

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

# Hobby Budget Tracker MCP.

Keep your personal passions from breaking the bank.

Hobby Budget Tracker MCP gives your AI client the ability to monitor, calculate, and manage every dollar you spend on your interests. Instead of manually updating spreadsheets, you can just ask your agent to check your remaining balance for photography gear, see how fast you're spending on gaming, or pull a list of recent hobby expenses. It turns your AI into a dedicated financial watchdog for your personal life.

**A+** Quality Score 100/100

budget

expenses

tracking

hobbies

finance-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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Hobby Budget Tracker MCP

4 tools available

Cloud-hosted on Vinkius

Stop guessing how much your hobbies actually cost you. This MCP connects your AI client directly to your hobby spending data so you can maintain tight control over your discretionary income. Whether you are building custom PCs, collecting rare plants, or upgrading camera gear, you can use your agent to keep an eye on the numbers without opening a separate budgeting app.

You can ask your agent to check if you're hitting your limits, see your total spend for a specific category, or even figure out your daily spending velocity to see if you're burning through your budget too fast. It's about having a real-time pulse on your spending habits through a simple chat interface. You get clear visibility into individual transactions and cumulative totals, making it easy to decide if you can afford that next big purchase or if you need to scale back for a month.

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## Core Capabilities

### 01 — Budget Monitoring

Your agent checks your spending against set limits to prevent overages.

### 03 — Spending Velocity Analysis

Your agent determines your average daily burn rate for a hobby.

### 02 — Total Cost Tracking

The AI calculates the cumulative amount spent on any specific hobby.

### 04 — Expense Auditing

The AI retrieves a detailed list of individual transactions for review.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/en/ai-agent-connect/hobby-budget-tracker](https://vinkius.com/en/ai-agent-connect/hobby-budget-tracker) — connect your AI agent in three steps.

- 01 Connect the Hobby Budget Tracker MCP to your preferred AI client via Vinkius.
- 02 Provide your agent with the name of the hobby you want to track.
- 03 Ask a question about totals, budget status, or spending rates.
- 04 The agent executes the specific tool to retrieve your data.
- 05 Receive a direct answer about your spending immediately.

Connect the MCP to your AI client and start asking questions about your hobby spending.

## Built For

This is for anyone who has high-cost personal interests and wants to keep their finances in check using an AI agent.

### Collectors

People buying niche items who need to track cumulative costs over time.

### Gamers

Users who want to monitor daily spending rates on digital or physical goods.

### Hobbyists

Anyone with recurring expenses in photography, gardening, or other specialized fields.

## What Changes When You Connect

- 01 Eliminates manual spreadsheet updates by using natural language queries.
- 02 Provides real-time budget status checks through your AI client.

- 
- |           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| <b>03</b> | Identifies rapid spending patterns using daily velocity calculations. |
| <hr/>     |                                                                       |
| <b>04</b> | Centralizes hobby-specific financial data for easy review.            |
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## Real-World Applications

### Pre-purchase Check

Ask your agent if you have enough room in your photography budget before buying a new lens.

### Burn Rate Monitoring

Check your daily spending rate for gaming to ensure you don't exhaust your monthly funds too early.

### Expense Review

Request a list of all gardening expenses to see exactly where your money went this month.

### Budget Oversight

Use the budget status tool to get an instant alert if a hobby is exceeding its limit.

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## Patterns to Avoid

### Vague budget inquiries

#### ❌ AVOID

Asking your agent if you are spending too much money in general without specifying a hobby.

#### ✓ INSTEAD

Be specific about which interest you are tracking. Use `check_budget_status` to see if a particular hobby is hitting its limit.

### Manual math errors

#### ❌ AVOID

Trying to add up a long list of camera gear purchases yourself to see your total investment.

#### ✓ INSTEAD

Let the MCP do the math for you. Use `get_hobby_total` to get an immediate, accurate sum of your spending.

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## Ignoring spending speed

### ❌ AVOID

Checking your total balance once a month and realizing you ran out of funds halfway through.

### ✓ INSTEAD

Monitor your pace throughout the month. Use `calculate_spending_velocity` to see how fast you are actually burning through your budget.

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## The Right Fit

Connect this MCP if you have high-cost hobbies like photography, gaming, or collecting that require active financial oversight. Do not connect it if your discretionary spending is negligible or if you prefer manual spreadsheet entry. The decision rests on whether you want to manage your hobby limits through chat rather than a dedicated budgeting app.

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# Hobby Budget Tracker: 4 Specialized Financial Tools

These tools give your agent direct access to your hobby spending, from individual transaction lists to daily burn rate calculations.

| #  | TOOL                        | DESCRIPTION                                                                                                  |
|----|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| 01 | check_budget_status         | This tool checks if your current spending for a specific hobby is staying within your set budget limit.      |
| 02 | get_hobby_total             | Use this to get the total amount you have spent on a specific hobby so far.                                  |
| 03 | list_hobby_expenses         | This tool pulls a list of all individual expenses recorded for a specific hobby.                             |
| 04 | calculate_spending_velocity | This tool calculates your average daily spending rate for a hobby to show how fast you are using your funds. |

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## See It in Action

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

**U** How much have I spent on Photography in total?



You have spent a total of \$450.00 on Photography.

**U** Am I over my \$200 budget for Gardening?



No, you have \$50.00 remaining in your Gardening budget.

**U** What is my daily spending rate for Gaming over the last 7 days?



Your average daily spend for Gaming over the last 7 days is \$12.50.

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## Frequently Asked Questions

### 01 How do I use this MCP with Claude?

You connect the MCP through the Vinkius platform, which makes it instantly available to your Claude client.

### 02 Can I track multiple different hobbies?

Yes, you can use the tools to check totals and budgets for any specific hobby you define.

### 03 What is spending velocity?

It is the average amount of money you spend per day on a specific hobby.

**04 Do I need to manage my own API keys?**

No, Vinkius hosts the MCP and manages all necessary connections for you.

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**05 Can the AI see all my bank transactions?**

No, this MCP only accesses the specific hobby expense data you provide through its tools.

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**06 How can I see my total spending for a specific hobby?**

You can use the ``get_hobby_total`` tool to retrieve the total amount spent on any hobby you specify.

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**07 Can I set a budget limit?**

Yes, use the ``check_budget_status`` tool to compare your current spending against a defined budget limit.

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**08 How do I see a list of my purchases?**

The ``list_hobby_expenses`` tool provides a detailed list of all individual items purchased for your hobby.

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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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                                                                                     |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|  <b>Claude AI</b>  | Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint                         |
|  <b>Cursor</b>     | Settings → Features → MCP Servers → "+" Add New MCP Server" → Type: SSE → Paste endpoint               |
|  <b>VS Code</b>  | Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"hobby-budget-tracker": {<br/>  "url": "..." }</code> |
|  <b>Windsurf</b> | MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL                                       |
|  <b>ChatGPT</b>  | Settings → Tools & plugins → Add MCP server → Paste endpoint                                           |
|  <b>Gemini</b>   | 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

# Hobby Budget 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](https://cloud.vinkius.com) →**

[vinkius.com](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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LICENSE & USAGE

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