MCP SERVER | NO CODE | CLOUD HOSTED

Fivetran MCP

Audit data movement, sync status, and connections.

Fivetran MCP connects your AI client directly to your automated data movement and ELT pipelines. It lets you monitor connector health, audit destination settings, track sync progress, and manage user access—all through natural conversation. You get full visibility into complex data flows without ever having to open the Fivetran interface.

A+ Quality Score 100/100

elt-pipelines | data-integration | connector-orchestration | data-warehousing | sync-monitoring | automated-data-movement

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vinkius.com/mcp/fivetran

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects 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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

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

FinOps

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

Tool Health

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

Firewall & DLP

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

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.

Fivetran MCP

7 tools available
Cloud-hosted on Vinkius

Managing data pipelines usually means jumping between dashboards, clicking through tabs, and running reports just to check if everything is still connected correctly. This MCP changes that. It lets you take control of your entire automated data movement process using only chat commands in your preferred AI client. You can ask your agent to list all connectors within a specific group or pull up the detailed configuration for any destination database. Need to know who has access? Your agent enumerates all registered users and teams instantly. The MCP allows you to verify precise sync statuses across organizational pipelines, giving you immediate confirmation of data movement progress. Because Vinkius hosts this catalog, you connect your AI client once and gain access to deep, operational control over your most critical data infrastructure.

Core Capabilities

01 — Audit Connector Status

You check the configuration details for any specific connector or list every active connector within a defined group.

02 — Review Data Destinations

You retrieve setup and configuration details for all connected destination databases, verifying where your data is actually being delivered.

03 — Monitor Sync Progress

Your agent identifies the current sync status and validates physical progress across organizational pipelines in real-time.

04 — Manage Workspace Users

You list all registered users and RBAC teams, checking access levels and administrative statuses within the workspace.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP on Vinkius.

02 Enter your Fivetran API Key and API Secret into your client's settings (found in Account Settings > API Config).

03 Ask your AI agent anything about your data flow—like listing groups or checking sync status—and get immediate results.

The bottom line is you manage complex, automated data pipelines using simple conversation rather than clicking through dashboards.

Built For

This MCP is for the Data Engineer who gets sick of opening the Fivetran UI just to check a connector status. It's for the Analytics Lead who needs to audit data delivery boundaries quickly, and the IT Admin needing real-time oversight of user access.

Data Engineer

They monitor sync statuses across dozens of pipelines and verify connector configurations without leaving their primary IDE or chat interface.

Analytics Lead

They audit data pipelines and confirm destination settings using natural language, proving where critical business metrics are actually landing.

IT Administrator

They monitor user access and workspace team structures in real-time through conversational queries to manage permissions efficiently.

What Changes When You Connect

01 Stop opening the Fivetran UI just to check a status. You can ask your agent for the current active sync statuses instantly, confirming physical data movement progress without leaving your workspace.

02 Gain immediate visibility into who has access. Use `list_users` and `list_teams` to enumerate all registered users and RBAC teams in real-time, making user oversight simple.

03 Validate where data is going. By using the destination tools, you can retrieve configuration details for connected databases, verifying delivery boundaries instantly.

04 Troubleshoot connectors quickly. You can use `list_connectors` to see all available sources and then run `get_connector` to check its specific setup state or schema details.

05 Manage data flow structure. You don't have to guess which source maps where; you can retrieve complex structural arrays defining global resource mappings.

Real-World Applications

Verifying a New Data Source Connection

A developer just activated a new data stream and needs to confirm it's ready. They ask their agent to check the connector details using `get_connector` and then verify its sync status, getting confirmation that the connection is 'Active' with no errors.

Onboarding a New Team Member

An IT admin needs to know who has access before granting credentials. They ask the agent to run `list_users` and get a summary of all registered personnel, confirming their roles and team affiliations quickly.

Auditing Data Warehouse Boundaries

An analytics lead suspects data is missing from a report. They use the destination tools to check the configuration for the target data warehouse (`get_destination`), ensuring that the correct group was mapped and delivery boundaries are sound.

Debugging ELT Flow Failures

A data engineer notices a pipeline is failing. Instead of diving into logs, they ask their agent to list all groups (`list_groups`) and then use `get_group` on the affected destination to check for structural constraints or mapping errors.

Patterns to Avoid

Treating it like a simple API wrapper

✗ AVOID

The user copies connection details and pastes them into an external script, only to realize the API keys aren't configured correctly in their client.

✓ INSTEAD

You must subscribe to this MCP on Vinkius first. Then, enter your Fivetran API Key and API Secret directly through your AI client's settings so the agent can authenticate properly.

Asking for general data insights

✗ AVOID

The user asks: 'What were our Q2 sales figures?' The MCP cannot answer this because it only manages connections and metadata, not the actual raw data itself.

✓ INSTEAD

Use the tools to confirm that your required source connectors are active and pointing to the correct destination. For example, use `list_connectors` first.

Assuming a tool handles schema changes

✗ AVOID

The user assumes calling `get_connector` will show them how to manually fix an incorrect column mapping in the source system.

✓ INSTEAD

This MCP only reads data. To fix structural constraints or resource mappings, you must first use the tools to discover the issue (e.g., check schema details) and then perform the correction inside the Fivetran UI.

The Right Fit

Use this MCP if your primary need is operational visibility: auditing existing pipelines, verifying access controls, or checking current sync statuses across multiple data sources. It's perfect for answering 'Where is my data?' or 'Who can see that data?' Use it to audit and monitor the connections using tools like `list_connectors` and `list_users`. Don't use this if you need to set up a brand new,

complex data pipeline from scratch; for that, you still need to interact with the main Fivetran UI. If your goal is simply querying the raw data (e.g., 'What were sales last month?'), this MCP won't help—you need a separate query tool connected to the destination itself.

Manually checking pipeline health drains hours of time.

Today, if you want to know if your data warehouse is receiving updates from five different sources, you open the Fivetran dashboard. You click into each group, check the connector status, look for sync errors, and then maybe drill down to verify the destination mapping. It’s a repetitive, clicking nightmare that takes time away from actually analyzing the data.

With this MCP, you tell your agent exactly what you need—like listing all groups or checking if a specific connector is active. The agent gathers all that complex metadata and presents it back in natural language. You get instant confirmation without opening any dashboards.

Fivetran MCP gives you full control over your data connections.

The ability to run `list_users` and `list_teams` means you no longer need to manually check user permissions across multiple administrative panels. You can instantly query the entire workspace structure through chat, getting a complete picture of who has access to what.

You move from spending hours clicking between tabs to asking a single question and receiving an immediate, comprehensive answer. It's that simple.

Fivetran: 7 Tools for Data Pipeline Management

Use these tools in your chat agent to list groups, check connector details, monitor users, and validate the structural integrity of your data connections.

#	TOOL	DESCRIPTION
01	`list_connectors`	Retrieves a list of all data connectors within a specific group.
02	`get_connector`	Pulls detailed configuration and status information for one particular connector.
03	`list_groups`	Lists all the destination groups configured in your Fivetran account.
04	`get_group`	Retrieves detailed information about a specified destination group.
05	`get_destination`	Gets the specific configuration details for a data warehouse connected to your groups.
06	`list_users`	Lists all individual users registered and authorized within the Fivetran workspace.
07	`list_teams`	Retrieves a list of all defined user teams and their structures.

See It in Action

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

U List all Fivetran groups in my account

Retrieving groups... I found 3 groups (destinations): 'Marketing-Analytics', 'Product-Insights', and 'Finance-Sync'. Which one would you like to see the connectors for?

U What is the status of connector 'conn_abc123'?

Retrieving connector details... Connector 'conn_abc123' (PostgreSQL) is currently 'Active'. The last sync finished 15 minutes ago with no errors. The next sync is scheduled for top of the hour.

U List all users in the Fivetran workspace

Retrieving users... I found 5 registered users. Highlights include 'Admin User' (Account Administrator), 'Data Analyst' (Analyst), and 3 other members. Would you like the detailed profile for any of them?

Frequently Asked Questions

01 **Can the Fivetran MCP list all my data sources?**

Yes, you can use the `list_connectors` tool to retrieve a detailed listing of all connectors within any specified group or destination.

02 **How do I check if a user has admin rights using Fivetran MCP?**

You run the `list_users` tool. This lists every registered user, allowing you to see their role and administrative status within the workspace immediately.

03 **Does Fivetran MCP help me debug failed pipelines?**

It helps by providing diagnostic data. You can use `get_connector` to retrieve detailed configuration information that points to potential issues, like schema or setup state problems.

04 **What is the difference between listing groups and getting a destination?**

Using `list_groups` gives you a high-level roster of all destination containers. Running `get_destination` provides the specific configuration details for one of those destinations.

05 **Is Fivetran MCP only useful for data engineers?**

No. While powerful for data engineers, analytics leads can use it to audit pipelines and IT admins can use it for user oversight, making it valuable across multiple roles.

06 **Can my agent list all connectors in a specific Fivetran group?**

Yes. Use the 'list_connectors' tool. Provide the Group ID, and the agent will return a list of all connectors configured within that destination group, including their unique IDs and statuses.

07 **How do I check the details of a specific data destination via chat?**

Use the 'get_destination' tool. Provide the Group ID. Your agent will retrieve configuration details about the database or data warehouse connected to that group, providing clear boundary information natively.

08 **Can I audit users and their roles in my Fivetran workspace through the agent?**

Absolutely. Use the 'list_users' tool. The agent retrieves all registered users in your workspace with their assigned roles and current statuses, allowing for organizational administrative auditing natively.

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 `"fivetran": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Fivetran 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 →

vinkius.com · support@vinkius.com

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