

Cisco Cloud Control for Data Center

Product overview

Achieve hands-free operations with AgenticOps

An application slows down, and alerts flood in. Instead of spending hours pulling data from isolated dashboards and holding emergency bridge calls, your team uses Cisco Cloud Control for Data Center.

Cisco Cloud Control shifts your environment from manual monitoring to agentic execution. Powered by the Cisco Deep Network Model, our AI Canvas brings your network, compute, and security teams into one shared, generative workspace. Deep-reasoning agents actively hypothesize, test, and correlate data to find the root cause of an issue. The agents automatically eliminate clean domains from suspicion and

present a clear causal chain of evidence for a given issue. You get the precise intelligence to fix problems fast, while always keeping human experts in control of the final action.

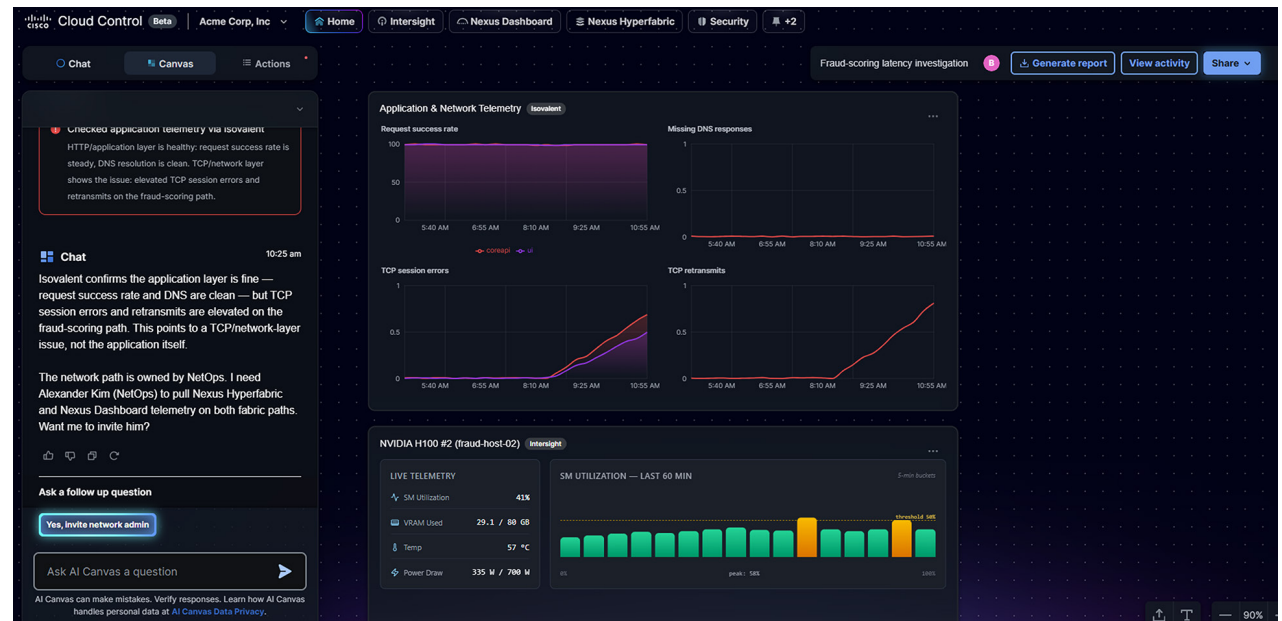


Figure 1. Cisco AI Canvas unites your domains and experts in a single workspace.

Benefits

- **Accelerate resolution times** with deep-reasoning AI agents that automatically test and correlate data across your network, compute, observability, and security domains.
- **Eliminate false alarms** by letting AI quickly reject healthy fault domains, keeping your engineering team focused on actual root causes.
- **Enhance team collaboration** using a shared workspace where experts join ongoing investigations with full context preserved.
- **Maintain operational control** through a human-in-the-loop design that ensures automated fixes stay strictly within your guardrails
- **Strengthen security posture** by deploying automated vulnerability remediation that scans, validates, and patches threats at machine speed, reducing your window of exposure.

“70% of enterprises will deploy agentic AI for IT ops by 2029.”

– Gartner, 2025

What it does

Shift from AI that assists to AI that operates

Cisco Cloud Control unifies your data-center management. It connects platforms such as Cisco Nexus[®] One with on-premises managed Cisco Nexus[®] Dashboard and cloud-managed Nexus Hyperfabric[™], and Cisco Intersight[®] into one cohesive operational model. When an incident occurs, the AI Canvas reads the ticket and builds a smart investigation plan.

Cisco Cloud Control allows you to:

- Run multistep investigations that track down complex performance issues across domains
- Work together in a multiplayer workspace that surfaces specific telemetry for different experts instantly
- Approve automated fixes securely using defined guardrails before execution

Deploy, monitor, and manage your fleet of autonomous agents, with full visibility into the actions that have been taken or recommended. Generic AI assistants just answer simple questions, but Cisco Cloud Control uses a purpose-built deep network model. It understands how complex configurations interact and how failures cascade, giving you precise, automated operations you can trust.

Learn more

Start optimizing your data-center operations today. Discover how deep-reasoning agents can eliminate operational blind spots and speed up your resolution times. Get the control you need with Cisco Cloud Control. Visit [Cisco Cloud Control](#) or contact your Cisco authorized partner to schedule a live demo.