

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

Monthly Expense Total MCP

Keep your monthly spending organized and visible.

Monthly Expense Total MCP lets your AI client manage and analyze your monthly outflows. You can log new costs, check your total spending for any month, or see exactly where your money went by looking at category breakdowns. It turns your chat interface into a functional budgeting tool.

A+ Quality Score 100/100

expenses

budgeting

finance

tracking

monthly



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.

Monthly Expense Total MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually updating spreadsheets to keep track of your money. This MCP gives your AI client the ability to act as a personal bookkeeper. When you spend money, you just tell your agent what happened, and it logs the entry for you.

Instead of digging through bank statements, you can ask your AI client for a summary of your spending for any given month. It can pull together every transaction to give you a total sum or break down your costs by category so you can see if you're overspending on groceries or rent. If you need to see the specifics of a certain category, your agent can pull that list instantly. It's a direct way to turn your natural language conversations into structured financial data.

Core Capabilities

01 — Expense Logging

Your agent records new transactions as you describe them in chat.

03 — Category Auditing

Your agent pulls a list of every transaction within a specific category.

02 — Monthly Totals

The AI calculates the sum of all costs for a specific month and year.

04 — Spending Distribution

The tool generates a breakdown of how much you spent in each category for a month.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/monthly-expense-total — connect your AI agent in three steps.

- 01 Connect the Monthly Expense Total MCP to your AI client via Vinkius.
- 02 Tell your agent to record a new expense with the amount and category.
- 03 Ask your agent for a total or a category breakdown when you need data.
- 04 Review the calculated sums and lists directly in your chat window.

Connecting this MCP to your AI client gives your agent immediate access to your financial logs.

Built For

This MCP is for anyone who wants to manage their budget through a conversational interface rather than a spreadsheet.

Freelancers

Track business expenses and personal outflows through simple chat commands.

Budget-conscious individuals

Monitor monthly spending habits to stay within set limits.

Small business owners

Keep a quick, running log of operational costs using an AI agent.

What Changes When You Connect

- 01 Eliminates manual spreadsheet entry by using natural language.
- 02 Provides instant totals for any month you specify.
- 03 Organizes spending into clear categories for easier review.
- 04 Works directly inside your existing AI client workflow.

Real-World Applications

Daily Expense Logging

Tell your agent you just spent money on lunch, and it logs the entry immediately.

Monthly Budget Review

Ask for your total spending at the end of the month to see if you stayed on track.

Category Deep Dives

Request a list of all entertainment expenses to see where your discretionary income went.

Spending Pattern Analysis

Use the category distribution tool to see which areas of your life cost the most each month.

Patterns to Avoid

Manual spreadsheet syncing

❌ AVOID

You spend ten minutes typing every coffee purchase into an Excel sheet after you buy it.

✓ INSTEAD

Just tell your agent you bought a coffee. Use ``add_expense`` to log it immediately through chat.

Vague budget inquiries

❌ AVOID

You ask your AI client if you are spending too much money without any specific context.

✓ INSTEAD

Ask for a specific breakdown. Use ``get_category_distribution`` to see exactly how your money is split across categories for the month.

Missing monthly totals

❌ AVOID

You try to calculate your monthly burn rate by manually adding up dozens of individual line items.

✓ INSTEAD

Let the MCP do the math. Use ``get_monthly_total`` to get a single sum for any month and year you specify.

The Right Fit

Connect this MCP if you want to manage your budget through conversation instead of manual data entry. Do not connect it if you prefer managing your finances through traditional spreadsheet software. The decision depends on whether you want your AI client to act as your primary bookkeeper.



Monthly Expense Total MCP Tools

These tools turn your chat history into a structured ledger. You can log new costs or pull specific spending reports instantly.

#	TOOL	DESCRIPTION
01	add_expense	Records a new expense into your tracking system. Just tell your AI client the amount, category, and date.
02	get_category_distribution	Provides a breakdown of spending across all categories for a specific month. Use this to see your percentage spend per category.
03	get_monthly_total	Calculates the total sum of all expenses for a specific month and year. It gives you one final number for your budget.
04	list_expenses_by_category	Retrieves a list of all expenses that fall under a specific category. This helps you audit specific spending areas.

See It in Action

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

U Add an expense of 50 dollars for Groceries on 2024-05-15.



The expense of \$50.00 for Groceries has been successfully recorded.

U What was my total spending in March 2024?



Your total spending for March 2024 was \$1,250.00 across 12 expenses.

U Show me all my expenses for the Rent category.



You have 3 expenses in the Rent category: \$1200.00 on 2024-01-01, \$1200.00 on 2024-02-01, and \$1200.00 on 2024-03-01.

Frequently Asked Questions

01 How do I add an expense?

You simply tell your AI client the details, such as the amount, the category, and the date, and it uses the `add_expense` tool to log it.

02 Can I see my total spending for a specific month?

Yes, you can ask your agent for the total spending of any month and year, and it will use the `get_monthly_total` tool to find the sum.

03 Does this MCP work with Claude or Cursor?

Yes, this MCP is compatible with any MCP-compatible client, including Claude, Cursor, and Windsurf.

04 How can I see a breakdown of my spending?

You can ask your agent for a category distribution, which provides a breakdown of all spending across your categories for a specific month.

05 Can I view individual items in a category?

Yes, you can ask your agent to list all expenses for a specific category to see the individual entries.

06 How do I add a new expense?

You can use the ``add_expense`` tool by providing the amount, category, date, and an optional description.

07 Can I see how much I spent on food last month?

Yes, you can use ``list_expenses_by_category`` for the 'Food' category or ``get_category_distribution`` to see the breakdown for that month.

08 How do I get my total spending for January 2024?

Use the ``get_monthly_total`` tool with month 1 and year 2024.

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>"monthly-expense-total": { "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

Monthly Expense Total 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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