MCP SERVER | NO CODE | CLOUD HOSTED

Fleetio MCP

Manage every vehicle, meter reading, and service reminder via conversation.

Fleetio connects your AI agent directly to vehicle operations data. You manage entire fleets—tracking everything from fuel consumption and odometer readings to maintenance schedules and driver contact info—all through natural conversation. Use this MCP to automate fleet oversight, turning complex dashboard navigation into simple commands.

A+ Quality Score 100/100

vehicle-tracking | maintenance-scheduling | fuel-management | compliance-tracking | asset-management | telematics

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/fleetio

SCAN TO VIEW

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.

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.

Fleetio MCP

12 tools available
Cloud-hosted on Vinkius

You can use this MCP to run a full operational audit of your vehicles without ever logging into the web portal. Need to know which trucks are due for an oil change? Just ask. Want to record that Van 05 just hit 45,000 miles? Tell your agent. This connection centralizes everything from tracking work orders and listing all active assets to retrieving historical fuel logs. Because this MCP is hosted on Vinkius, you connect once through any compatible AI client and gain immediate access to the entire fleet management catalog. You can list every vehicle in your care using `list_vehicles`, fetch detailed profiles using `get_vehicle`, or even report a new problem with a single command that calls `create_issue`. This dramatically cuts down on time spent cross-referencing spreadsheets, letting you focus on driving operations forward.

Core Capabilities

01 — Manage Asset Data

List all vehicles in your fleet and retrieve specific metadata like VINs and license plates.

02 — Track Maintenance Status

Monitor upcoming service reminders, list current work orders, or fetch the details of a reported issue.

03 — Record Usage Metrics

Add new odometer readings (`create_meter_entry`) or report unexpected vehicle issues directly from your conversation.

04 — Audit Fuel Consumption

Retrieve historical records of fuel entries to calculate costs and track usage across multiple vehicles.

05 — Lookup Contacts & Vendors

Access a directory listing contacts like drivers, managers, and external service providers for quick coordination.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to the Fleetio MCP on Vinkius and enter your API key credentials.

02 Your AI agent receives access permissions to all vehicle data, maintenance records, and contact lists.

03 You simply ask your agent a question—like 'What services are due for Truck 01?'—and it executes the necessary tools in the background.

The bottom line is that you get real-time operational insights without leaving your AI client chat window.

Built For

Fleet Managers who are tired of juggling multiple spreadsheets, Operations Supervisors needing immediate oversight of reported issues, or Logistics Coordinators constantly cross-referencing vendor contacts.

Fleet Manager

Uses the MCP to quickly check vehicle statuses and pull historical data on fuel entries while planning daily routes.

Operations Supervisor

Gets a real-time overview of all reported issues or active work orders using simple conversational commands, ensuring immediate safety compliance.

Logistics Coordinator

Automates the process of finding necessary driver contact information or vendor details for fast dispatching and support.

What Changes When You Connect

01 Automate Data Logging: You can record new odometer readings or report a problem using `create_meter_entry` or `create_issue`, eliminating the need to manually open forms. Your agent handles the data capture instantly.

02 Instant Status Checks: Instead of navigating multiple dashboards, you simply ask your agent for an overview of all assets using `list_vehicles`. You get immediate status updates on everything in minutes.

03 Compliance Visibility: Quickly check upcoming required services with `list_service_reminders` or pull detailed records using `get_vehicle`, ensuring vehicles stay compliant and safe without manual cross-checking.

04 Streamlined Coordination: Need to contact a specific driver or external repair shop? Use `list_contacts` or `list_vendors` to get the right information instantly, speeding up logistics coordination.

05 Full Audit Trail: Generate operational reports by listing all fuel entries (`list_fuel_entries`) and viewing work orders (`list_work_orders`), providing a complete financial and maintenance audit trail.

Real-World Applications

Preparing for Quarterly Compliance Audits

A Fleet Manager needs to prove that all vehicles received their required annual checks. Instead of pulling 20 different reports, the agent runs `list_service_reminders` and compiles a single list showing which assets are compliant and which need immediate attention.

Handling an Unexpected Vehicle Breakdown

An Operations Supervisor gets a report of an issue. They use `get_issue` to see the details, then immediately call `list_vendors` to get contact info for certified mechanics, and finally record a new work order using `create_issue`.

Calculating Total Quarterly Fuel Costs

A Logistics Coordinator needs the cost breakdown for the last three months. They simply ask their agent to pull all records via `list_fuel_entries`, getting a total consumption figure without touching any spreadsheets.

Onboarding New Assets

When a new truck comes online, the manager doesn't need to enter data in five places. They use `get_vehicle` (with necessary metadata) and then call `create_meter_entry` once to log its initial odometer reading.

Patterns to Avoid

Trying to find a vehicle's status from multiple sources

✗ AVOID

Opening the main dashboard, clicking on the 'Vehicles' tab, then having to open the 'Issues Log', and finally cross-referencing the 'Service Calendar'. This takes ten minutes.

✓ INSTEAD

Ask your agent directly: 'What is the current status of Truck 01?' The agent uses `get_vehicle` and `list_service_reminders` simultaneously, giving you a single, immediate answer.

Recording usage data in multiple systems

✗ AVOID

Using paper logs for mileage, then manually entering that into the web portal's meter tracking section later. Data is always delayed and often inaccurate.

✓ INSTEAD

Use `create_meter_entry` right through your agent conversation. The data logs instantly, keeping everything real-time and accurate.

Calling multiple people for vendor details

✗ AVOID

Having to email or call three different team members just to get the correct contact number for a third-party mechanic or service provider.

✓ INSTEAD

Ask your agent to run `list_vendors`. You get an up-to-date list of all approved providers and their direct contacts immediately.

The Right Fit

Use this MCP if your biggest bottleneck is the *manual transfer* or *cross-referencing* of operational data. If you spend more than ten minutes a week compiling status reports, querying fuel history, or finding contact details, this tool saves time. It works best when you need to perform transactional tasks (like running `create_issue` or `list_fuel_entries`) based on natural language queries.

Don't use it if all you need is a simple read-only display of data that doesn't change often, like a static annual compliance document. For that, a dedicated dashboard might suffice. However, if your goal is to *act* on the data—for example, logging an issue or creating a work order—this MCP is necessary because it connects conversation directly to action.

The daily slog of checking asset status and maintenance history

Most days, managing the fleet means jumping between five different screens. You check the main dashboard for vehicle location, then click into a separate 'Maintenance' tab to see if an oil change is due. After that, you have to open another sheet just to pull up recent fuel receipts and confirm who the right vendor was.

With this MCP, those clicks vanish. Tell your agent what you need—for example, 'Show me all vehicles needing service next week.' You get a consolidated list combining data from `list_service_reminders`, `get_vehicle` details, and even contact info via `list_contacts`. The whole audit happens in one chat.

Fleetio MCP: Complete Vehicle and Maintenance Oversight

The process of logging a vehicle issue used to involve stopping work, grabbing a clipboard, finding the right web form, filling out all mandatory fields (mileage, description, severity), and finally hitting submit. It's slow and easily forgotten.

Now, you just tell your agent: 'Vehicle 02 has an oil leak.' The agent uses `create_issue` instantly, logging the problem and linking it to the correct vehicle profile. You're back to work in seconds.

Fleetio with 12 Tools

These tools allow you to manage every aspect of fleet operations: from listing all vehicles to submitting new maintenance work orders.

#	TOOL	DESCRIPTION
01	`create_issue`	Reports a new vehicle issue directly to the system.
02	`create_meter_entry`	Adds an official odometer or hour meter reading for any vehicle.
03	`get_issue`	Retrieves specific, detailed information about a reported vehicle issue.
04	`get_service_reminder`	Pulls up the details for an upcoming required service or maintenance task.
05	`get_vehicle`	Fetches all specific metadata and current status information for a single vehicle.
06	`list_contacts`	Lists organization contacts, such as drivers and managers, within your fleet directory.
07	`list_fuel_entries`	Retrieves a comprehensive list of all recorded fuel entries for cost tracking.
08	`list_issues`	Lists multiple vehicle issues that have been reported across the entire fleet.
09	`list_service_reminders`	Provides a list of all upcoming service requirements for your vehicles.
10	`list_vehicles`	Retrieves a comprehensive catalog of every vehicle currently registered in the fleet.
11	`list_vendors`	Lists all external service providers and vendors associated with your fleet operations.
12	`list_work_orders`	Retrieves a list of active or completed work orders for maintenance tracking.

See It in Action

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

U List all active vehicles in my fleet and their current status.

Fetching vehicles... I found 10 active vehicles, including 'Truck 01' (Status: Active) and 'Van 05' (Status: In Shop). Would you like to see the details for any of these?

U Record a new odometer reading of 50,000 for vehicle ID 'veh_123'.

Meter entry recorded! I've added an odometer reading of 50,000 to vehicle 'veh_123'. Your maintenance schedules will be updated based on this new data.

U Show me all upcoming service reminders.

Retrieving reminders... You have 3 upcoming services: 'Oil Change' for Truck 01 (Due in 500 miles), 'Tire Rotation' for Van 02 (Due in 2 days), and 'Annual Inspection' for Truck 03.

Frequently Asked Questions

01 **How do I use Fleetio MCP to list all my vehicles?**

You simply ask your agent to run `list_vehicles`. It will fetch a complete catalog of every asset currently registered, giving you immediate visibility into the size and makeup of your entire fleet.

02 **Can Fleetio MCP help me track fuel costs?**

Yes. Ask the agent to run `list_fuel_entries`. It retrieves historical consumption records so you can calculate total operational costs across all vehicles accurately.

03 **What is the easiest way to report a new vehicle problem with Fleetio MCP?**

Tell your agent to use the `create_issue` tool. You just describe the problem conversationally, and the system logs it immediately as an official issue record.

04 **Do I need to know VINs when listing service reminders with Fleetio MCP?**

No. You can ask your agent generally, like 'Show me upcoming services,' and the system will use `list_service_reminders` to pull all due dates regardless of how you identify the vehicle.

05 **Does Fleetio MCP let me find a vendor's contact info?**

Absolutely. You can ask your agent to run `list_vendors`, and it pulls up an organized list of all approved service providers and their contact details for quick use.

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 `"fleetio": { "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

Fleetio 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Fleetio. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Fleetio MCP
Server ID	`019d759a-d291-70fb-8a4e-ce57ace1a79e`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/mcp/fleetio.