MCP SERVER | NO CODE | CLOUD HOSTED

ADHD Medication Tracker MCP

Manage your medication timing and symptom coverage with data.

ADHD Medication Tracker MCP uses pharmacokinetic modeling to help you track how different medication formulations impact your therapeutic window. It identifies coverage gaps, correlates side effects with peak times, and provides data-driven suggestions to help you manage daily symptoms more effectively through your AI client.

A+ Quality Score 100/100

adhd | medication | pharmacokinetics | health-tracking | optimization

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vinkius.com/en/ai-agent-connect/adhd-medication-tracker

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.

ADHD Medication Tracker MCP

4 tools available
Cloud-hosted on Vinkius

Managing ADHD medication is often a guessing game of when a dose will wear off or when side effects might hit. This MCP changes that by applying pharmacokinetic modeling to your personal dosing history. Instead of just keeping a log, you're building a mathematical profile of how your specific formulations, whether immediate or extended release, behave in your system.

You can use your AI client to record every dose and immediately see how it fits into your predicted therapeutic window. If you notice a slump in focus in the late afternoon, the MCP can help you identify if that's a coverage gap where your medication levels have dropped too low. It also connects the dots between your reported side effects and the timing of your doses, showing you exactly when those issues are most likely to occur. By looking at the data, your agent can suggest ways to adjust your routine to keep your symptom management more consistent throughout the day.

Core Capabilities

01 — Pharmacokinetic Modeling

Your agent uses math to predict how medication levels change in your body over time.

02 — Coverage Gap Detection

The MCP identifies periods where your medication levels are too low to provide therapeutic effects.

03 — Side Effect Correlation

Your AI client links specific side effects to the timing of your medication peaks.

04 — Dose Logging

You can record medication events through natural language in your chat interface.

05 — Optimization Suggestions

The tool analyzes your history to suggest better ways to manage your daily symptom patterns.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/adhd-medication-tracker** — connect your AI agent in three steps.

01 Connect your AI client to the ADHD Medication Tracker MCP via Vinkius.

02 Tell your agent when you take a dose using natural language.

03 Report how you feel or any side effects you experience.

04 Ask your agent to analyze your coverage or suggest improvements based on the data.

Getting started involves connecting your preferred AI client to the Vinkius-hosted MCP.

Built For

This MCP is built for individuals managing ADHD who want a data-driven way to track their medication's impact.

Adults with ADHD

Users who want to track how different formulations affect their daily focus and energy.

Health-conscious individuals

People who want to use pharmacokinetic data to better understand their own biological responses.

Data-driven patients

Users who want to bring concrete data to their next doctor's appointment regarding medication efficacy.

What Changes When You Connect

01 Identifies specific time gaps where symptoms return.

02 Connects side effect timing to medication peaks.

03 Uses pharmacokinetic modeling instead of simple logs.

04 Provides data-backed suggestions for routine adjustments.

Real-World Applications

Identifying Afternoon Slumps

Use the coverage tool to see if your medication is wearing off too early in the day.

Managing Side Effects

Correlate when you feel jittery or anxious with the timing of your doses.

Comparing Formulations

Track how immediate release versus extended release affects your therapeutic window.

Doctor Visit Preparation

Generate a clear picture of your medication effectiveness to discuss with a healthcare provider.

4 Tools Available

#	TOOL	DESCRIPTION
01	`analyze_effectiveness`	This tool correlates your reported side effects and effectiveness levels with your pharmacokinetic profile. It helps you see the relationship between dose timing and how you actually feel.
02	`get_medication_coverage`	This tool calculates your predicted therapeutic windows. It identifies specific gaps in your symptom coverage based on your dosing history.
03	`log_medication_event`	This tool records a specific instance of you taking your medication. It captures the dose and time to build your data profile.
04	`suggest_optimization`	This tool provides data-driven suggestions for improving your symptom management. It uses your history to recommend better ways to handle your daily routine.

See It in Action

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

U I just took 20mg of Adderall immediate release at 8:00 AM today. Can you log this for me?

I have logged your 20mg dose of Adderall (immediate release) for 8:00 AM today.

U How well has my Concerta been working over the last 7 days?

Over the last 7 days, your Concerta has shown an average effectiveness rating of 7/10, with peak effectiveness typically occurring 4 hours after administration.

U Show me my medication coverage for the last 24 hours.

In the last 24 hours, you had 10 hours of therapeutic coverage with a 3-hour gap identified in the late afternoon.

Frequently Asked Questions

01 **How does this MCP track my medication?**

It uses pharmacokinetic modeling to turn your dose logs into a mathematical profile of your medication levels over time.

02 **Which AI clients can I use with this MCP?**

You can use any MCP-compatible client, including Claude, Cursor, Windsurf, and VS Code.

03 **Can I use this to see when my medication wears off?**

Yes, the get_medication_coverage tool identifies predicted therapeutic windows and highlights gaps where coverage is low.

04 **Do I need to manually calculate anything?**

No, the MCP handles all the pharmacokinetic modeling and data analysis for you.

05 **Is this a simple pill reminder?**

No, it is a specialized tracking tool that focuses on the biological impact and timing of your medication rather than just reminders.

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 `"adhd-medication-tracker": { "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

ADHD Medication Tracker 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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Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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