

Alkira MCP: AI-Powered Access to Your Network Data

Executive Summary

Modern NetOps is slowed by siloed telemetry, fragmented insight, and configuration data that lives in spreadsheets and requires manual upkeep—making it hard for teams to get quick, trusted answers to act safely. Alkira MCP exposes your Alkira network fabric as Model Context Protocol (MCP) tools any compliant AI agent can call, so Claude, ChatGPT, Copilot, Gemini, or your in-house LLM can ask in natural language, retrieve governed, authoritative network intelligence, and execute actions with policy guardrails and full audit trails. MCP builds on what you already use—Alkira Portal, REST API, and Terraform—so AI augments existing automation. Net result: AI-assisted NetOps where intent is expressed in plain English and Alkira executes safely on a network you consume, not build.

What it Does



Ask (plain English): Any MCP-compliant AI agent (Claude, ChatGPT, Copilot, Gemini, or in-house) can query Alkira’s unified control plane without custom connectors.



Know (governed answers): Returns one consistent source of truth across clouds, regions, and data centers—answers respect segmentation, RBAC, and policy.



Act (with guardrails): Move from “ask” to approved actions—investigate anomalies, validate policy, check capacity, or propose a change—while preserving change control.



Verify (full traceability): Every question and action is least-privilege and fully auditable, with policy guardrails enforced end-to-end.

Key Pain Points Solved for Customers

End-to-End Network Visibility

Because Alkira operates as a unified control plane, the MCP integration doesn't just expose siloed metrics. It surfaces complete network intelligence across all regions, clouds, and data centers—delivering a single, consistent source of truth for AI-driven insights.

With Alkira MCP integration, the power of network data is no longer limited to network engineers. Operations teams can now easily query usage details, security teams can validate policy compliance, and check health and capacity—all by simply asking questions in plain English. This democratization of insights empowers every team member to contribute to network management, fostering a sense of inclusion and value.

Accelerated Troubleshooting and Decision-Making

With AI agents built on the MCP integration, teams can quickly answer “why” questions, highlight anomalies, and shorten mean-time-to-resolution. Instead of spending hours combing through logs and APIs, they can get contextual, actionable insights in seconds. This speed and efficiency in troubleshooting and decision-making can make your team feel more productive and in control.

Secure and Governed by Design

MCP integration inherits Alkira's role-based access controls, auditing, and security policies. Customers can safely empower more users to explore network data without compromising governance or compliance.

Future-Proof Integration

Every organization will adopt AI differently. MCP integration ensures flexibility by working with today's most popular AI platforms and those to come—avoiding lock-in and protecting customer choice. This future-proof integration can give you peace of mind and confidence in your investment, knowing that your network intelligence will always be up-to-date and adaptable.



Use Cases in Action

- “Which routes between my US and EU regions are not following the expected policy?”
- “Show me health details of a specific connector.”
- “List all ipsec connectors with specific encryption.”
- “Where are we approaching capacity thresholds?”

Each of these queries can be answered instantly by agents or copilots powered by Alkira MCP integration accelerating collaboration, and unlocking new business value.

AI-Augmented NetOps Built for the AI Era and Beyond

Alkira delivers a **secure and hyper-agile Network Infrastructure-as-a-Service (NlaaS) fabric** that snaps onto any AI data centers, clouds, and edge sites in minutes, then uses AI to **summarize, recommend, and simulate**—while you stay in control and the fabric **verifies**. Alkira MCP enhances this vision, helping network teams leverage AI agents they already trust by integrating Alkira into the tools they use to express intent in natural language while Alkira executes safely.

Docs & quickstart:

<https://github.com/alkiranet/mcp-alkira/>



About Alkira

Alkira, a Lumen Connect solution, is the on-demand platform that connects every cloud, site, partner, and AI workload with agility and simplicity. No hardware to deploy, software to manage, or capacity planning required. The Alkira solution is trusted by Fortune 100 enterprises, leading system integrators, and global managed service providers. Learn more at alkira.com and follow us @alkiranet.

