

MCP SERVER

NO CODE

CLOUD HOSTED

Freightview MCP

Quote rates and track shipments conversationally.

Freightview MCP automates complex LTL (Less-Than-Truckload) freight quoting and logistics management directly through your AI agent. Compare real-time rates from dozens of carriers instantly, track active shipments across the network, and manage carrier contacts all in one conversation. It centralizes visibility for shippers who need to run a whole supply chain operation without leaving their chat window.

A+ Quality Score 100/100

freight-quoting

shipment-tracking

logistics-management

ltl-shipping

carrier-management

supply-chain



The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.

— Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

`https://edge.vinkius.com/{token}/mcp`

Claude



Cursor



VS Code



Windsurf



Grok



Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1)
Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

Get started at cloud.vinkius.com — connect your AI agent in under 60 seconds.

Freightview MCP

12 tools available

Cloud-hosted on Vinkius

Managing freight used to mean jumping between rate portals, carrier sites, and tracking dashboards. Now, this MCP connects your AI agent directly to the Freightview platform, letting you manage LTL logistics conversationally. Instead of manually logging into multiple accounts or copy-pasting origin/destination pairs, you just ask for rates for a specific pallet load and get immediate pricing from all connected carriers simultaneously. You can list every active shipment, pull up historical quotes for cost analysis, or even quickly access your saved address book details to speed up the next job.

This centralized capability means your AI client handles the complex data retrieval—checking carrier connections, pulling account metadata, and listing common items you ship. When you connect this MCP via Vinkius, your agent knows how to manage your entire logistics network using simple commands. You get a full operational view of everything from monitoring active webhooks for status alerts to overseeing all connected partners.

Core Capabilities

01 — Compare real-time carrier rates

Send origin and destination details to instantly request freight pricing from every connected logistics partner.

03 — List all carriers

Display a complete list of every carrier connected to your account in one view.

05 — Retrieve historical records

Fetch previous quotes or shipment data to analyze costs and performance over time.

02 — Track active shipments

Retrieve detailed tracking metadata for any shipment, showing current status and estimated delivery dates.

04 — Manage logistics contacts

Pull up and review contact details for specific people or departments within the shipping chain.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/freightview — connect your AI agent in three steps.

- 01** Subscribe to this MCP through the Vinkius Marketplace, then input your unique Freightview User Key and Account Key.
- 02** Your AI client sends a natural language request (e.g., 'What's the rate from Chicago to Miami?').
- 03** The MCP uses its tools to access real-time data across all connected carriers and returns comprehensive pricing or tracking status directly to your conversation.

The bottom line is, you tell your agent what freight task needs doing, and it handles the connection details and data retrieval from Freightview.

Built For

This MCP is for supply chain managers and logistics coordinators who spend too much time switching between multiple carrier portals just to get a rate or tracking update. It's built for the person whose day involves rapid, high-volume decision-making based on real-time data.

Logistics Coordinator

Using this MCP, they request rates from multiple carriers at once and list shipments to keep track of daily outbound freight without logging into separate portals.

Supply Chain Manager

They pull up account metadata and check the status of all connected carriers to gauge overall performance and identify bottlenecks immediately.

E-commerce Operations Specialist

When handling customer support, they automate the retrieval of freight quotes and tracking information right inside their communication tool.

What Changes When You Connect

-
- 01 Instant rate comparisons: Instead of checking carrier websites one by one, just asking your agent to 'request_rates' gets pricing from all connected carriers instantly. You save hours on simple quotes.

 - 02 Full visibility into partners: Use 'list_connected_carriers' and 'get_carrier_details' to keep a clean directory of every logistics partner you work with, ensuring no one falls through the cracks.

 - 03 Tracking without friction: Simply asking your agent for shipments lets it run 'list_shipments' or 'get_shipment_details'. You get real-time status updates and tracking history without opening a dashboard.

 - 04 Better cost analysis: The ability to view 'list_freight_quotes' means you can pull up historical data quickly. This helps you negotiate better rates and track your spending patterns.

 - 05 Smarter quoting setup: When dealing with new jobs, using 'list_address_book' ensures you are always working with accurate saved locations, cutting down on input errors.
-

Real-World Applications

Need to compare rates for a high-volume shipment.

A logistics coordinator needs quotes from five different carriers across three states. Instead of logging into five separate sites and filling out forms, they simply prompt their agent: 'request_rates for 60601 to 90210.' The MCP runs the quote through all connected partners instantly.

Tracking multiple pending orders.

An e-commerce manager needs to know if three different shipments are delayed. They ask their agent to 'list_shipments' and then follow up with 'get_shipment_details' for the problematic ones, getting current transit status without any manual lookup.

Auditing past costs.

A supply chain manager needs to justify a rate increase to finance. They ask their agent to 'list_freight_quotes', retrieving historical data and details that prove the current market variance.

Updating vendor records quickly.

An ops specialist learns a key contact at an active carrier changed numbers. Using 'get_carrier_details' allows them to confirm the latest information right through their AI chat interface.

Patterns to Avoid

Trying to guess rates or tracking status.**X AVOID**

A user manually checks carrier websites and then tries to piece together a single timeline of events, resulting in conflicting data points and wasted time.

✓ INSTEAD

Always use the MCP's 'list_shipments' tool first. It aggregates current statuses across all connected carriers into one conversation thread. Then follow up with 'get_shipment_details' for specifics.

Forgetting key location data.**X AVOID**

A coordinator manually types in addresses, risking typos or using outdated postal codes which delays the entire quoting process.

✓ INSTEAD

Start by calling 'list_address_book'. This tool pulls from saved locations, ensuring your agent uses verified and accurate addresses for every quote request.

Overlooking connectivity status.**X AVOID**

A manager assumes a carrier is available because they used it last month, but the account may have been deactivated or needs specific credentials to run quotes.

✓ INSTEAD

Always use 'list_connected_carriers' first. This confirms which partners are currently linked and ready for rate requests before you waste time submitting an invalid quote.

The Right Fit

Use this MCP if your job requires comparing rates from multiple, diverse carriers in a single workflow, or if tracking shipment status is part of your daily routine. You need a system that pulls data from many different sources and presents it conversationally.

Don't use this if you only manage one specific carrier account or if

your process involves physical inspections (e.g., checking freight dimensions in person). For single-vendor management, a simple API key connection might suffice. However, because Freightview handles the integration of dozens of partners, using 'list_connected_carriers' ensures you get maximum coverage—it's built for complexity and scale.

The Pain of Logistics Data Silos

Today, managing a single shipment means logging into Carrier A's site to check status, switching tabs to Carrier B's portal for pricing, then jumping over to your internal spreadsheet just to confirm the address. It's constant clicking, copy-pasting addresses, and cross-referencing dates across five different systems.

With this MCP, all that friction vanishes. You tell your agent what you need—like 'list_shipments' or a rate quote—and it pulls the necessary data from every connected system automatically. The result is immediate, consolidated answers in plain text.

Freightview MCP: Quote Rates and Track Shipments Conversationally

You eliminate the need to manually pull up your saved addresses or look through old spreadsheets just to find a historical quote. The agent handles that retrieval for you, whether it's via 'list_address_book' or 'list_freight_quotes'.

Your entire workflow shrinks from five tabs and three different logins down to one conversation with your AI client. It's how modern logistics runs.

Freightview Tools (12 tools)

These twelve tools allow your AI agent to perform every operational task in LTL freight management, from quoting rates to managing contact information.

#	TOOL	DESCRIPTION
01	<code>request_rates</code>	Calculates real-time freight costs for a given route using connected carriers.
02	<code>get_account_details</code>	Retrieves core information about the organization's account attributes within Freightview.
03	<code>get_carrier_details</code>	Fetches specific operational or contact details for a single logistics carrier.
04	<code>get_quote_details</code>	Pulls up the full metadata and specifics related to a previous freight quote.
05	<code>get_shipment_details</code>	Retrieves detailed information about an active or completed shipment.
06	<code>list_address_book</code>	Shows a list of saved addresses, making it faster to quote services for repeat locations.
07	<code>list_connected_carriers</code>	Lists all the carrier companies currently linked and available in your account.
08	<code>list_contacts</code>	Provides a directory of logistics contacts associated with your shipping operations.
09	<code>list_item_catalog</code>	Displays common item types that are frequently shipped, speeding up quoting accuracy.
10	<code>list_freight_quotes</code>	Generates a list of your most recent and archived freight quotes for easy review.
11	<code>list_shipments</code>	Provides an overview listing all active or historical shipments you've managed.
12	<code>list_webhooks</code>	Lists the current webhooks configured to automatically send status updates and notifications.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U List my 5 most recent shipments and their current transit status.



Fetching shipments... I found 5 recent LTL shipments, including 'SHIP-123' (In Transit) and 'SHIP-456' (Delivered). Would you like the full tracking history for any of these?

U Request freight rates from 60601 to 90210 for a standard pallet.



Requesting rates... I've initiated a quote request for the route 60601 to 90210. I will list the available carrier prices as soon as they are retrieved from Freightview.

U Show me all carriers currently connected to my account.



Retrieving carriers... You have 12 connected carriers, including 'Old Dominion', 'FedEx Freight', and 'XPO Logistics'. Would you like the contact details for any of them?

Frequently Asked Questions

01 How does Freightview MCP handle rate requests?

The agent uses the 'request_rates' tool to query every connected carrier simultaneously, providing you with a consolidated list of available prices based on your origin and destination.

02 Can I track shipments using the Freightview MCP?

Yes. You can ask the agent to 'list_shipments' for an overview, or use 'get_shipment_details' to pull up specific tracking metadata and current transit status.

03 Is carrier information included in Freightview MCP?

Absolutely. You can run 'list_connected_carriers' to see every partner, and then use 'get_carrier_details' to get specifics on any single one.

04 What if I need old quotes for accounting?

Don't worry about finding the right file. Just ask your agent to run 'list_freight_quotes', and it pulls up historical data so you can analyze costs easily.

05 Does Freightview MCP help with addresses?







Yes, using 'list_address_book' ensures that when you request a quote, the agent uses accurate, saved address records, which prevents delays from bad input data.

Go Live in 60 Seconds

Get your connection token from cloud.vinkius.com, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
 Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"freightview": { "url": "..."</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
 Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

-  **Ask ChatGPT** 
-  **Ask Claude** 
-  **Ask Perplexity** 
-  **Ask Gemini** 
-  **Ask Grok** 

READY TO CONNECT

Freightview is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and
start building. No SDK. No deployment. Just results.

[Start at cloud.vinkius.com](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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