

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

Concert Night Budgeter MCP

Handle all your concert trip expenses and group splits.

Concert Night Budgeter MCP handles the math for your next outing. It helps you figure out individual costs, total group spending, and how to split shared expenses like rides or hotels. Instead of manual math, your AI client does the heavy lifting for your travel logistics and group payouts.

A+ Quality Score 100/100

budgeting

concerts

group-splits

logistics

expense-tracking



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.

Concert Night Budgeter MCP

4 tools available

Cloud-hosted on Vinkius

Planning a concert trip involves more than just buying a ticket. You have to account for parking, rideshares, food, and shared lodging. This MCP takes that math off your plate. You can use it to get a clear picture of what a night will cost you personally or what the entire group needs to budget. If you're traveling with friends, it handles the awkward part of splitting a taxi or a hotel bill. It aggregates your movement costs so you aren't surprised by transport fees, and it keeps the total group spend organized. Just give your agent the numbers, and it will tell you exactly what everyone owes and what the total damage looks like.

Core Capabilities

01 — Group Expense Splitting

Your agent uses this to divide shared costs like hotels or taxis among friends.

02 — Personal Budgeting

Your agent calculates your specific spending for tickets, food, and merch.

03 — Travel Cost Aggregation

Your agent sums up all transport and parking fees to find your total logistics cost.

04 — Total Spend Summaries

Your agent provides a single total for the entire group's planned expenses.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/concert-night-budgeter — connect your AI agent in three steps.

- 01 Connect your MCP-compatible client to Vinkius.
- 02 Provide your expense details to your agent.
- 03 The agent uses the specific tools to run the math.
- 04 Receive clear totals for individuals or the whole group.

Connect your client to Vinkius and start chatting with your agent about your trip costs.

Built For

This is for anyone organizing a group trip to a show or festival. It's built for people who want to avoid messy math during a night out.

Group Organizers

They hand off the math for splitting hotel and transport costs to the agent.

Concert Goers

They use the agent to track their personal spending limits for the night.

What Changes When You Connect

- 01 Eliminates manual math for group splits.
- 02 Combines transport and parking into one logistics total.
- 03 Provides a clear view of total group spending.

Real-World Applications

Splitting a Rideshare

After a show, tell your agent the taxi cost and the number of people to find out what everyone owes.

Personal Spending Limits

Input your ticket and food estimates to see your total personal cost for the night.

Travel Planning

Add up train fares and parking fees to see how much it costs just to reach the venue.

Group Budgeting

Get a high level summary of what the whole group is planning to spend on the event.

Patterns to Avoid

Manual math for group splits

❌ AVOID

You try to divide a \$140 taxi fare by four people using a calculator and then manually track who paid what.

✓ INSTEAD

Give the taxi cost and the number of people to your agent and use ``calculate_group_split`` to get the exact amount each person owes.

Ignoring hidden travel costs

❌ AVOID

You only budget for the ticket price and realize later that parking and trains cost an extra \$60.

✓ INSTEAD

Input all your transport and parking fees into ``estimate_logistics_cost`` to see the true price of getting to the venue.

Vague group budget estimates

❌ AVOID

You tell your friends the trip will cost about \$200 each without knowing the actual total for the whole group.

✓ INSTEAD

Use ``summarize_event_budget`` to get a clear, high level overview of the entire group's planned spending.

The Right Fit

Connect this MCP if you are organizing a group trip to a show or festival and want to avoid messy math. Do not connect it if you are traveling alone and only care about a single ticket price. The

decision depends on whether you have shared expenses like hotels or rideshares to manage.

Concert Night Budgeter Tools for Group Trip Planning

These tools handle the math for individual costs, group splits, and total travel logistics.

#	TOOL	DESCRIPTION
01	calculate_group_split	This tool divides a shared expense among a group. It calculates exactly what each person owes when one person pays the full bill upfront.
02	calculate_individual_total	This tool finds your personal cost for the night. It sums up your specific tickets, food, and individual expenses.
03	estimate_logistics_cost	This tool totals your travel expenses. It adds up costs like parking, trains, or rideshares to show the price of getting to the venue.
04	summarize_event_budget	This tool provides a high level overview of the entire group's planned spending. It shows the grand total for the whole outing.

See It in Action

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

U How much will it cost me for a concert if the ticket is \$100, fees are \$15, and I plan to spend \$40 on food and \$25 on a t-shirt?



Your total budget for the concert is \$180.

U We spent \$60 on a taxi for 3 people. How much does each person owe if we split it equally?



Each person owes \$20.

U What are my total logistics costs if the train costs \$30 and parking is \$15?



Your total logistics cost is \$45.

Frequently Asked Questions

01 How do I use this MCP with my AI?

You connect your preferred MCP-compatible client like Claude, Cursor, or Windsurf to Vinkius. Once connected, your agent can immediately use the budgeting tools.

02 Can I split costs for a hotel stay?

Yes. You can use the group split tool to divide the cost of lodging or any other shared expense among your friends.

03 Does this track my travel costs?

Yes. The logistics tool aggregates costs like parking, trains, and rideshares to show your total movement expenses.

04 Will it tell me my total personal cost?

Yes. You can use the individual total tool to sum up your tickets, food, and other personal spending.

05 Do I need to host this myself?

No. Vinkius hosts and manages the MCP for you. You just connect and start using it.

06 How do I split a shared ride-share cost?

You can use the ``calculate_group_split`` tool to divide the total ride-share amount among all participants using either an equal or weighted split.

07 Can I include food and merchandise in my budget?

Yes, the ``calculate_individual_total`` tool allows you to include estimated spending on food and merchandise to get a complete personal budget.

08 How do I see the total cost for the whole group?

Use the ``summarize_event_budget`` tool to get a high-level overview, including the grand total and the average cost per person.

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>"concert-night-budgeter": { "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

Concert Night Budgeter 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	https://edge.vinkius.com/{token}/mcp

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