

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Household Maintenance History Book MCP

Keep your home running smoothly with an AI-managed maintenance log.

Household Maintenance History Book MCP gives your AI client a complete memory of every repair, service, and warranty in your home. Instead of digging through old emails or paper receipts, you can ask your agent to check when the HVAC filter was last changed, find a reliable plumber you used last year, or identify which warranties are about to expire.

A+ Quality Score 100/100

household

maintenance

home-care

asset-tracking

contractor-management



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.

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.

Household Maintenance History Book MCP

4 tools available

Cloud-hosted on Vinkius

Managing a home involves a constant stream of small tasks and big repairs. This MCP acts as a centralized brain for your property's upkeep. You can stop guessing when you last serviced the water heater or which contractor did the roof work. By connecting this to your AI client, you turn a messy pile of records into a searchable, actionable database. Your agent can pull up a full timeline of work done on a specific appliance, alert you to upcoming service needs, or help you vet a contractor based on their past performance at your house. It's about moving from reactive repairs to proactive management without the manual data entry headache.

Core Capabilities

01 — Warranty Tracking

Your agent identifies expiring warranties so you don't miss coverage windows.

02 — Service History Retrieval

The AI pulls specific repair timelines for any appliance or system.

03 — Contractor Auditing

Your agent checks past job counts and costs to evaluate service providers.

04 — Proactive Alerts

The AI flags upcoming maintenance needs before they become emergencies.

05 — Asset Health Monitoring

Your agent summarizes the current status of specific household items.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/household-maintenance-history-book — connect your AI agent in three steps.

- 01 Subscribe to the MCP on Vinkius.
- 02 Connect your preferred client like Claude or Cursor with one click.
- 03 Input your home's maintenance and warranty data.
- 04 Ask your AI client questions about your home's status or history.

Setting up your home maintenance brain takes just a few steps.

Built For

This is for homeowners and property managers who want to automate their maintenance logs using AI.

Homeowners

Use it to keep track of repairs and avoid missing warranty deadlines.

Property Managers

Hand off the task of monitoring multiple units' service histories to your agent.

Real Estate Investors

Maintain a clean record of all property improvements and maintenance for resale value.

What Changes When You Connect

- 01 Eliminates the need to manually search through old receipts or emails.
- 02 Prevents expired warranties from going unnoticed.
- 03 Provides a clear paper trail of all work performed by contractors.

- 04 Turns your AI client into a specialized home management assistant.

Real-World Applications

Pre-Sale Preparation

Ask your agent to compile a full maintenance history to show potential buyers.

Preventative Maintenance

Use the upcoming actions tool to stay ahead of seasonal HVAC or plumbing needs.

Contractor Vetting

Check how many times a specific plumber has worked at your house and what they charged.

Warranty Claims

Quickly verify if a failing appliance is still covered under its existing warranty.

Patterns to Avoid

Manual log entry guessing

❌ AVOID

You try to remember if the HVAC was serviced last year by checking through old email threads and paper receipts.

✓ INSTEAD

Let your agent pull the exact timeline using `get_maintenance_history` to see every completed job instantly.

Ignoring warranty expiration dates

❌ AVOID

A dishwasher breaks and you realize too late that the coverage ended three months ago.

✓ INSTEAD

Use `get_upcoming_actions` to have your agent flag expiring warranties before you lose coverage.

Blind contractor hiring

❌ AVOID

You hire a new plumber based on a recommendation without knowing if they've worked on your specific pipes before.

✓ INSTEAD

Run `search_contractor_records` to see exactly what that specific provider has done at your house in the past.

The Right Fit

Homeowners and property managers should connect this MCP if they want a single source of truth for property upkeep. If you prefer keeping physical binders or loose spreadsheets, this isn't for you. The deciding factor is whether you want your AI client to proactively manage your maintenance schedule instead of you doing it manually.

Household Maintenance History Book 4 Tools

These tools give your agent direct access to your property's repair logs, contractor history, and upcoming service needs.

#	TOOL	DESCRIPTION
01	get_maintenance_history	Use this to pull a chronological list of every completed household maintenance job.
02	get_upcoming_actions	This tool identifies scheduled maintenance tasks and warranties that are about to expire.
03	search_contractor_records	This tool retrieves all past jobs associated with a specific contractor you have hired.
04	get_asset_health_summary	This tool provides a high-level overview of the maintenance status for a specific asset in your home.

See It in Action

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

U What maintenance tasks are coming up in the next month?



The HVAC filter replacement is due on October 15th, and the water heater warranty expires on October 20th.

U Show me the maintenance history for the Refrigerator.



The Refrigerator had its last service on May 12, 2023, for a compressor check, costing \$150.

U How reliable is 'Smith Plumbing'?



Smith Plumbing has performed 5 jobs with an average cost of \$200 per visit.

Frequently Asked Questions

01 How do I connect this to my AI client?

You connect once through the Vinkius platform. Vinkius hosts the MCP and manages the connection to your client like Claude or Windsurf.

02 Can I use this with Cursor or VS Code?

Yes. This MCP is compatible with any MCP-enabled client, including Cursor, Windsurf, and VS Code.

03 What kind of data does it track?

It tracks maintenance jobs, appliance health, warranty expiration dates, and contractor service records.

04 Do I need to host the MCP myself?

No. Vinkius hosts and manages the MCP for you, so it is ready to use immediately after connection.

05 Can it help me find a good contractor?

Yes. You can use the search tool to see the history and cost of jobs performed by specific contractors.

06 How can I see what maintenance is due soon?

You can use the `get\_upcoming\_actions` tool to identify scheduled maintenance tasks and expiring warranties.

07 Can I check the status of a specific appliance?

Yes, the `get\_asset\_health\_summary` tool provides the last service date, total cost, and warranty status for any registered asset.

08 How do I view my past repair history?

Use the `get\_maintenance\_history` tool to retrieve a full chronological list of all completed jobs.

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>"household-maintenance-history-book": { "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

Household Maintenance History Book 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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Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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