Webex

Box, Jira, Atlassian Confluence

Circuit

Agentic AI

Agent Hub

Connector Hub

Agent & Connector Studio

Annual Employee AI Usage (Circuit)

35M

Circuit UI User
Prompts

14.9M

Peak Tokens per Second

1.3T

Circuit UI & Agents LLM
Tokens

227M

LLM Requests

100K+

Circuit Users

250K+

PPTs generated

All organizations are defining their AI Services Stack

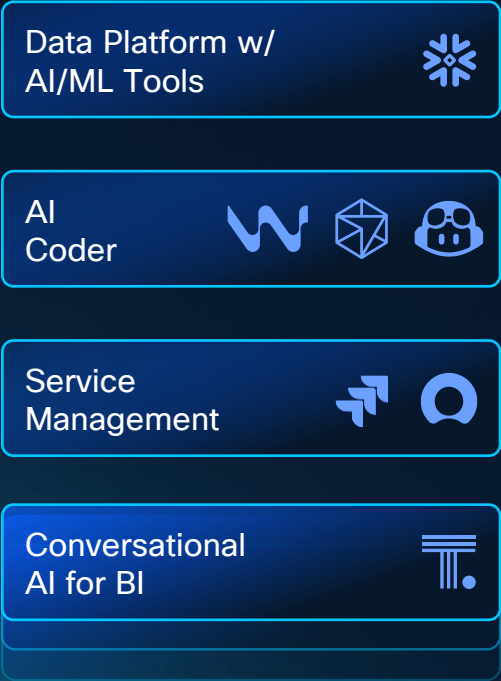
Agent Ecosystem



SaaS based AI Services



AI Platform Services



Cisco Secure AI Factory with NVIDIA

ACCELERATE AI APPS DELIVERY

Training

Optimization

Inferencing

**A modular
reference design**
that combines high-
performance infrastructure
with full-stack security and
observability

AI Software w/
NVIDIA AI Enterprise



Kubernetes Platform



Cisco AI Networking



Cisco Compute w/
NVIDIA Accelerated Computing



Partner Storage



Cisco Security



Splunk Observability

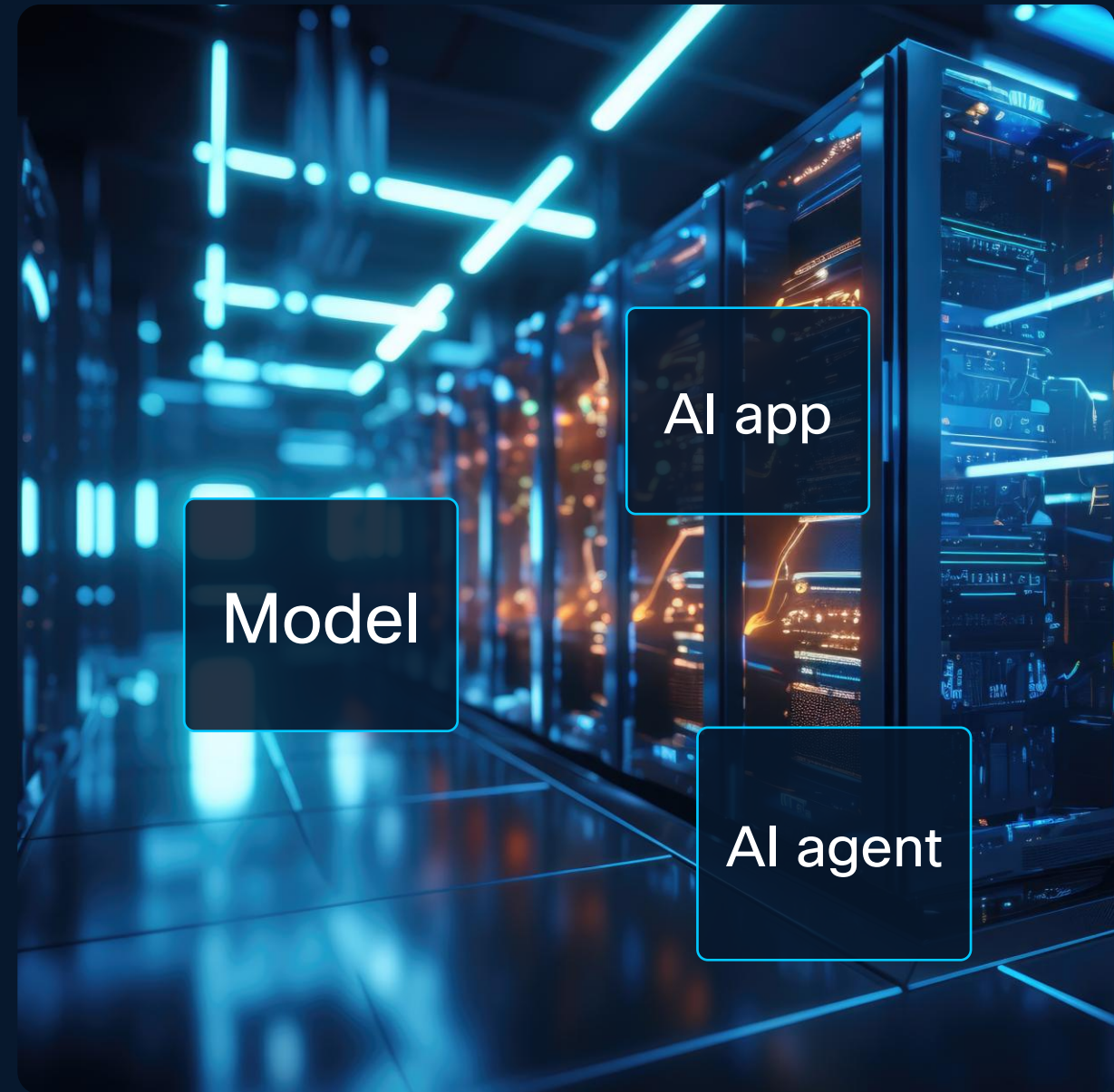
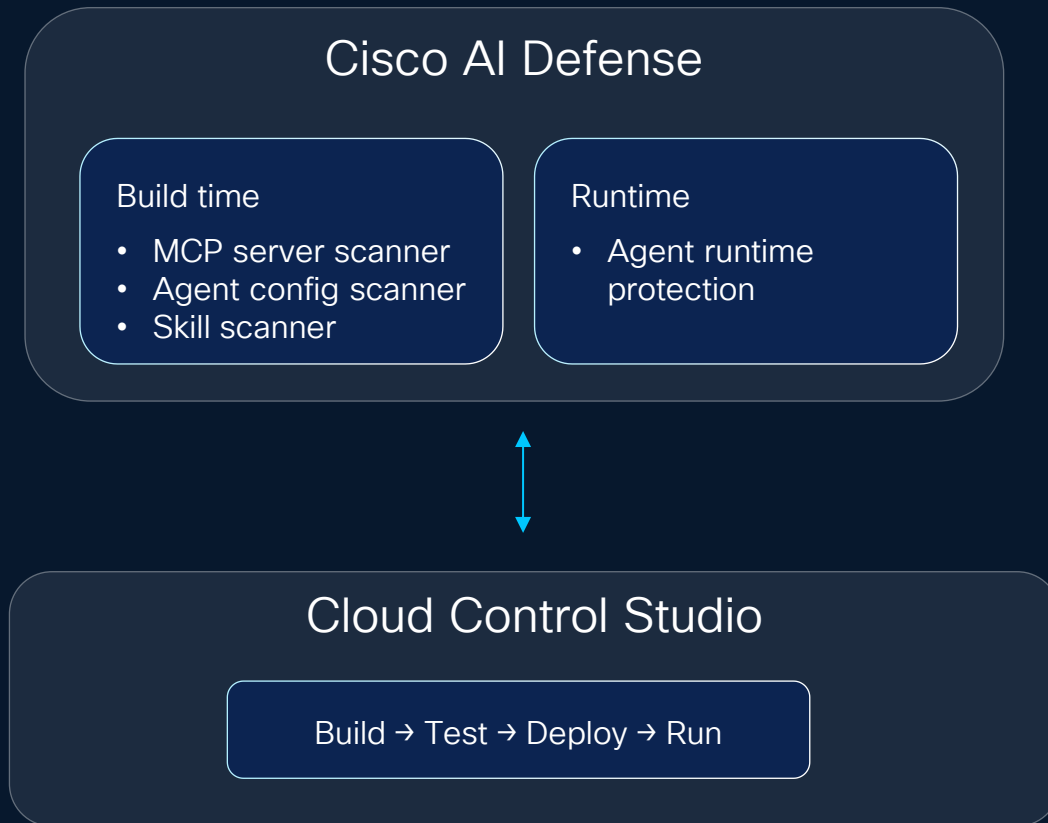


Data Center
(Core)



Edge

Security needs to be built in not bolted on



Discover, Validate and Protect Agents

Powered by Cisco AI Defense



Discover



Validate



Protect

NEW

Adaptive red teaming
and custom guardrails

NEW

Protecting the full agent
supply chain

NEW

Ecosystem to work with
any cloud, any GPU

Toolkits to Secure your AI Agents

Open Source



DefenseClaw

CodeGuard

AI Harness Toolkit

AGNTCY

A Proud Project of 

 cisco

Google



 Red Hat

ORACLE

Build an open Internet of Cognition

80+ collaborating organizations



How can you **trust AI**
if you can't see what it's doing?

Lack of **end-to-end** visibility



AI Resource Monitoring & Telemetry Analysis

Powered by Splunk

OpenTelemetry-native

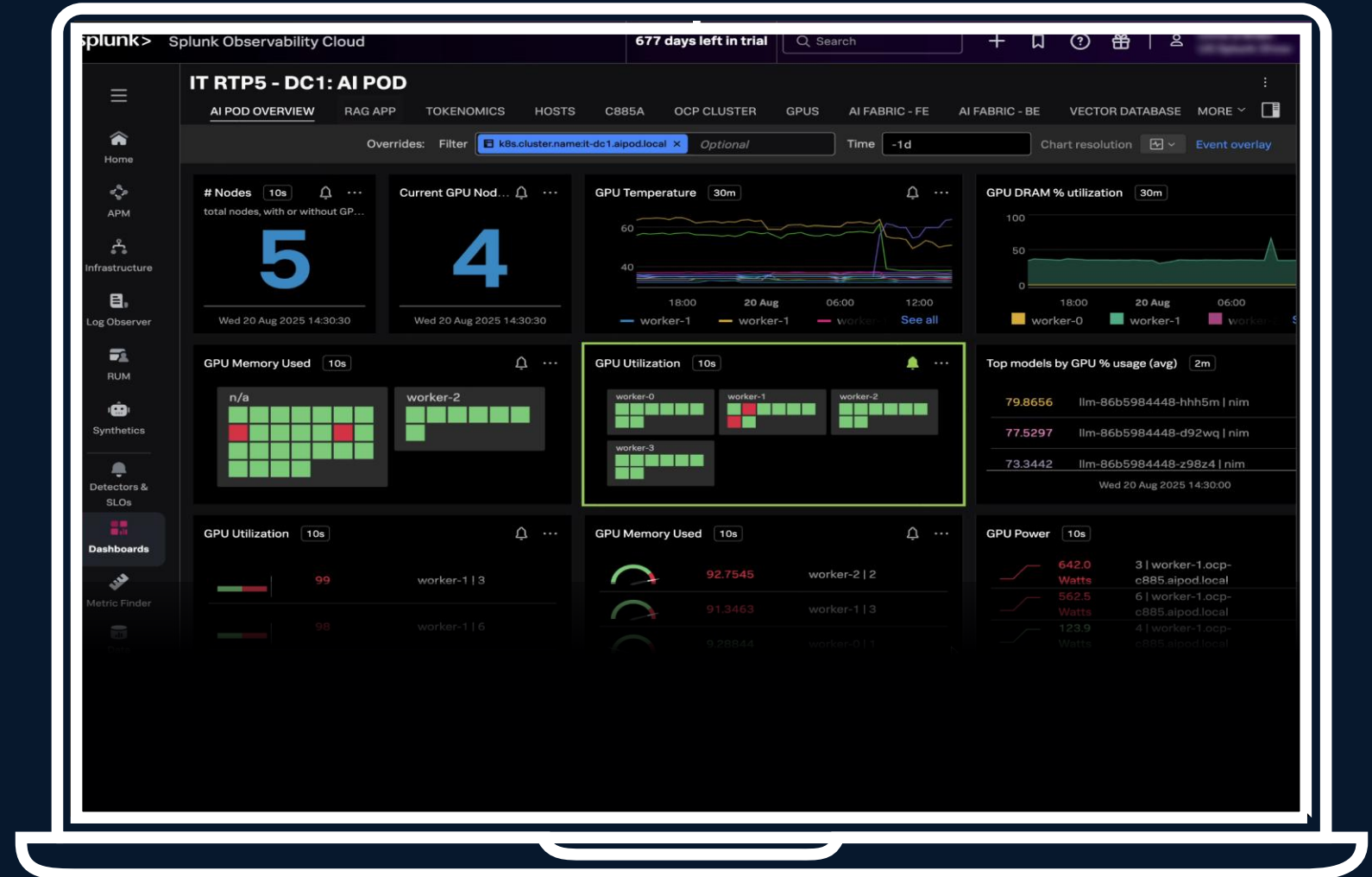
Own and control your data, avoid vendor lock-in and instrument only once on a common standard as you build new applications.

AI powered analytics and guidance

AI/ML driven features like Service Maps and Trace Analytics provide directed guidance that helps you resolve issues faster.

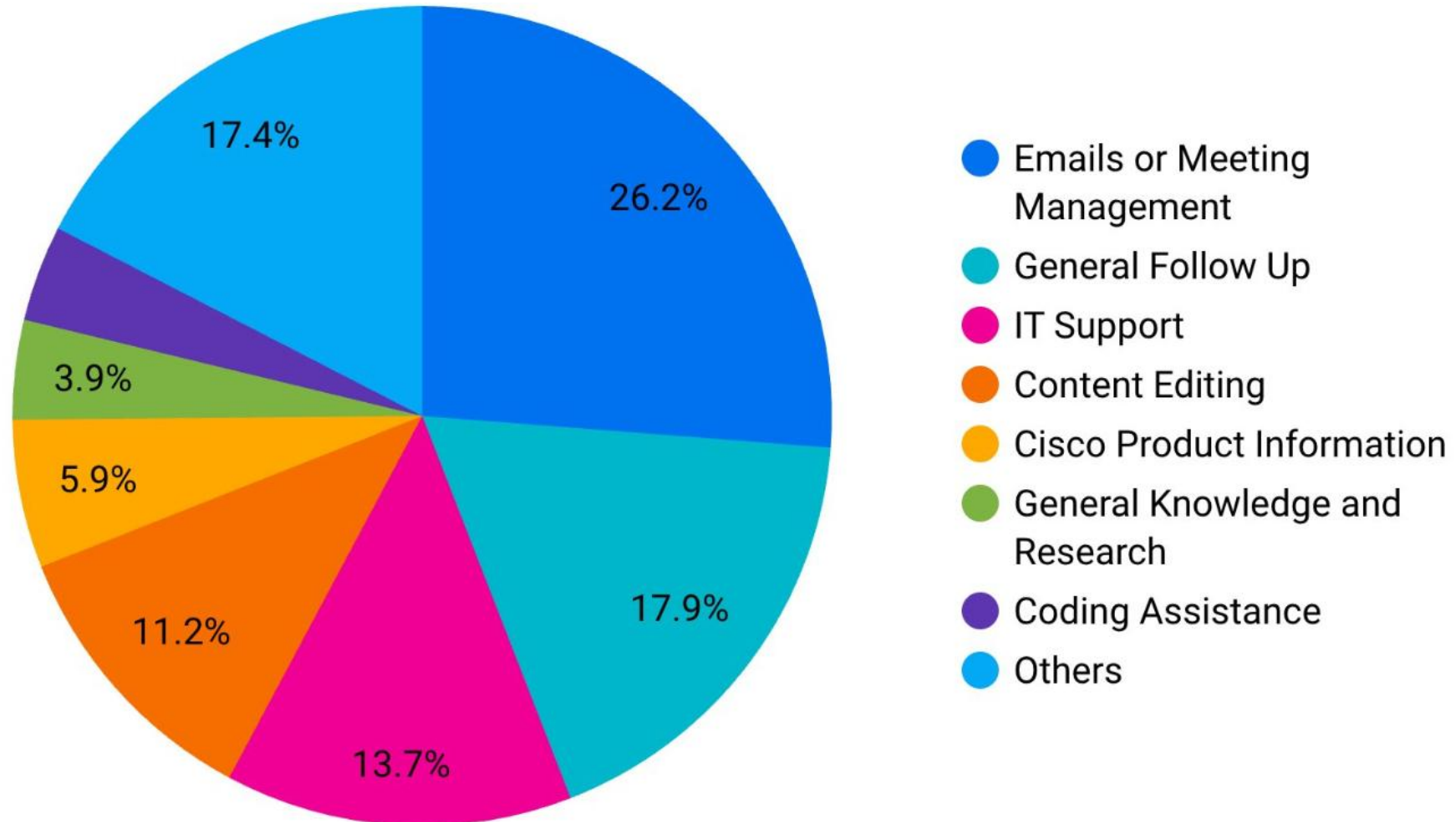
No data sampling

Eliminate blind spots by collecting and analyzing 100% of your data with Splunk's NoSample™ tracing.



AI Observability – Enterprise Use Case Analysis

Powered by Splunk



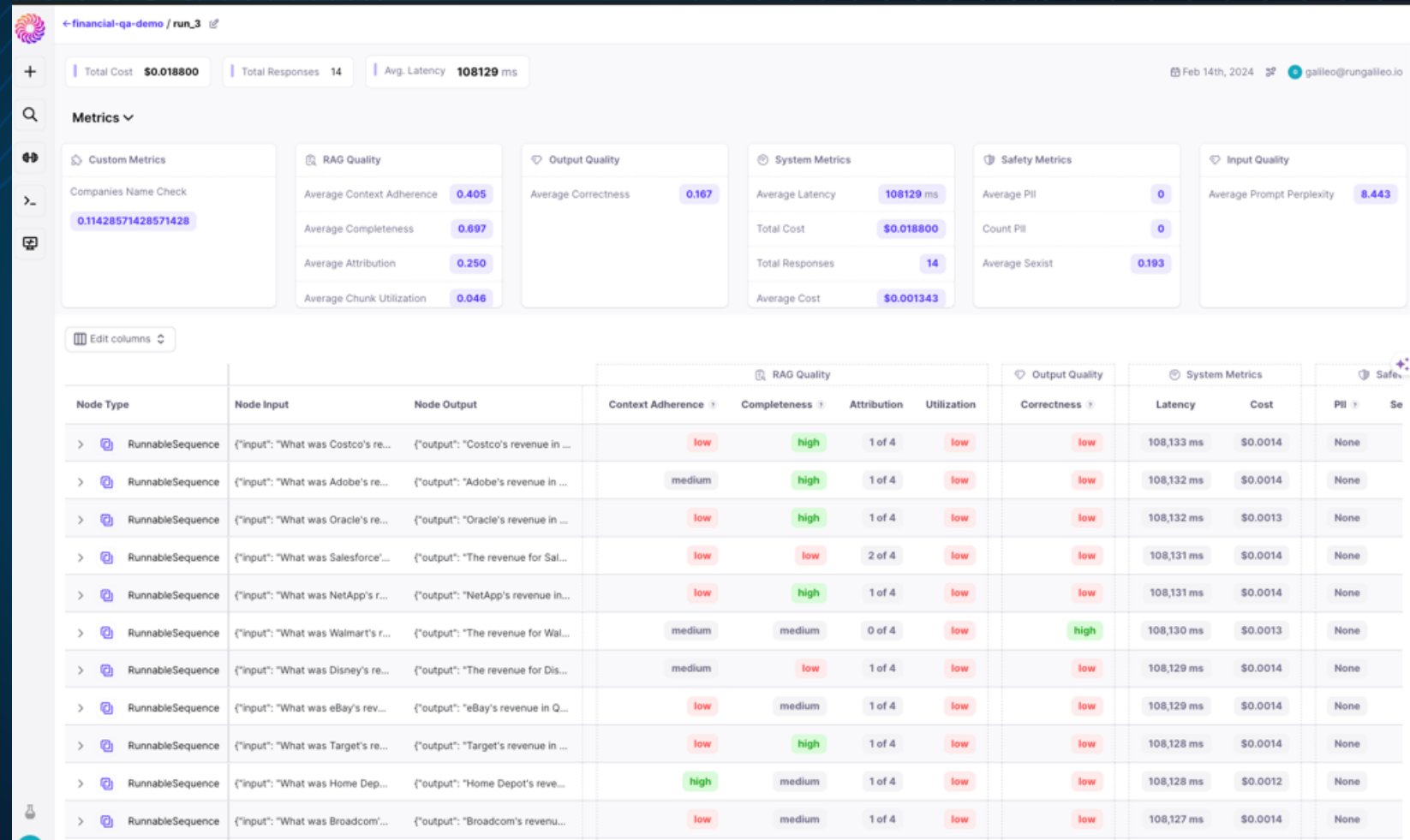
Galileo's world-class multi-agent observability supercharges Splunk

Agent Observability
Available June 2026

NEW!

Token and Cost Insights
Available Now

Infrastructure Observability
Available Now



Token Growth is on an Exponential Trajectory

1. Identify your 100X engineers
2. Enable with Secure AI Infrastructure
3. Tooling for AI Observability, AI Fin Ops & Evals is essential

