MCP SERVER | NO CODE | CLOUD HOSTED

AfterShip Tracking MCP for AI Agents

Monitor package locations and manage multi-carrier logistics

AfterShip Tracking lets your AI agent manage complex global shipping logistics. It connects directly to AfterShip's platform, allowing you to track packages across 600+ couriers from a single chat interface. You can monitor real-time delivery status, list all active carriers in your account, and even identify the courier for an unknown tracking number automatically.

D Quality Score 61.25/100

shipment-tracking | delivery-monitoring | courier-integration | logistics-automation | real-time-updates | package-tracking

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/aftership-tracking

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.

AfterShip Tracking MCP

5 tools available
Cloud-hosted on Vinkius

This MCP connects your AI agent directly to AfterShip Tracking, giving you professional logistics orchestration right where you work. Instead of logging into dozens of carrier websites or copying numbers into multiple spreadsheets, you just talk to your agent. It handles the whole shipping operation through natural conversation.

The system monitors every step of a package's journey. Need to know if a shipment is delayed? Just ask. Want to check all active carriers in your account? No problem. The agent retrieves detailed status reports and historical data instantly, helping you run supply chain analysis or answer customer questions on the fly. Because it's hosted on Vinkius, you connect once from any compatible client and get access to this entire catalog of logistics tools. You manage shipments by asking questions, not by clicking through dashboards.

Core Capabilities

01 — Check all shipment statuses

Retrieve a complete list of active and historical packages currently being monitored.

02 — Start monitoring new shipments

Register any new tracking number to begin real-time status monitoring immediately.

03 — Get precise location updates

Fetch detailed, current data including the package's exact location and expected delivery time.

04 — List active shipping partners

Pull a list of all courier services that are currently set up in your AfterShip account.

05 — Identify unknown couriers

Analyze raw tracking number formats to automatically determine which carrier is handling the package.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your AfterShip API Key.

02 Tell your AI agent what you need. For example, 'Track my order from Shenzhen' or 'List all shipments with delays.'

03 The agent uses the connection to pull the data and gives you a direct answer in chat.

The bottom line is that it turns complex logistics lookups into simple questions for your AI agent.

Built For

This MCP helps e-commerce operations, customer support teams, and supply chain managers who spend too much time manually checking tracking numbers across different carriers. If you're tired of logging into multiple portals just to find out where a package is, this is for you.

E-commerce Operations Manager

Monitors shipment exceptions and updates tracking records across dozens of different carriers automatically.

Customer Support Specialist

Quickly looks up a customer's package location and provides real-time status updates without needing to use an external website.

Logistics Coordinator

Audits the performance of various carriers, identifying which ones are causing delays or exceptions across multiple shipments.

What Changes When You Connect

01 Get instant status updates. Instead of visiting multiple courier sites, you can use `get_tracking_details` to pull the current location and delivery estimate for a shipment in one go.

02 Simplify onboarding new shipments by using `create_tracking`. Just give your agent a tracking number, and it sets up real-time monitoring automatically.

03 Save time identifying carriers. If you get an unknown tracking number, running `detect_courier` tells you the carrier instantly, saving you manual research.

04 Get full visibility into your network using `list_trackings`, allowing you to audit all active and past shipments at once.

05 Understand your partnerships by calling `list_couriers`. This tool provides a clean list of every courier currently connected in your account.

Real-World Applications

Handling customer 'Where is my order?' inquiries

A support specialist receives an email asking about package 94001xxxx. They ask their agent to check the details, and the agent uses `get_tracking_details` to provide a precise status (e.g., 'Out for Delivery') immediately.

Auditing delayed or exception packages

The logistics manager wants to find all shipments that are stuck in customs. They ask the agent to list exceptions, and the MCP uses its tools to filter and report only those overdue packages.

Integrating a new supplier's tracking data

A supply chain analyst gets shipment numbers from a new vendor using different formats. They ask the agent to identify all carriers for these raw numbers, which uses `detect_courier` before starting monitoring.

Creating reports on carrier performance

The operations team needs to know which carriers are most reliable. The agent can use `list_trackings` and then analyze the historical data to generate a report showing delay rates by courier.

Patterns to Avoid

Tracking manually via spreadsheets

✗ AVOID

The user copies 50 tracking numbers into a spreadsheet, then has to visit 10 different carrier websites and paste them in one by one just to get the current status.

✓ INSTEAD

Give your agent the list of numbers and ask it to check all details. The MCP uses `get_tracking_details` for every number, compiling a single, organized report instantly.

Ignoring unknown tracking formats

✗ AVOID

The user receives a random tracking ID from a small vendor and doesn't know if it belongs to FedEx or UPS. They spend 10 minutes Googling the format.

✓ INSTEAD

Just ask your agent to identify the carrier for the number. The MCP uses `detect_courier` to tell you exactly which courier is handling the package.

Forgetting to set up monitoring

✗ AVOID

The user finds a tracking number but doesn't connect it, meaning they have no way of getting real-time alerts when the status changes.

✓ INSTEAD

Tell your agent to register the shipment for you. The MCP runs `create_tracking`, ensuring that all updates are automatically monitored and available through chat.

The Right Fit

Use this MCP if your pain point is multi-carrier visibility—you need one place to check packages moving through different logistics networks (e.g., USPS, DHL, FedEx, etc.). It excels when you need real-time location data or historical tracking reports across multiple sources. Don't use it if your primary need is inventory management, warehouse stock counting, or managing billing invoices; those require a dedicated ERP integration. If you only track packages for one courier and never deal with exceptions, simpler single-carrier APIs might suffice, but this MCP gives you the necessary breadth to handle real e-commerce complexity.

AfterShip Tracking: Solving E-commerce Visibility Gaps

Every day, operations teams waste hours manually checking tracking numbers. They open the USPS site, then switch to DHL, and then maybe a local carrier's portal just to get one idea of where an order is. This process is slow, prone to human error, and makes it impossible to give your customers accurate, instant answers.

With this MCP, you tell your agent what you need. Instead of clicking through five separate websites, the tool handles all the connections automatically. You get a single source of truth, pulling real-time status updates and location data into your chat window.

AfterShip Tracking: Managing Cross-Border Delivery Failures

When packages cross borders or change hands between carriers, the tracking information often breaks down. You have to guess which system has the most current data, and you can't easily audit whether a shipment failed because of customs or an address issue.

This MCP gives you control over that complexity. It doesn't just report status; it lets your agent monitor entire pipelines for exceptions, giving you the oversight needed to fix delays before they become major customer complaints.

5 Tools in the AfterShip Tracking MCP for Shipment Tracking

These tools let you track, register, check details, list carriers, and identify couriers automatically using your AI agent.

#	TOOL	DESCRIPTION
01	`list_trackings`	Retrieves a list of every active and historical package shipment currently being monitored by AfterShip.
02	`create_tracking`	Registers a new tracking number to start real-time monitoring and set up automated alerts for the package's journey.
03	`get_tracking_details`	Pulls highly accurate, real-time location data and the current delivery status for any given AfterShip tracking ID.
04	`list_couriers`	Retrieves a list of all shipping couriers that are currently enabled in your specific AfterShip account.
05	`detect_courier`	Analyzes a raw tracking number format and automatically identifies the likely carrier responsible for routing it.

See It in Action

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

U I need to check on my three recent orders: 94001xxxx, XYZ789, and ABC123. Give me their current status.

Shipment Status Report

- **Tracking ID:** 94001xxxx (Carrier: USPS)
* Status: Out for Delivery
* Estimated Arrival: Today by 5 PM
* Last Location: Local Post Office, Downtown

- **Tracking ID:** XYZ789 (Carrier: DHL)
* Status: Customs Hold - Awaiting paperwork.
* Details: Shipment needs a customs declaration form signed. Please follow up with the sender.

- **Tracking ID:** ABC123 (Carrier: LocalPost)
* Status: Delivered
* Delivered To: Front Porch
* Time: Yesterday, 2 PM

U List all the courier services I'm set up with right now.

You currently have access to tracking services from these carriers:

- United States Postal Service (USPS)
- FedEx Global
- DHL Express
- Local Post Delivery
- Regional Courier Co. Inc.

You can use any of these credentials with your agent to monitor packages.

U Which carrier is handling this number: 123456789012?

Carrier Identification

Based on the format and structure, the tracking number '123456789012' belongs to **FedEx Global**. You can now ask your agent to start monitoring this specific shipment.

Frequently Asked Questions

01 **How does AfterShip Tracking MCP help me with multiple carriers?**

This MCP centralizes all your tracking needs. It lets you query packages from different couriers (like USPS and FedEx) using a single chat command, pulling results together without needing multiple logins.

02 **Can I use AfterShip Tracking MCP to track old or historical shipments?**

Yes. The tool can retrieve historical data for packages you've already shipped. This is useful for supply chain analysis or when a customer needs proof of past delivery locations.

03 **What if I get a tracking number from an unknown company? Does AfterShip Tracking MCP work?**

Absolutely. You can give the agent the raw tracking number, and it will analyze the format using its built-in detection tool to tell you which carrier is involved before you even start monitoring.

04 **Is this better than just checking the courier's website?**

Yes. This MCP pulls data into your conversation flow instantly. You don't have to open new tabs or copy/paste information; everything is delivered right where you are working.

05 **Can I set up tracking for a shipment that hasn't moved yet?**

Yes, the MCP can register the package using `create_tracking`. This starts the real-time monitoring process and ensures that when the status *does* change, your agent is alerted immediately.

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 `"aftership-tracking": { "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

AfterShip Tracking 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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DOCUMENT INFORMATION

Generated	June 2026
MCP Server	AfterShip Tracking MCP
Server ID	`019d7549-5edf-70d3-8de6-cc600e7585bd`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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