

Cisco Unified Edge with Nutanix HCI

Secure and scale your distributed edge infrastructure

Is your infrastructure keeping pace with the demands of modern AI and real-time data processing at the edge? As you shift toward distributed environments, are latency issues, manual staging, and fragmented management tools creating operational drift and security risks? Traditional, centralized models simply cannot handle the scale and performance required for your remote locations, leading to costly truck rolls and inconsistent performance.

Cisco Unified Edge with Nutanix HCI solves these challenges by converging compute, networking, and virtualization into a single, modular system. It enables you to deploy AI-ready infrastructure with zero-touch provisioning and centralized lifecycle management. You gain the ability to secure your environment from the silicon to the hypervisor, ensuring a consistent, zero-trust posture across every site. Stop wrestling with fragmented edge management and start delivering the high-performance, secure experience your business requires to scale.

Benefits

- Eliminate latency for real-time edge AI and operational workloads: run AI inference and operational workloads locally on Cisco® Unified Edge with GPU-ready infrastructure powered by Intel® Xeon® 6 processors and Nutanix HCI, ensuring low latency, predictable performance, and efficient resource utilization
- Accelerate remote site deployment without manual truck rolls: provision, deploy, and scale edge clusters remotely using Cisco Intersight® integrated with Nutanix Prism Central automating day-0 to day-2 operations and eliminating manual staging, truck rolls, and deployment delays
- Reduce operational complexity with unified, end-to-end infrastructure visibility: gain a unified view across infrastructure and virtualization through Cisco Intersight and Nutanix Prism Central, providing real-time telemetry, health monitoring, and proactive insights for consistent operations at scale
- Mitigate security risks at the edge with built-in protection: protect workloads with Cisco Unified Edge hardware-rooted security, secure boot, and tamper detection integrated with Intersight, combined with Nutanix Acropolis Hypervisor's (AHV's) built-in cluster resilience, ensuring a consistent, zero-trust security posture across all edge locations

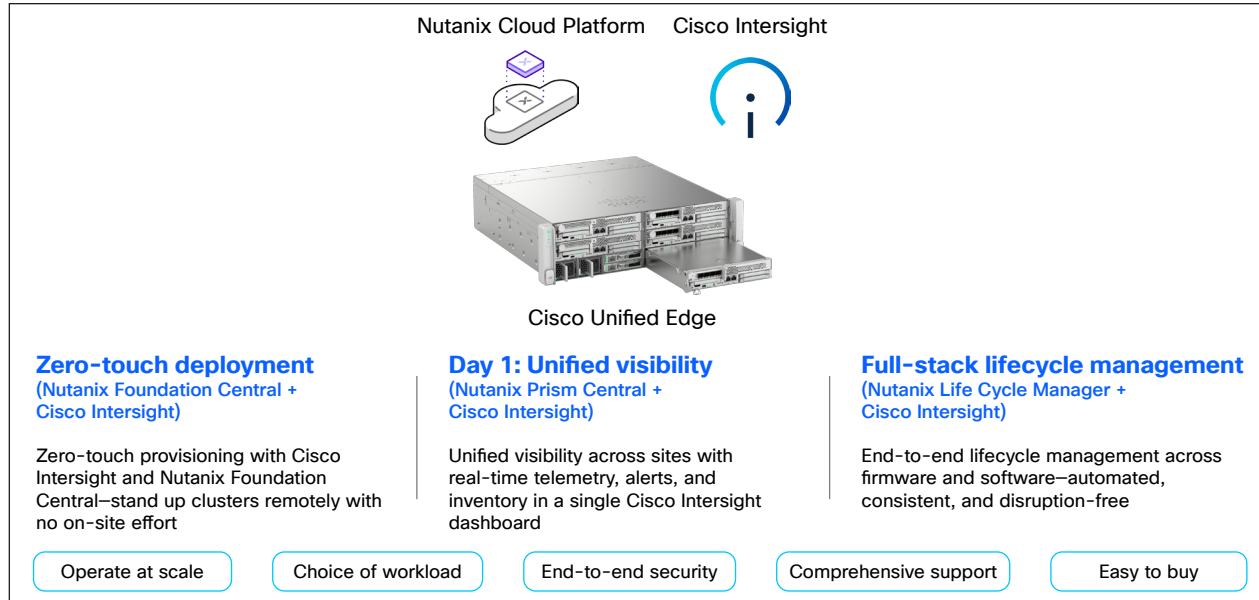


Figure 1. Cisco Unified Edge with Nutanix HCI: a fully co-engineered ecosystem

Simplify edge operations with a unified platform

Cisco Unified Edge with Nutanix HCI is a unified platform purpose-built for edge environments.

It enables you to:

- Deploy Nutanix HCI clusters remotely with zero-touch provisioning using Cisco Intersight
- Run AI inference and virtualized workloads on the same GPU-ready HCI platform with predictable performance
- Manage hardware and hypervisor lifecycle together with coordinated firmware and software updates
- Gain real-time visibility into infrastructure and cluster health through a unified cloud-based control plane and the seamless integration of Cisco Intersight with Nutanix Prism Central
- Secure edge environments with hardware root of trust, tamper detection, and hypervisor-level isolation

Unlike traditional edge architectures that require multiple tools and manual coordination, this solution delivers a fully integrated, lifecycle-aware platform where compute, virtualization, and security operate as a single system, reducing risk, cost, and operational overhead at scale.



Learn more

[Cisco Unified Edge with Nutanix.](#)