

M C P SERVER

NO CODE

CLOUD HOSTED

Party Budget Builder is your event planner.

Get precise cost breakdowns for any gathering without the math headache.

Party Budget Builder handles the heavy lifting for event finances. It lets your AI client calculate base costs, add taxes and tips, and set aside safety buffers. Instead of manually tracking every line item, you just tell your agent what you're spending, and it builds a complete, ready-to-use budget breakdown.

A+ Quality Score 100/100

budget

event

calculator

planning

finance



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.

Party Budget Builder MCP

4 tools available

Cloud-hosted on Vinkius

Planning an event involves more than just picking a venue. You have to account for service charges, local taxes, and the inevitable unexpected costs that pop up at the last minute. This MCP gives your AI client the specific math tools needed to manage those variables. You can feed your agent a list of raw expenses, and it will process them into a structured budget. It handles the subtotalling of your primary costs, applies the necessary fees and taxes, and calculates a contingency buffer so you aren't caught short. Whether you're organizing a small dinner or a large wedding, you can use it to generate a full, itemized breakdown of every single cent required to make the event happen.

Core Capabilities

01 — Base Cost Aggregation

Your agent sums up all primary expenses like food, decor, and venue costs.

02 — Tax and Tip Calculation

The MCP applies specific percentages for service charges and local taxes to your subtotal.

03 — Safety Buffer Planning

Your AI client calculates a contingency fund to protect you from overspending.

04 — Complete Budget Generation

The agent produces a single, itemized list containing every cost component for the event.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/party-budget-builder — connect your AI agent in three steps.

- 01 Connect the MCP to your client like Claude or Cursor via Vinkius.
- 02 Provide your agent with a list of expenses or a total amount.
- 03 Ask the agent to calculate taxes, tips, or a contingency buffer.
- 04 Request a full budget breakdown to see the final itemized list.

Connecting this MCP to your AI client is a one-time setup that enables instant financial calculations.

Built For

This MCP is built for anyone managing event logistics who wants to offload the math to an AI agent.

Event Planners

They hand off raw vendor quotes to the AI to get instant, formatted budget breakdowns.

Private Hosts

They use the agent to ensure they have enough money set aside for tips and unexpected costs.

Small Business Owners

They use it to quickly estimate costs for corporate gatherings or client dinners.

What Changes When You Connect

- 01 Eliminates manual math errors when calculating taxes and tips.
- 02 Ensures you always include a contingency buffer in your planning.
- 03 Provides a single, unified breakdown of all event costs.

04 Works directly within your existing AI chat interface.

Real-World Applications

Wedding Planning

Calculate the total cost of a wedding including venue, catering, and service fees.

Birthday Parties

Set aside a specific contingency amount to cover last minute decor or extra guests.

Corporate Dinners

Quickly determine the subtotal and tax for a business meal.

Budget Auditing

Use the full budget tool to verify that all individual costs add up to your total limit.

Patterns to Avoid

Ignoring hidden costs

❗ AVOID

You tell your agent the total cost is just the venue and food, then wonder why you're over budget later.

✓ INSTEAD

Always use ``calculate_contingency`` to set aside extra funds for those inevitable last minute surprises.

Manual tax math

❗ AVOID

You try to manually calculate local sales tax and service tips on a napkin before entering them into your agent.

✓ INSTEAD

Let the MCP do the math by using ``apply_fees_and_taxes`` to ensure your subtotal is handled correctly.

Missing the big picture

❗ AVOID

You look at individual vendor quotes one by one without seeing how they impact your total spending limit.

✓ INSTEAD

Run ``generate_full_budget`` to get a single, itemized breakdown that shows how every cent fits into your plan.

The Right Fit

Connect this MCP if you manage event logistics and want to stop doing manual math in your chat window. Don't connect it if you're just browsing menus or don't have a specific budget to track. The decision comes down to whether you need a structured, itemized breakdown of every expense.

Party Budget Builder Tools for Precise Event Math

These tools handle the heavy lifting of event math, from summing raw expenses to calculating taxes and contingency funds.

#	TOOL	DESCRIPTION
01	apply_fees_and_taxes	This tool calculates the extra costs for taxes and gratuities based on your subtotal.
02	calculate_subtotal	Use this to find the sum of all your primary event expenses before any fees are added.
03	generate_full_budget	This tool creates a complete breakdown of every cost, tax, tip, and contingency amount for your event.
04	calculate_contingency	This tool determines the extra money you should set aside to cover unexpected expenses.

See It in Action

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

- U** Calculate a full budget for a wedding with a \$5000 venue, \$3000 food, \$1000 drinks, 8% tax, 15% tip, and 10% contingency.



The total budget for your wedding is \$10,450.00. This includes a subtotal of \$9,000.00, \$720.00 in taxes, \$1,350.00 in tips, and \$980.00 for contingency.

- U** What is the subtotal for a small dinner costing \$200 for food and \$50 for drinks?



The subtotal for your dinner is \$250.00.

- U** I have a running total of \$1200. How much should I set aside for a 15% contingency?



A 15% contingency on \$1,200.00 is \$180.00.

Frequently Asked Questions

01 How do I use this MCP with Claude?

You connect to the MCP through the Vinkius platform. Once connected, you can simply ask Claude to perform budget calculations using the tools provided.

02 Can I calculate taxes and tips at the same time?

Yes. You can use the `generate_full_budget` tool to get a single breakdown that includes taxes, tips, and contingency amounts all at once.

03 What is a contingency in this context?

A contingency is an extra amount of money you set aside to cover unexpected or unplanned expenses during your event.

04 Do I need to provide the tax percentage?

Yes, you should tell your agent the specific tax or tip percentage you want to apply so it can calculate the amounts accurately.

05 Does this MCP work with Cursor or Windsurf?

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

06 How do I calculate the total cost of my party?

You can use the ``generate_full_budget`` tool to provide all your costs and rates, which will return a complete breakdown including the grand total.

07 Can I calculate taxes and tips separately?

Yes, use the ``apply_fees_and_taxes`` tool to calculate specific tax and tip amounts based on your subtotal.

08 What is a contingency buffer?

A contingency is a safety fund. You can use ``calculate_contingency`` to determine how much extra money to set aside based on your running total to cover unexpected costs.

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>"party-budget-builder": { "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

Party Budget Builder 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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