CISCO Connect

From Manual Operations to AgenticOps

Redefining data center operating model

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SE



September 23, 2026

One Cisco Portfolio and Priorities

Cisco Cloud Control and AI Canvas (aim to) encompass Cisco's entire portfolio



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Can your data center operations
scale for AI?

The bottleneck: scale limitations

AI workloads hit the data center with 10x the scale, data, cost, and complexity.

THE INFLECTION POINT

10x

Operational Pressure

Legacy infrastructure breaks under the asymmetric demand, data velocity, and density that generative AI requires.

Siloed Operations
Disconnected tools and dashboards across networking, security, observability, and compute. No way to correlate signals.

Beyond Human Scale
Signal volume outpaces triage. Manual workflows inflate MTTR and stall resolution.

Compounding Risk
Config errors, asset blind spots, and compliance drift accumulate.

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The world runs at AI speed.
Your operations run at the speed of tickets.



AI speed

Code ships itself

Threats move autonomously

Workloads spin up in seconds

Users expect instant everything



Ticket speed

Manual workflows

Change windows

Tuesday reviews

Reactive firefighting

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AgenticOps

Cisco Cloud Control

AI Assistant | AI Canvas | Studio | Cisco dashboards | Third party & APIs



Cross-domain telemetry



Purpose-built models



Trusted agents

The AgenticOps Foundation

Cisco Silicon One™

High-fidelity data for intelligent, proactive operations

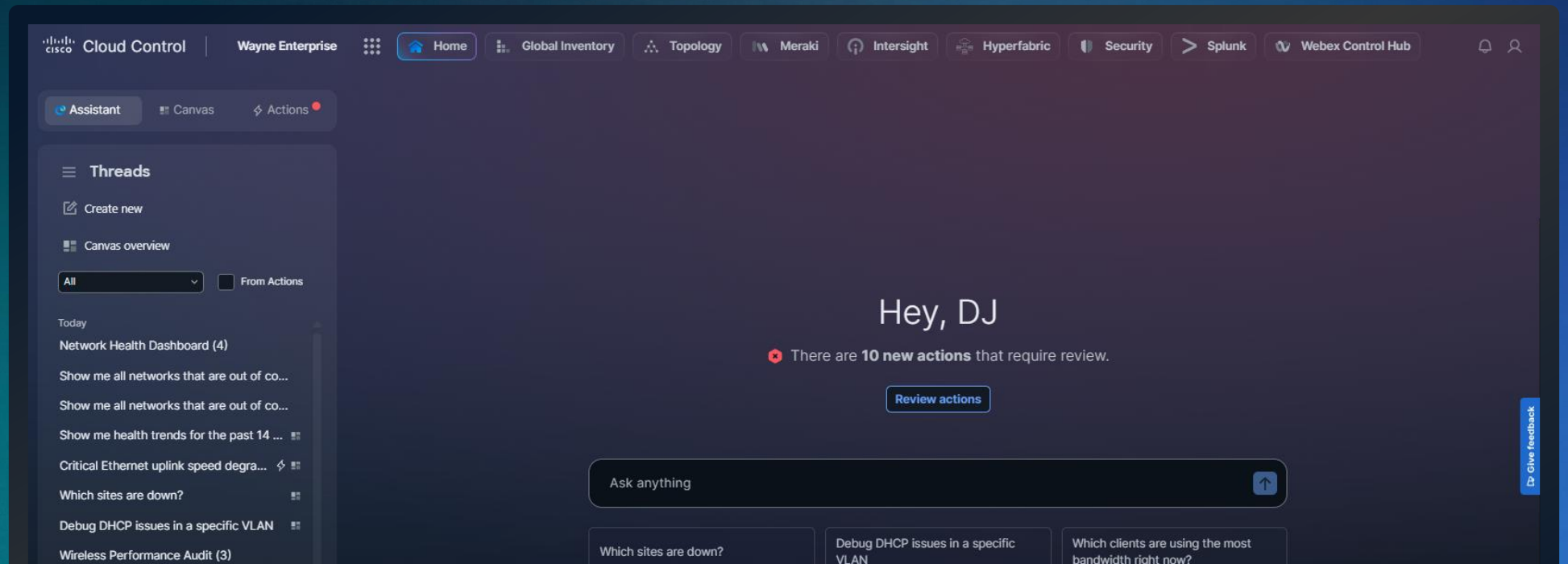
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Cisco Cloud Control

One platform. Every domain. The foundation everything else is built on.

Meraki • ThousandEyes • Security Cloud Control • Splunk • Nexus Dashboard • Catalyst SD-WAN • Intersight • Webex • IQ • & more



The platform

The foundation everything is built on.

Cisco Cloud Control

Cisco Products

Meraki	Catalyst Center
Security	Identity
SD-WAN	Nexus Dashboard
Intersight	Nexus Hyperfabric
Splunk	ThousandEyes
IQ	Collaboration Control Hub

AgenticOps

Canvas
Multiplayer workspace

Assistant
Individual assistant

Platform services

- Identity
- Actions
- Inventory
- Topology
- Licensing
- Workflows

Customize & extend

Studio
Build custom apps & agents

Marketplace
Discover new capabilities

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Cisco Cloud Control

The management console for AgenticOps

One login

Sign in once. See everything.

One inventory and topology

Every asset. See how it all connects, in real time.

One view for alerts

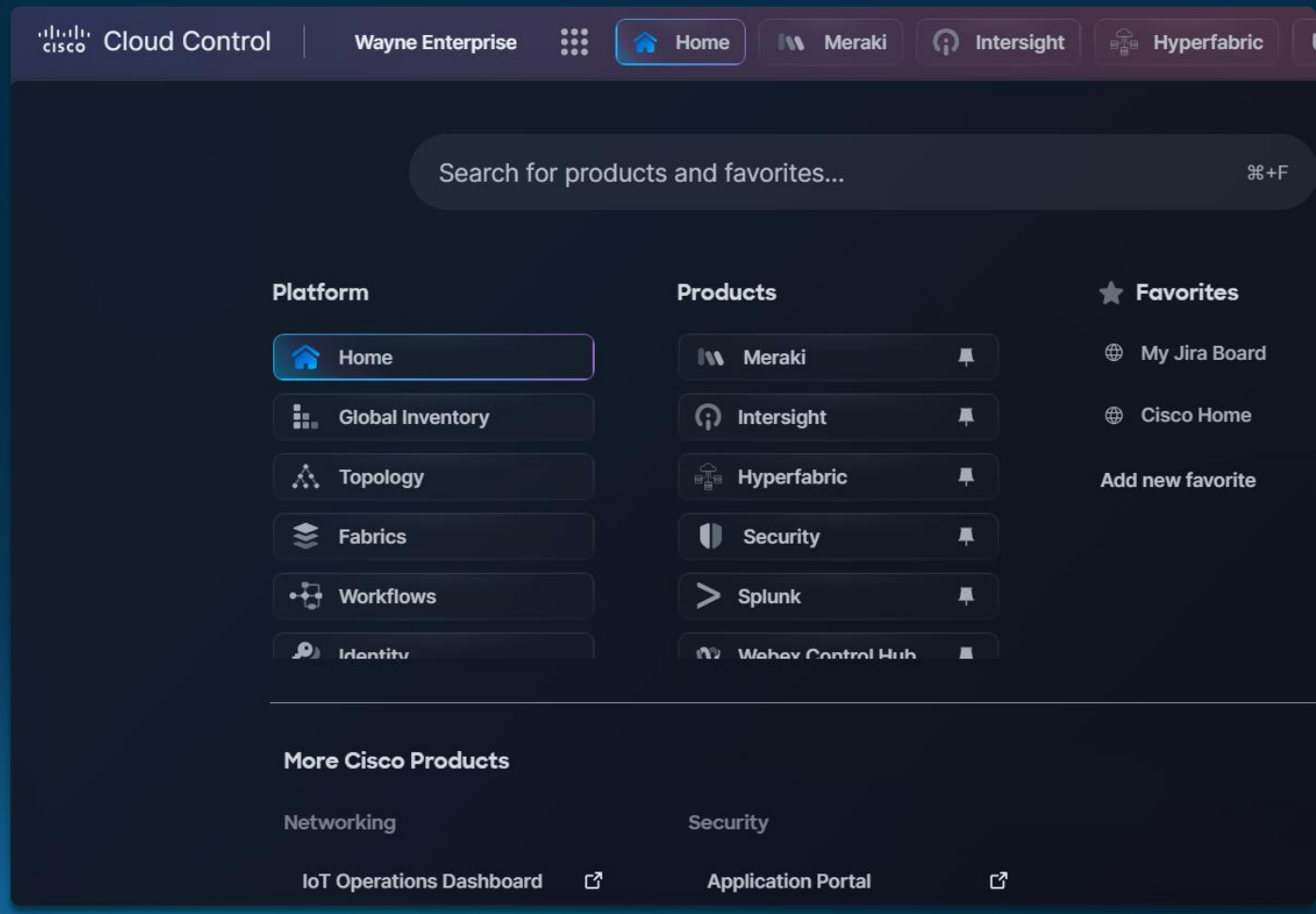
Actions correlates alerts across every product.

One assistant

Quick answers and tasks with AI Assistant.

One agentic workspace

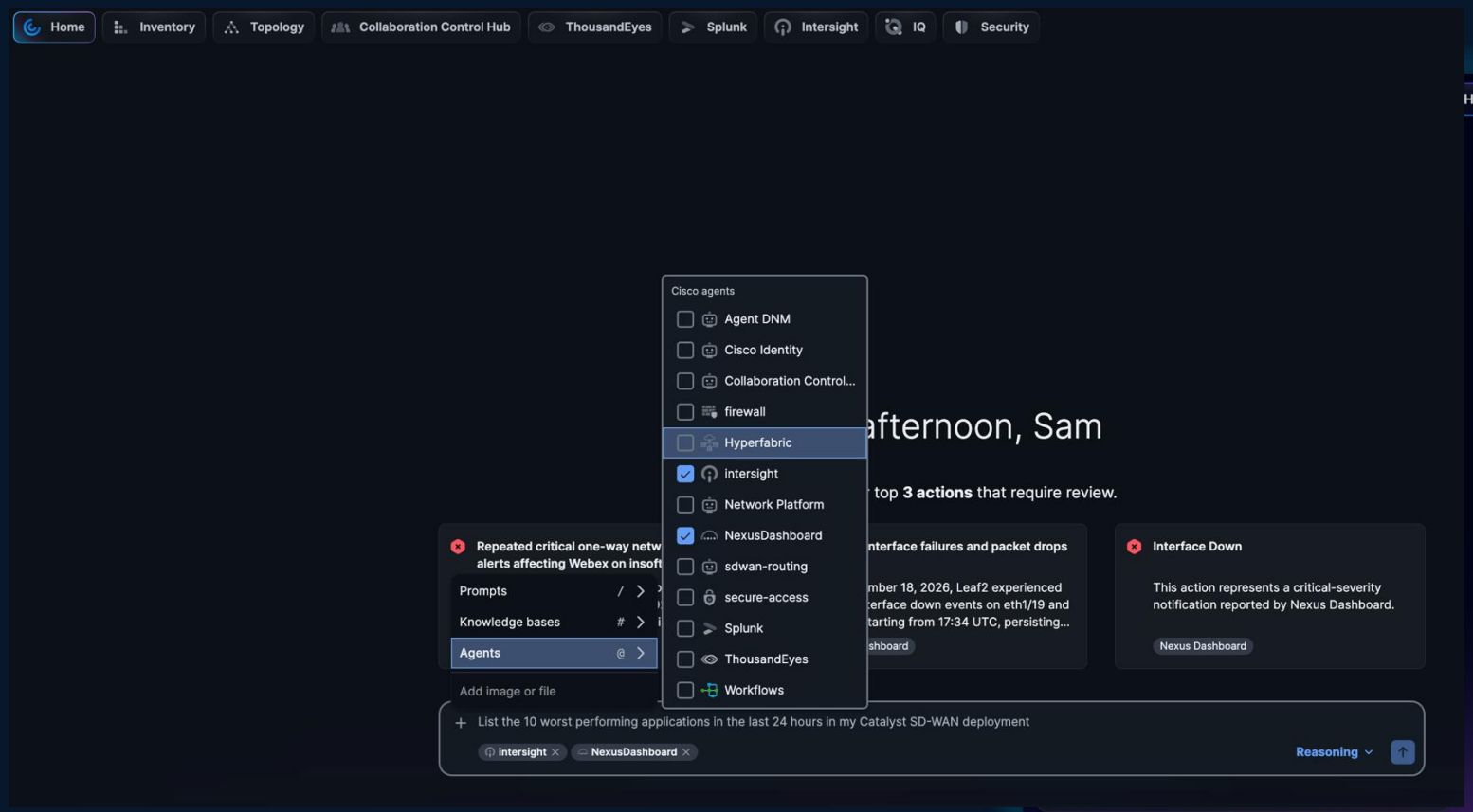
Investigate, execute and resolve with AI Canvas.

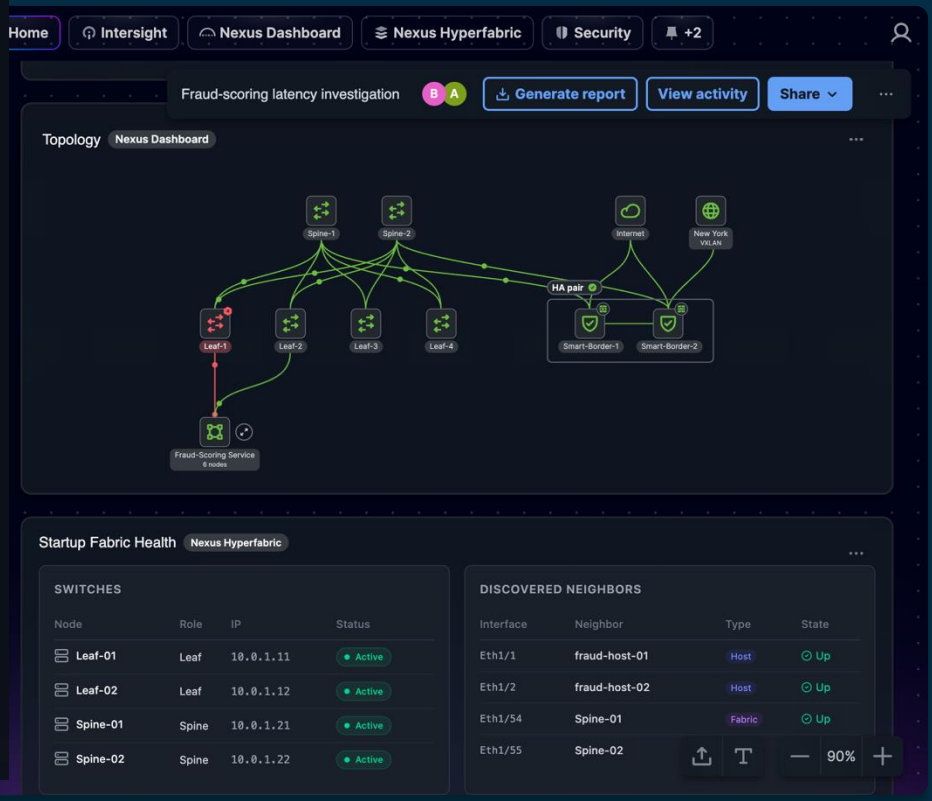


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The Multi-Domain 'Virtual CCIE Team'

Cisco AI Assistant





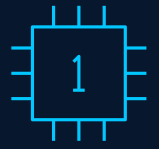
WHY AN AGENT ENSEMBLE BEATS A GENERIC CHATBOT:

- **Generic LLMs / Chatbots:** Guess based on public training data; require manual CLI gathering; operate in domain silos; cannot validate or simulate changes.
- **Cisco AgenticOps Agents:** Grounded in live Silicon One line-rate telemetry; cross-domain correlation (Nexus + Intersight + Security); simulated blast radius; 1-click governed execution

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The AgenticOps foundation

High-fidelity data for intelligent, proactive operations



Hardware-based telemetry

Provides granular, real-time "ground truth" data that allows AI agents to reason accurately and resolve issues before they impact applications



Identity-Native NetFlow

Adds critical workload context, enabling agents to distinguish between routine traffic and anomalous **behavior** across containerized and virtualized environments



Unified Fabric Insights

Delivers a holistic view of traffic patterns and anomalies, enabling end-to-end operational simplicity and reliability across the entire stack.

Silicon One™

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Data Center use cases

Quality of experience and troubleshooting

"Why is my app slow?"

AI Canvas correlates fabric anomalies from Nexus One with server health from Intersight to pinpoint root cause — whether it's a misconfigured VXLAN overlay, a congested spine link, or a failing server NIC.

Nexus One + Intersight

Fabric health and connectivity

"Is my fabric healthy?"

Proactive monitoring of BGP sessions, VXLAN tunnels, and link utilization across the DC fabric. AI agents detect drift, capacity issues, and recommend remediation before users are impacted.

Nexus One

Network performance correlation with AI jobs

"Is the network holding back my AI workloads?"

Correlate and optimize data center network performance for peak hardware utilization to minimize job completion times (JCT).

Nexus One

SKILLS POWERED BY DEEP NETWORK MODEL

Nexus One: Fabric Discovery & Topology • Health & Connectivity • Anomalies & advisories • AI Workload Observability • Network Analytics

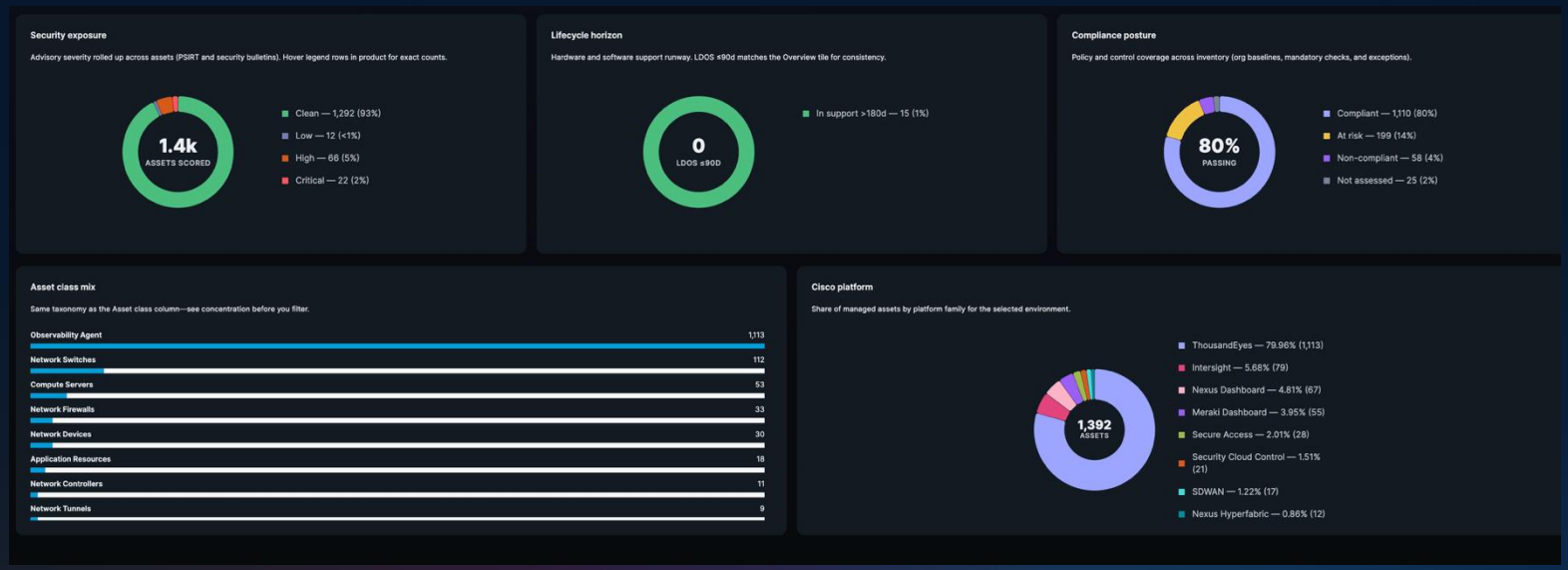
Intersight: Compute, networking & storage Inventory • **Change Correlation** (audit-record)

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Cross-Domain Inventory

Natural language discovery

Use conversational prompts to find devices, audit firmware, or locate capacity instantly across all domains.

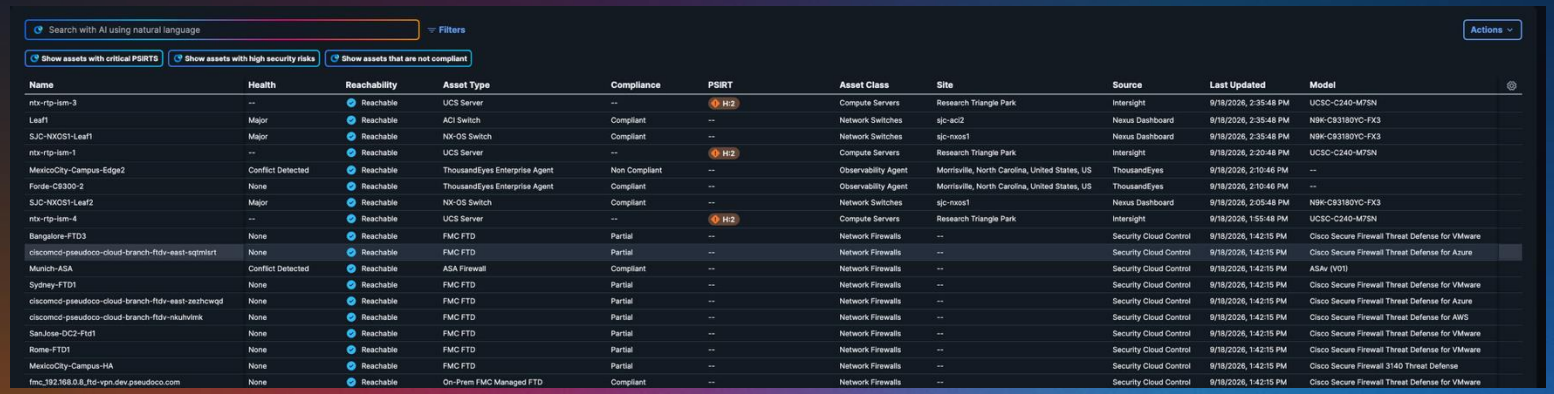


Hardware lifecycle tracking

Real-time visibility into power draw, thermal health, contract coverage, and LDOS milestones.

Full-stack normalization

Bridges Intersight compute, Nexus fabric, MDS storage, and Security into a single asset truth.



Automated compliance & drift

Detects firmware drift, configuration deviations, and vulnerability advisories across your fleet.

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AI-powered inventory insights

See which assets needs attention

Search like you think

Plain-language NLP search built in, no query syntax required.

Know what's wrong, instantly

Compliance signals (EoX, PSIRTs, Field Notices), config changes, asset class, ownership, and operational metadata, all per asset.

Filter by risk

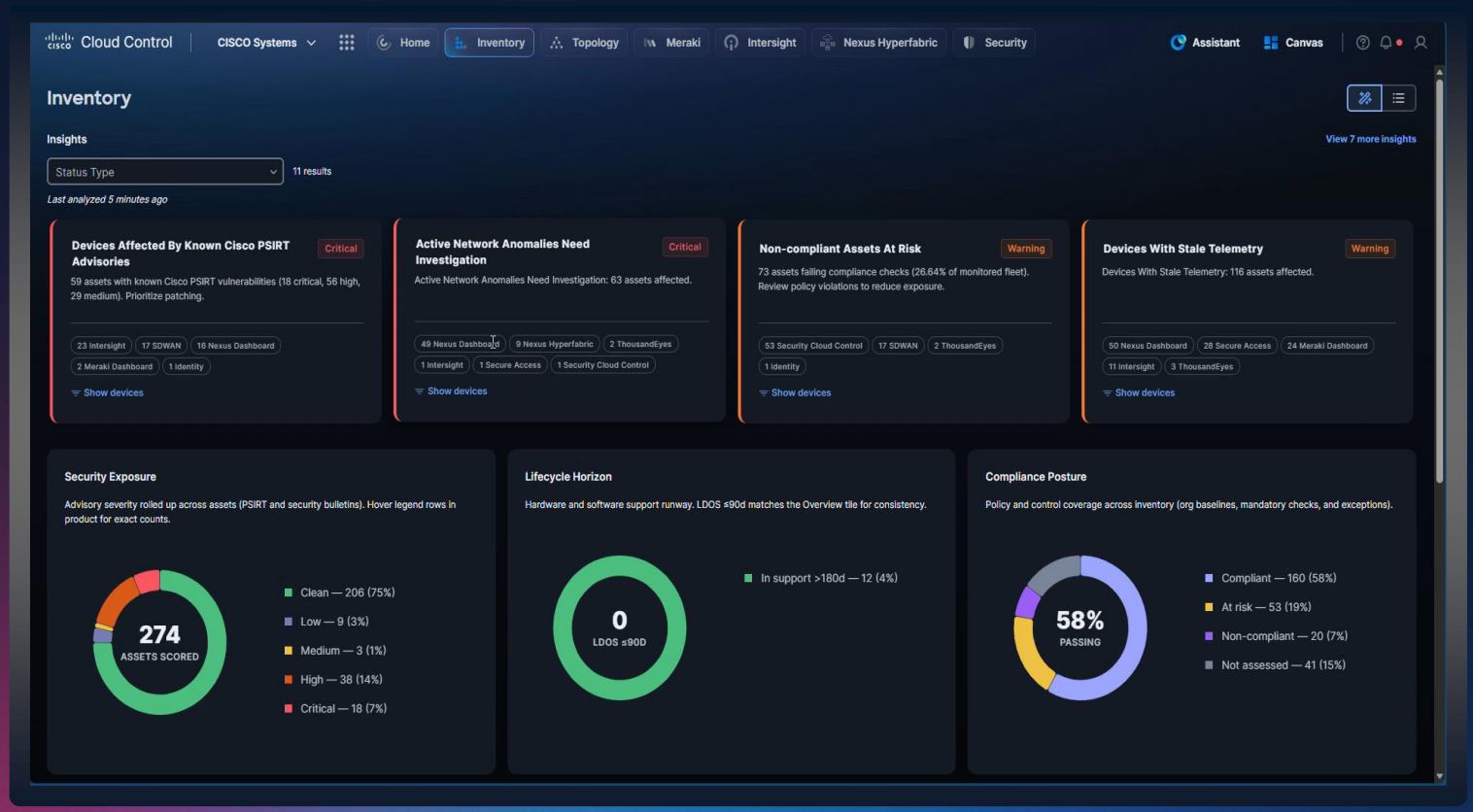
Use AI-powered search to find devices impacted by PSIRT, EoS, version drift, compliance.

Summary cards

Total assets, critical PSIRTs, EoS, stale.

Role-scoped export

CSV or PDF based on user permissions.



*Standard, out-of-the-box compliance policies only

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Unified topology

See every site, branch and device in one view

Topology types

Physical (L1), Logical (L2/L3), and Overlay*, with wireless and tunnels included.

Three zoom levels

Global overview, correlated mid-level, and controller deep-dive.

Real-time updates

Push APIs and Pub-Sub deliver state changes in seconds, no polling.

Your hierarchy, inherited

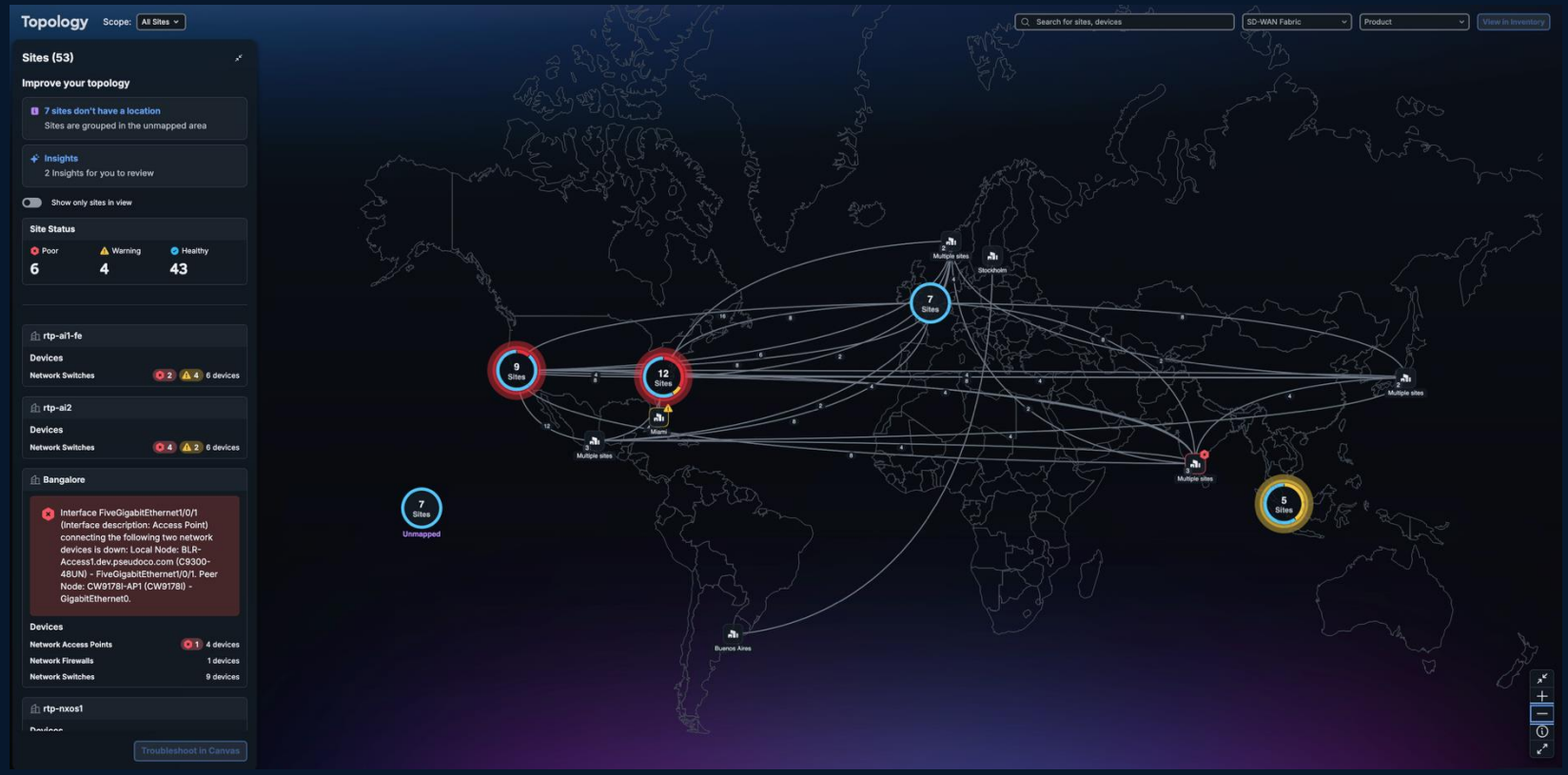
Tenant → Region → Site → Device Group, with attributes flowing down the tree.

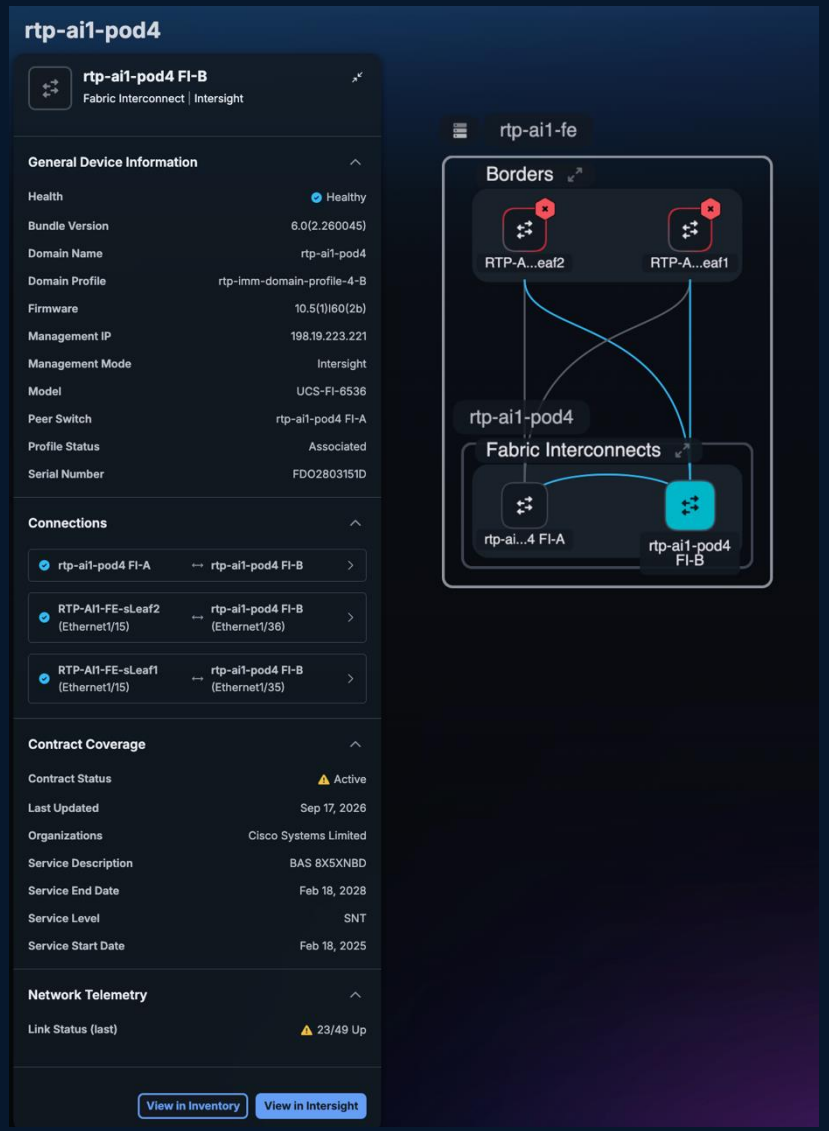


*Overlay (BGP-EVPN, SDA, ACI) coming soon.

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Unified topology





- Identify root cause, not symptoms - Correlated events across products surface what is actually happening
- See across boundaries - Trace dependencies across domains that siloed tools cannot connect
- Act with context - Every asset across every domain with live reachability, compliance signals, and vulnerability tracking

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Actions

Every alert, correlated and actionable

Alerts with answers

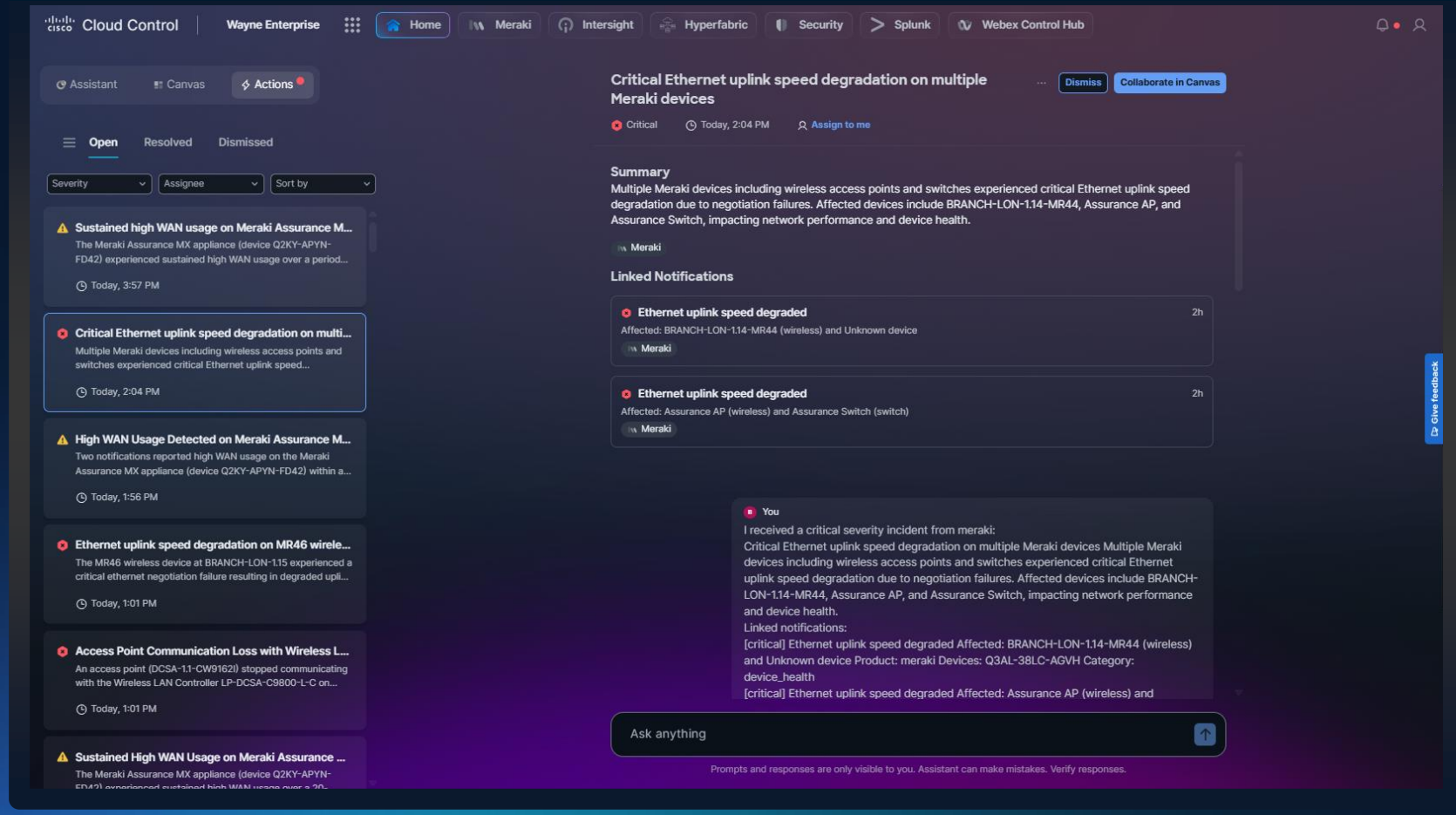
Alerts correlated across domains, paired with recommended next steps.

Personalized to how you operate

AI surfaces what matters most to you, today.

Investigate or escalate with AI

Dig deeper with the AI Assistant, or open AI Canvas with full context preserved.



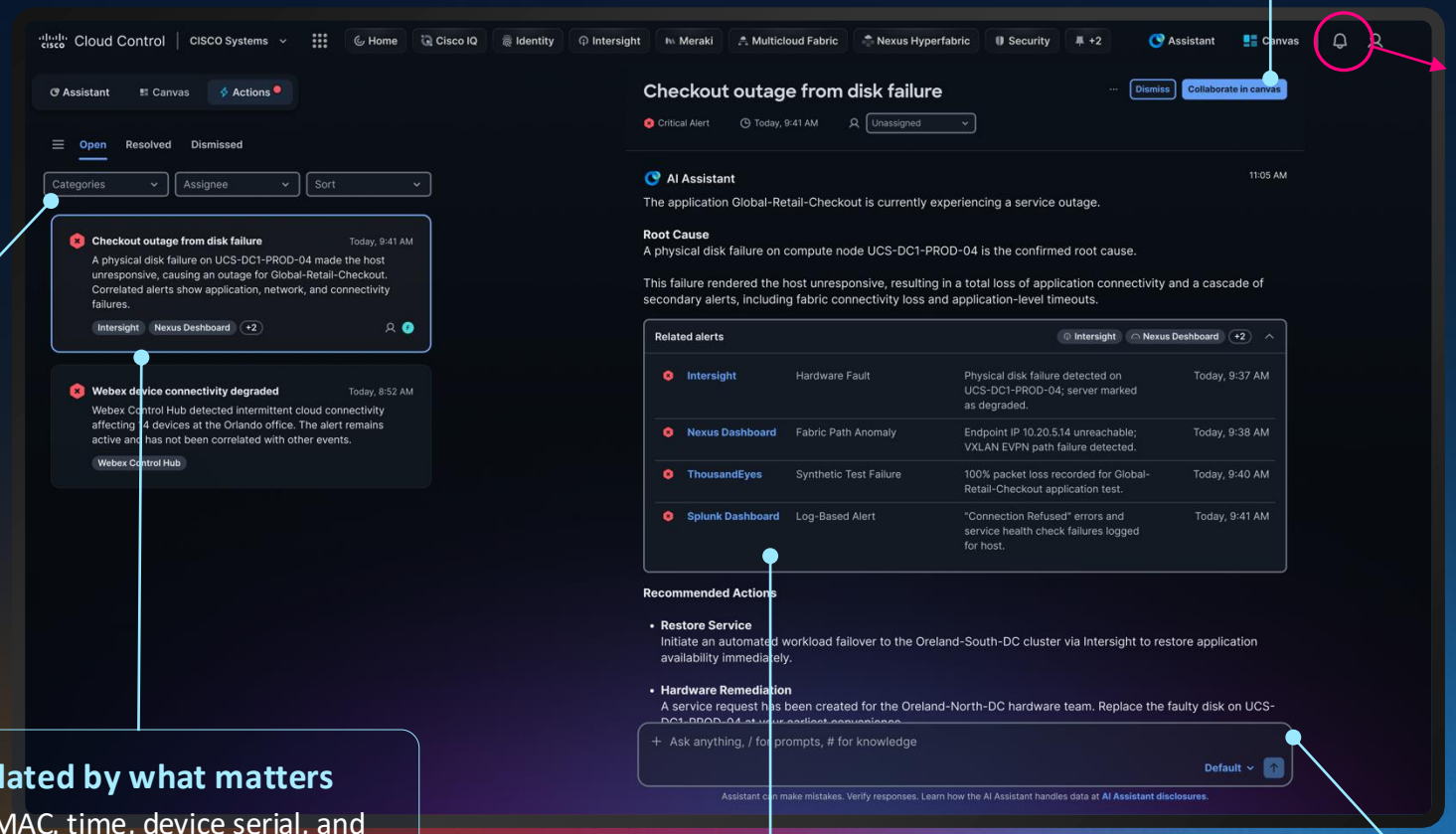
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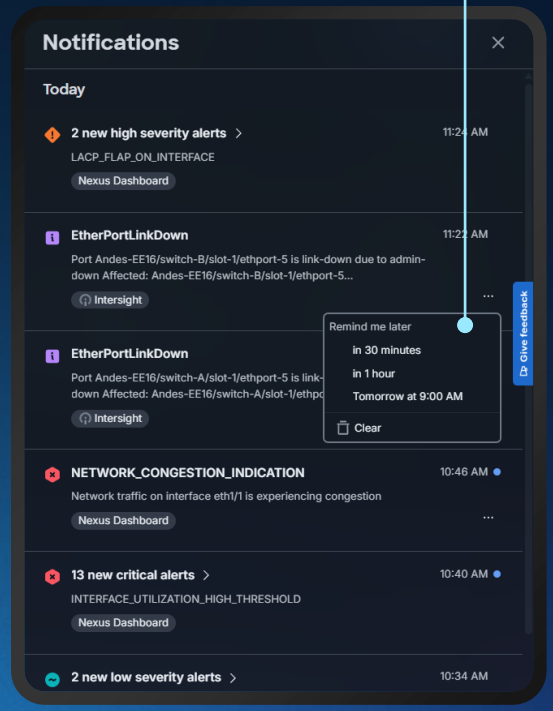
Correlated alerts, ownership and action tracking

Alerts and notifications

Troubleshoot in AI Canvas
Bring alert context into a workspace. Begin investigating.

Lifecycle states
The same across every controller — New, Read, Active, Snoozed, Dismissed, Resolved





Filter & sort
By alert severity and assignee.

Correlated by what matters
IP, site, MAC, time, device serial, and CVE/PSIRT ID.

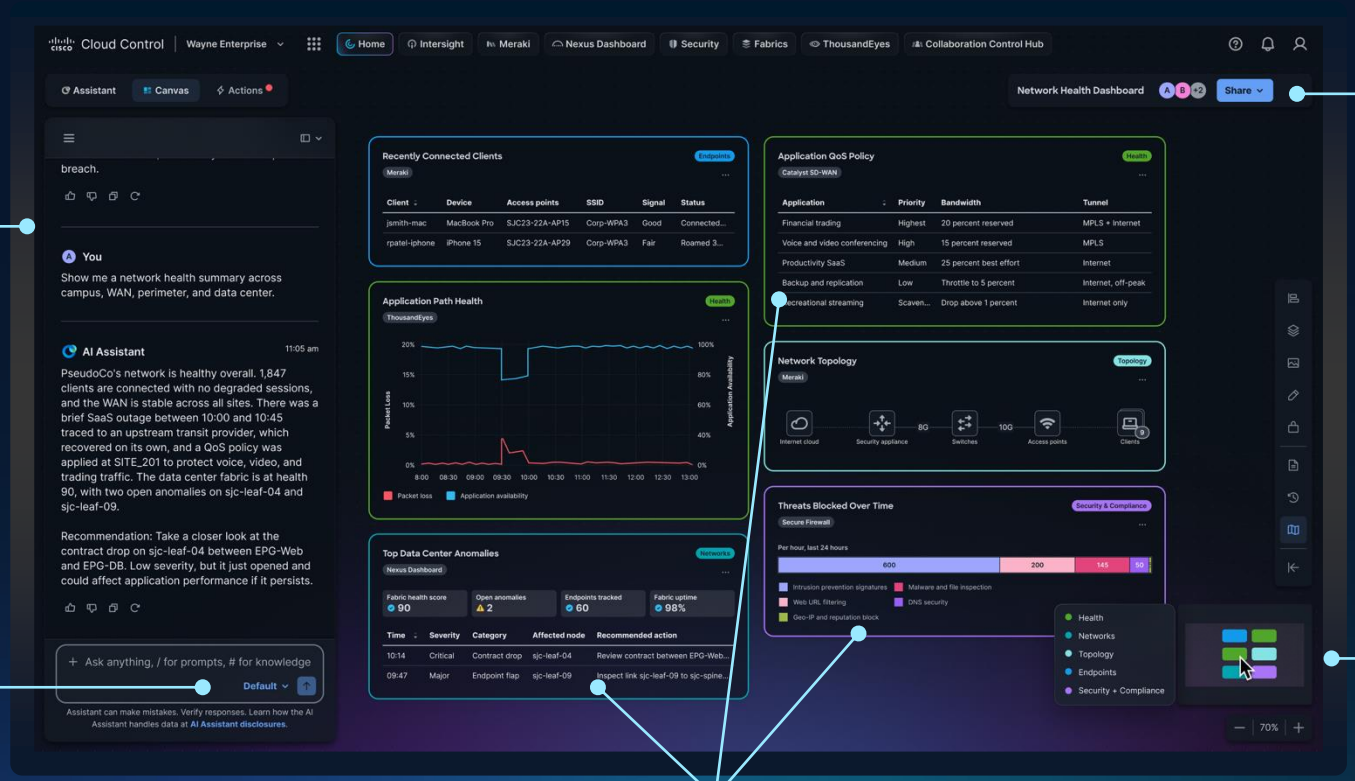
Investigate instantly
Click on an action and Assistant will begin the investigation

Ask follow-ups
Ask questions, for clarifications or explanations of the alert.

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AI Canvas

A workspace purpose-built for the operator



Conversational interface

- Ask questions in natural language
- Watch agents reason live

Agentic Modes

- Default for fast answers
- Reasoning for deep investigations

Multiplayer

- Share the board via link
- Everyone sees the same view

Board Organization

- Widgets color coded by category
- Mini-map for ease of navigation

Widgets

- Visualize topologies, charts, summaries, reports
- Drill into supported widgets to investigate further
- Export widgets as PDF

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A day in the NOC

Same incident, different operating model

Before

Multiple consoles, scattered context

- Users report poor call quality
- Login, collaboration experience management
- Login, check observability tool
- Login, check networking tool
- Manually correlate timestamps
- Escalate, war room, coordination
- **Resolved, hours later**

With Cloud Control

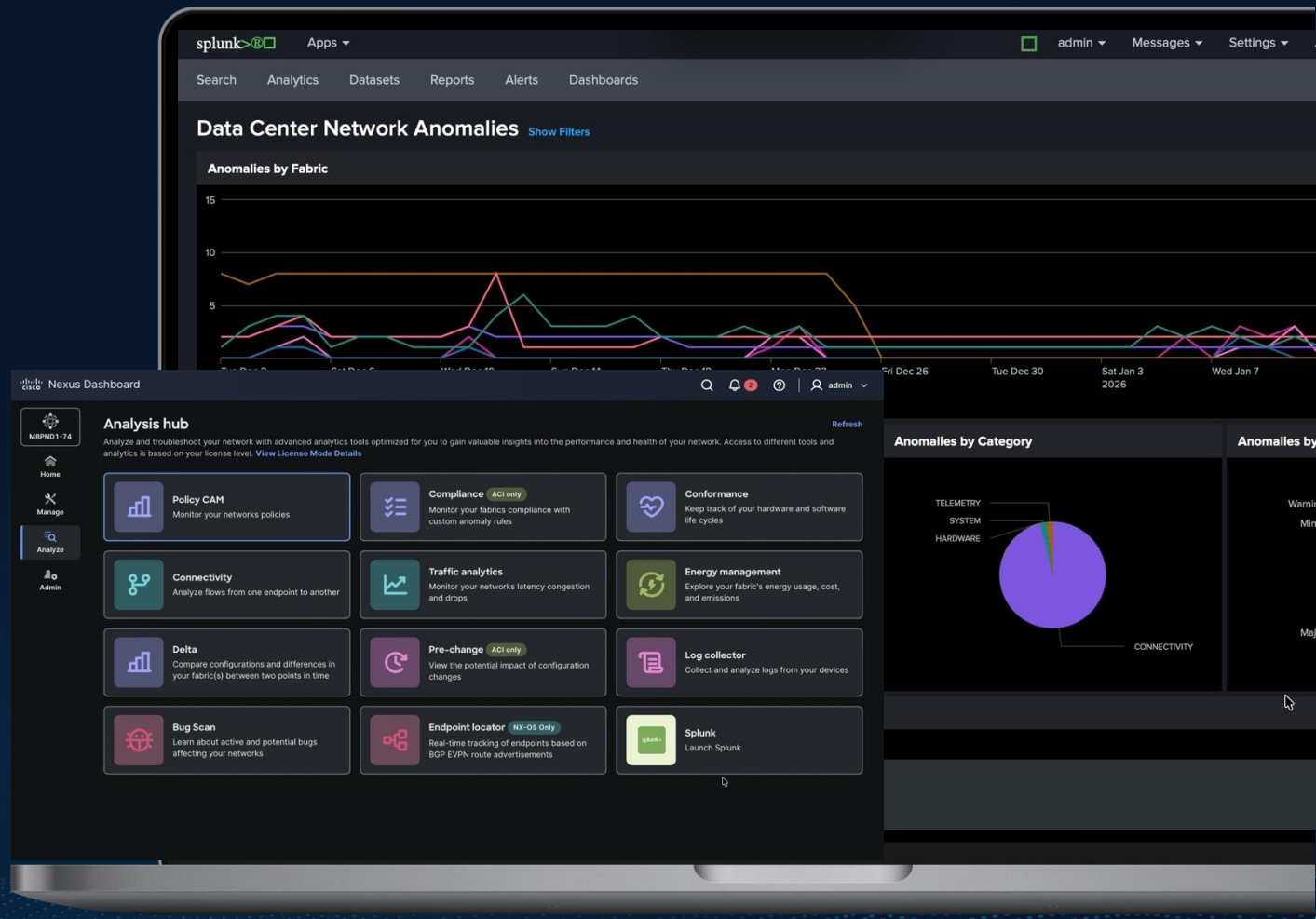
One platform, shared operational context

- Related alerts are surfaced as one correlated incident in Cloud Control
- From the alert, AI Canvas launches an investigation across domains
- AI Canvas suggests a fix. Operator approved. Agents executes and confirms.
- **Operator resolves in minutes**

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Unlock Network Intelligence Without Moving Data

Native Splunk in Nexus One



DISTRIBUTED ANALYTICS

FEDERATED SEARCH

FLEXIBLE DATA INGESTION

Faster Troubleshooting

Data Sovereignty

Reduced Cost

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NEW GA
AUG CY26

Splunk Agent Observability

Powered by Galileo - Observability for the agent lifecycle, from development through production

- **Accurate Evaluations**
- Evaluate agent, output, and RAG quality with high-accuracy evals and out-of-the-box and custom metrics.
- **Instant Visibility**
- See the root cause of errors in complex multi-agent workflows.
- **Runtime Guardrails**
- Leverage Luna SLMs for real-time guardrails. Block hallucinations, prompt injections, and safety violations.



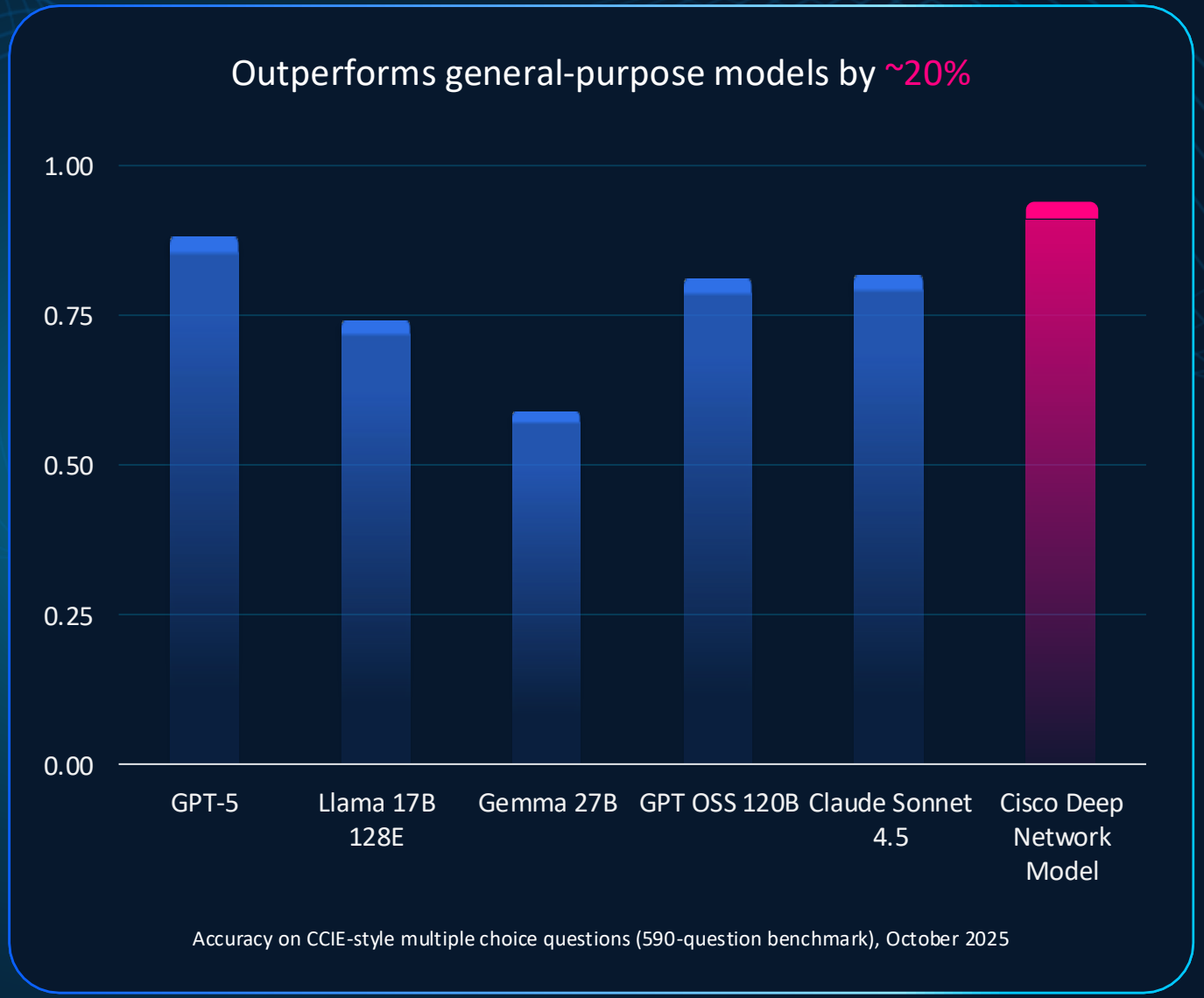
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Analyze more efficiently and accurately with

Cisco Deep Network Model

The most advanced networking AI model in the industry. Purpose-built for networking with multimodal capabilities and understanding of how real networks operate — how configurations interact, how policies propagate, how failures cascade.

- Fine-tuned on 40+ years of expertise and expert-vetted for accuracy
- More precise reasoning for troubleshooting, configuration, and automation
- Up to 5x fewer tool-calls for troubleshooting tasks; up to 3x lower latency for networking Q&A



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Marketplace in Cloud Control

One platform. Every tool you need

Fast time to value

Pre-built, ready-to-deploy solutions. Go live in minutes, not months.

Work with your existing tools

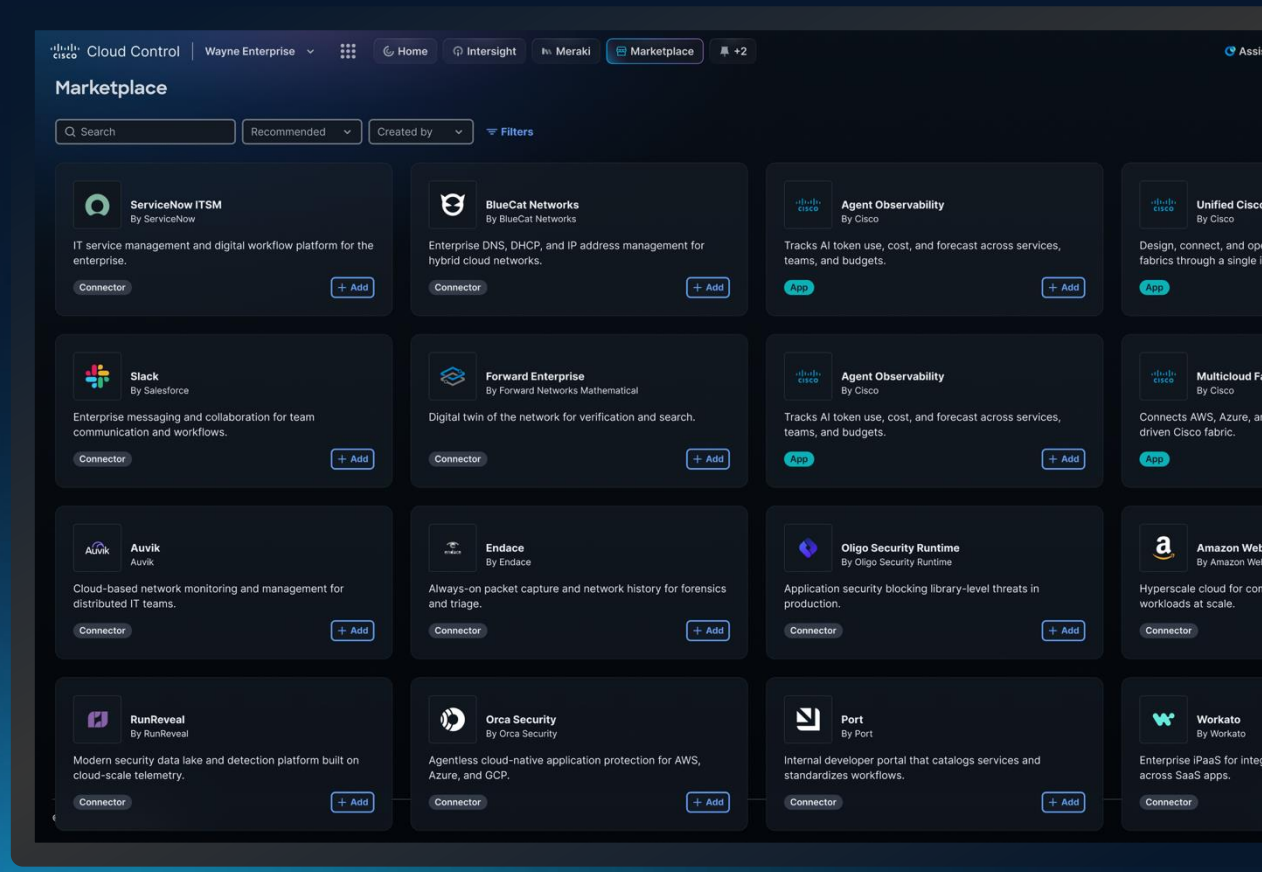
ServiceNow, Azure, Slack, Webex, and many more.

Built for your team

Solutions tailored for Network Admins, IT Ops, MSPs, and System Integrators

Trusted & secure

Admin-controlled installs, pre-deployment validation, and centralized alerts



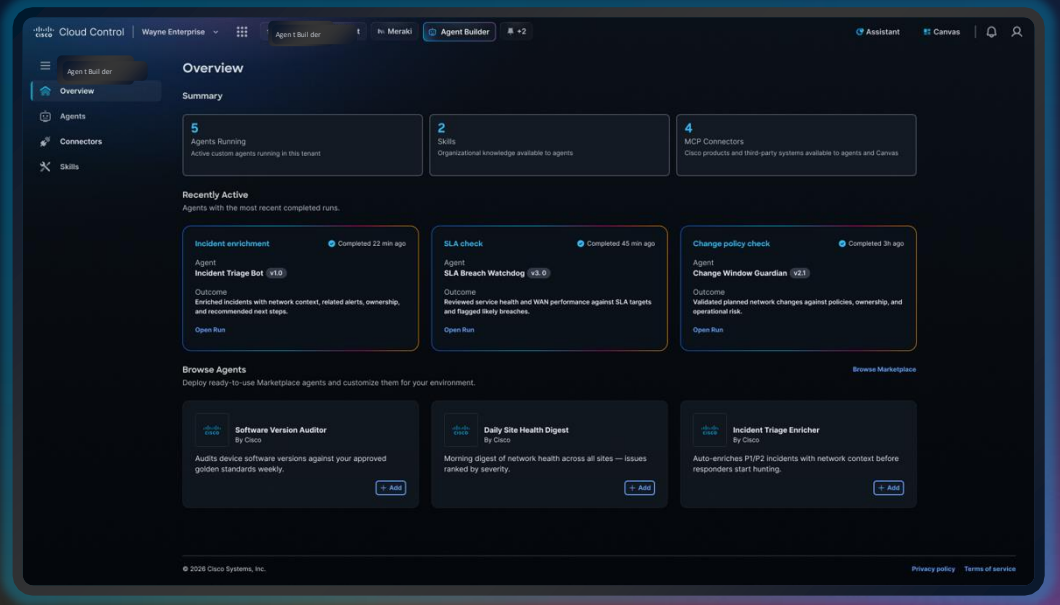
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Now in Alpha

Cloud Control Studio

Agent Builder

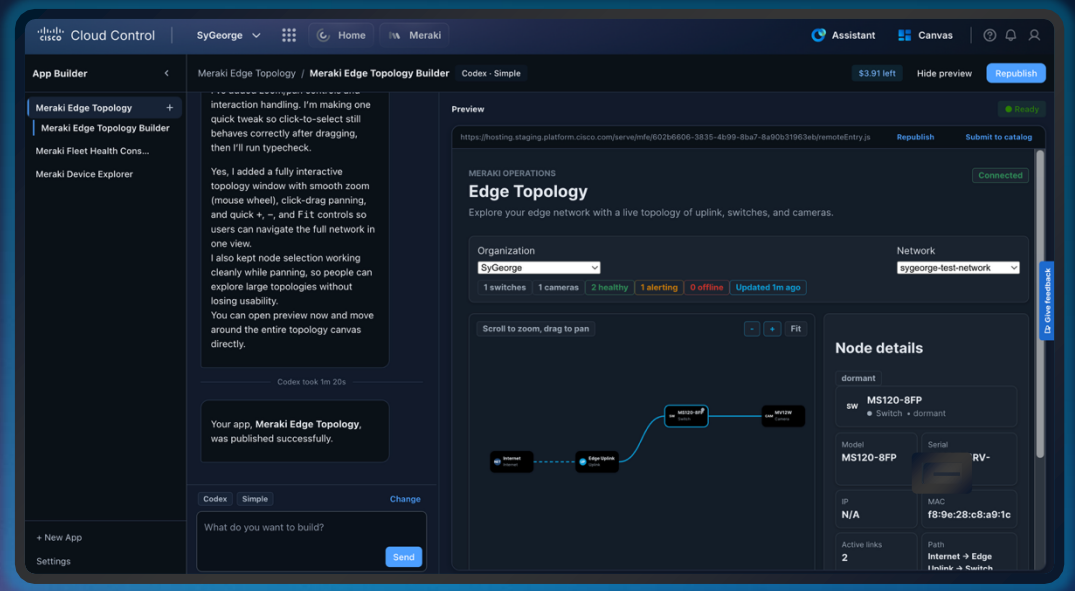
The build and design space for agents



Build, train, or bring your own agents.

App Builder

The build space for apps and workflows



Build apps quickly with OpenAI’s Codex

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Transforming operations for the AI era

Faster resolution (AI Canvas):

A shared, generative workspace where human operators and AI agents collaborate in real-time

Streamlined daily operations (AI Assistant):

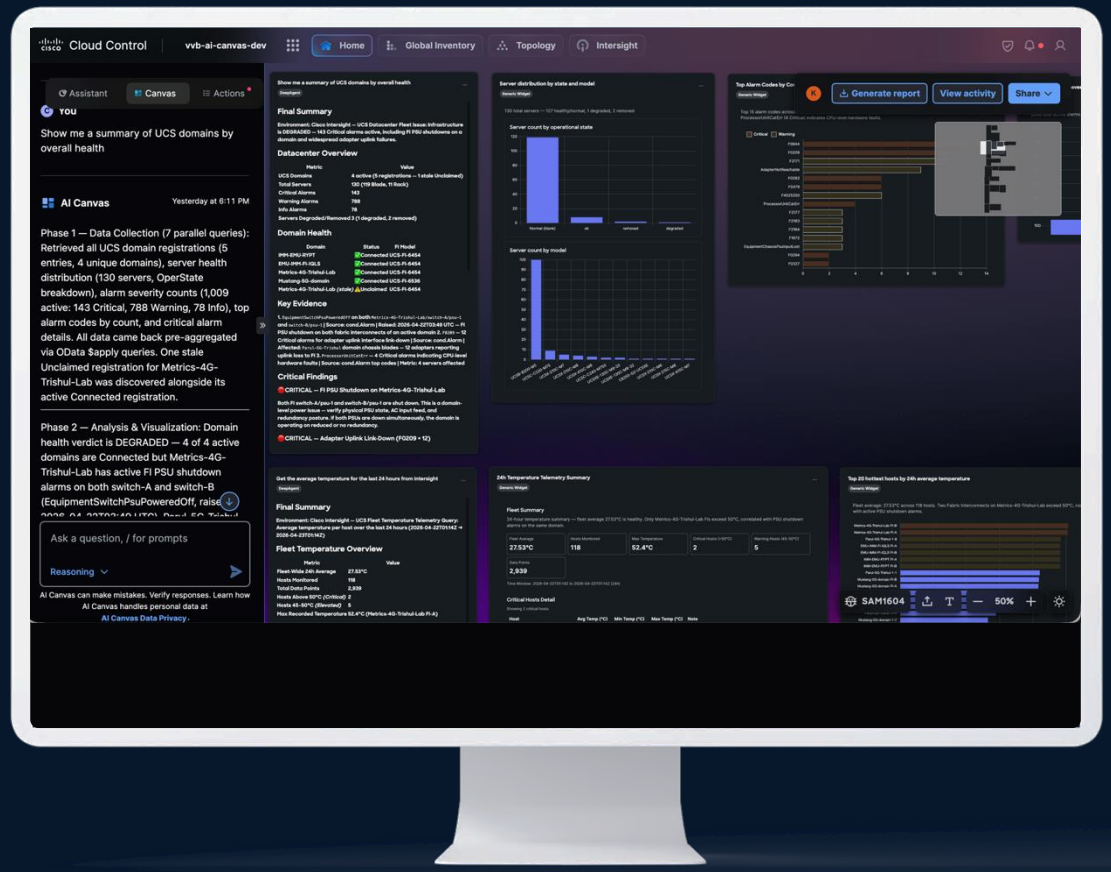
A natural language interface to instantly retrieve health status, analyze performance, and assess application impact

Governed execution:

Deploy AI agents that act with the full context of your organizational policies and runbooks

Unified control:

A single, consistent experience across compute, networking, and security



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Learn more about Cisco AgenticOps

Cisco Agentic Operations

Cisco Cloud Control: Unified Operations for Agentic IT | Cisco

At-a-glance: Cisco Cloud Control for Data Center

Sign up for Cloud Control: https://cloud.cisco.com/login

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CISCO Connect

Thank you

