

Centralized DDI control for distributed networks

Get SaaS-based orchestration and local execution to modernize DNS, DHCP, and IPAM

Distributed networks need centralized DDI control

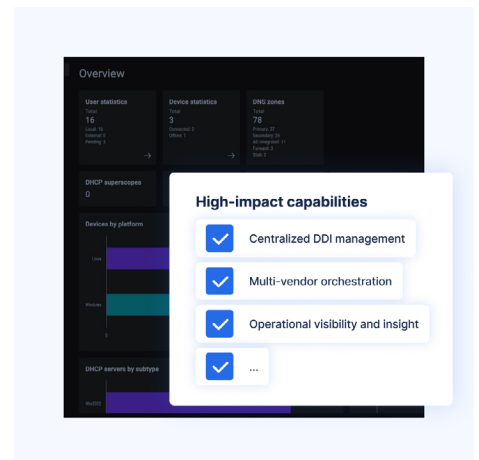
Modern network environments are increasingly distributed across on-premises infrastructure, branch locations, and multiple cloud platforms. While DNS, DHCP, and IP address management (together known as DDI) remain foundational to network availability and security, many organizations still rely on appliance-bound tools and siloed point solutions to operate them. This fragmentation introduces operational risk, inconsistent governance, and slow response when issues occur.

At the same time, network teams are under pressure to modernize with software-as-a-service (SaaS) tools—without migrating critical infrastructure or centralizing sensitive operational data. Network operators need a way to centralize DDI control and automation while preserving local execution, performance, resiliency, and data sovereignty across hybrid environments.

The solution: BlueCat Horizon

BlueCat Horizon is a SaaS-based orchestration and control plane for DDI that centralizes policy, identity, reporting, and automation across heterogeneous environments. Using lightweight agents and service points, Horizon connects existing DNS, DHCP, and IP address management (IPAM) systems and applies consistent governance without forcing infrastructure replacement or disruptive migrations. Where performance and resiliency matter, services continue to execute locally, while Horizon selectively surfaces metadata required for centralized insight and coordination. Built-in reporting provides immediate operational visibility, and bi-directional orchestration ensures safe, auditable change across environments.

Horizon is designed as a long-lived platform for intelligent network operations that delivers immediate value for DDI management today. It establishes a foundation for advanced DNS services, observability, and AI-assisted operations over time—all without re-architecting the network.



Benefits

- ✓ **Fast, low-risk adoption**
Quickly stand up SaaS orchestration while keeping your existing DDI infrastructure intact.
- ✓ **Unified governance across environments**
Apply consistent identities, policies, and workflows across hybrid and cloud deployments.
- ✓ **Resilient by design**
Maintain local execution for continuity and performance during WAN or cloud disruption.
- ✓ **Future-ready foundation**
Adopt a platform that expands into advanced services without replatforming.

Features



DDI orchestrator

Horizon orchestrates DDI lifecycle and policy management through a shared control plane while allowing services to continue operating locally. This approach reduces operational risk, preserves native workflows where required, and enables safe modernization without consolidation mandates.



Agent connectivity

Lightweight agents securely connect on-premises, branch, and cloud environments using outbound-only communication. Horizon can orchestrate policy and synchronize states while preserving local execution for performance, resiliency, and data sovereignty.



Bi-directional synchronization

Horizon maintains alignment between the control plane and connected systems through bi-directional synchronization. Changes applied centrally or locally are reconciled automatically, ensuring consistent states, auditability, and safe operations across distributed environments.



Built-in reporting

Create and export reports for IP utilization, DHCP lease activity, and configuration changes directly within Horizon. Reporting uses selectively surfaced metadata from connected systems and is included as a core platform capability—without additional licenses or centralized data ingestion.

BlueCat's Intelligent Network Operations (NetOps) solutions provide the analytics and intelligence needed to enable, optimize, and secure the network to achieve business goals. With an Intelligent NetOps suite, organizations can more easily change and modernize the network as business requirements demand.

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Next steps

Discover how you can modernize your DDI with SaaS-based orchestration and local execution.

[Learn more](#)

