

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

Family Event Cost Tracker MCP

Keep your family celebrations on budget without the manual math.

Family Event Cost Tracker lets your AI agent handle the messy financial details of family gatherings. You can log individual costs, pull high-level spending summaries, and see exactly how much each guest costs for specific events. It turns your AI client into a dedicated event accountant that keeps your family celebrations organized and transparent.



Quality Score 100/100

budgeting

family

events

expense-tracking

planning



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.

Family Event Cost Tracker MCP

4 tools available

Cloud-hosted on Vinkius

Planning a big family reunion or a birthday party usually means juggling a dozen different receipts and spreadsheets. This MCP changes that by giving your AI client direct access to your event finances. Instead of manually updating a ledger, you just tell your agent what you spent, and it handles the rest.

You can use it to log every catering bill or decor purchase as they happen. If you need to know if you are staying within your limits, just ask for a summary. It also helps with the awkward part of event planning: figuring out the cost per person. Whether you are organizing a small dinner or a massive holiday gathering, this tool keeps the numbers clear and accessible through your preferred AI interface.

Core Capabilities

01 — Expense Logging

Your agent records individual costs immediately after you provide the details.

02 — Financial Summaries

The AI pulls high-level spending overviews to show your total progress.

03 — Guest Cost Analysis

Your agent calculates exactly how much each attendee costs for a specific event.

04 — Event Filtering

The AI searches through your event history using thematic categories.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/family-event-cost-tracker — connect your AI agent in three steps.

01 Connect the MCP to your client like Claude or Cursor via Vinkius.

02 Tell your agent to add an expense for a specific event.

03 Ask for a summary to see your current spending totals.

04 Request a per-person breakdown to see guest costs.

Connecting this MCP to your AI client gives you a direct way to manage event finances.

Built For

This is for anyone managing the logistics and finances of group celebrations.

Event Organizers

They hand off the task of tracking receipts and calculating totals to their AI agent.

Family Heads

They use the AI to keep track of holiday or reunion spending across multiple events.

Budget Managers

They rely on the AI to provide quick summaries and per-person cost breakdowns.

What Changes When You Connect

- 01 Eliminates manual spreadsheet updates by using natural language commands.
- 02 Provides instant per-person cost breakdowns for guest lists.
- 03 Keeps all event spending organized by category and theme.
- 04 Gives you immediate budget variance visibility.

Real-World Applications

Holiday Planning

Log decorations, food, and gift costs as you buy them for the annual family Christmas.

Wedding Budgeting

Track large vendor payments and see how much budget remains for the big day.

Reunion Logistics

Calculate how much each family member needs to contribute based on total event costs.

Birthday Parties

Quickly add small expenses like cake or balloons to a specific birthday event.

Patterns to Avoid

Vague expense logging

❌ AVOID

You tell your agent to 'add some money for the party' without specifying an amount or an event ID.

✓ INSTEAD

Be specific with your data. Use ``add_event_expense`` by providing a valid event ID and the exact positive amount spent.

Manual math for guest costs

❌ AVOID

You try to manually divide the total catering bill by the number of people on your guest list.

✓ INSTEAD

Let the agent do the math. Use ``calculate_event_per_person_breakdown`` to get an accurate cost per attendee for a specific event.

Searching through every single receipt

❌ AVOID

You ask your agent to scroll through every single purchase you've ever made to find holiday spending.

✓ INSTEAD

Use ``list_events_by_category`` to filter your history by specific themes instead of looking at everything at once.

The Right Fit

Connect this MCP if you are managing budgets for weddings, reunions, or large holiday gatherings. Do not connect it if you are looking for professional enterprise accounting software. The decision comes down to whether you want to manage event costs through natural language instead of a spreadsheet.

Family Event Cost Tracker MCP Tools

These tools give your agent the ability to log expenses, pull financial summaries, and calculate per-person costs for any event.

#	TOOL	DESCRIPTION
01	calculate_event_per_person_breakdown	This tool analyzes how costs are distributed among guests. It calculates the specific cost per person for a given event.
02	get_event_summary	This tool pulls a high-level financial overview for an event. It gives you the big picture of your spending.
03	list_events_by_category	This tool finds events based on their theme. It lets you filter your list by specific classifications.
04	add_event_expense	This tool records a new cost for a specific event. You just need to provide a valid event ID and a positive amount.

See It in Action

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

U Add a \$50 expense for catering to event 'birthday-2024'.



The expense for catering has been successfully recorded for event 'birthday-2024'.

U What is the total cost and budget variance for event 'wedding-01' with a planned budget of \$5000?



The total cost for 'wedding-01' is \$4500, resulting in a budget variance of \$500.

U Calculate the cost per person for event 'reunion-2023' with 15 attendees.



The cost per person for the 'reunion-2023' event is \$33.33.

Frequently Asked Questions

01 How do I add a new expense?

You simply tell your AI client to add an expense, providing the event ID and the amount spent.

02 Can I see how much each guest costs?

Yes, you can ask your agent to calculate the per-person breakdown for any specific event.

03 Which AI clients work with this MCP?

This MCP works with any compatible client, including Claude, Cursor, and Windsurf.

04 How do I find specific types of events?

You can ask your agent to list events by their category or theme.

05 Do I need to host this myself?

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

06 How do I record a new expense?

You can use the ``add_event_expense`` tool to record a description, amount, and category for any specific event ID.

07 Can I see how much I am over or under my budget?

Yes, by using ``get_event_summary`` and providing a planned budget, the tool calculates the budget variance for you.

08 How is the cost per person calculated?

The ``calculate_event_per_person_breakdown`` tool divides the total accumulated expenses by the number of attendees you provide.

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>"family-event-cost-tracker": { "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

Family Event Cost 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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DOCUMENT INFORMATION

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

LICENSE & USAGE

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