

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

Attraction Ticket Calculator MCP

Handle group pricing and tax math without manual spreadsheets.

Attraction Ticket Calculator MCP handles the math for visitor groups. It calculates final totals including taxes and discounts, checks if groups meet specific pricing rules, and breaks down costs by visitor category. You can use it in any MCP-compatible client like Claude or Cursor to get instant pricing summaries.

A+ Quality Score 100/100

revenue

tax

pricing

tickets

visitor-management



SCAN TO VIEW

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.

Attraction Ticket Calculator MCP

4 tools available

Cloud-hosted on Vinkius

Managing ticket sales for attractions involves more than just multiplying headcounts by a base price. You have to account for varying tax rates, group eligibility, and different pricing tiers for adults or children. This MCP handles those calculations for you. Instead of building complex formulas in a spreadsheet, you just tell your AI client what the group looks like. It can determine the exact amount a group owes after taxes and discounts are applied. It also checks if a group actually qualifies for certain rates based on their size or composition. If you need to see how much tax is driving up your total or want a clear breakdown of costs across different visitor types, this tool provides those numbers immediately. It turns your agent into a specialized pricing assistant that stays accurate regardless of how many variables you throw at it.

Core Capabilities

01 — Revenue Calculation

Your agent calculates the final payment amount for any group size.

02 — Tax Analysis

The tool determines the exact cost increase caused by different tax rates.

03 — Tiered Costing

Your client gets a clear breakdown of costs for different visitor categories.

04 — Eligibility Checks

The agent verifies if a group meets the necessary criteria for specific pricing.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/attraction-ticket-calculator — connect your AI agent in three steps.

- 01 Connect your preferred MCP client to Vinkius.
- 02 Select the Attraction Ticket Calculator from the catalog.
- 03 Ask your agent to perform a calculation or check eligibility.
- 04 Receive the precise total, tax, or breakdown directly in your chat interface.

Connecting to this MCP gives your AI client immediate access to specialized financial tools.

Built For

This MCP is built for professionals managing visitor-based businesses who need fast, accurate pricing math.

Attraction Managers

Hand off group pricing requests and tax calculations to your agent.

Ticketing Agents

Use the agent to quickly verify if a group qualifies for special rates.

Finance Coordinators

Let the agent summarize tiered pricing and tax impacts for revenue reports.

What Changes When You Connect

-
- 01 Eliminates manual math errors in group pricing.
 - 02 Provides instant tax impact assessments.
 - 03 Automates the verification of group eligibility rules.
 - 04 Generates clear cost breakdowns by visitor type.
-

Real-World Applications

Group Booking Quotes

Get a final total for a large group including all discounts and taxes in seconds.

Tax Compliance Checks

See exactly how much tax is being applied to different ticket types.

Tiered Pricing Management

Calculate costs when a group contains a mix of adults, children, or seniors.

Minimum Group Verification

Check if a current visitor count is enough to trigger specific group rates.

Patterns to Avoid

Manual Spreadsheet Math

❌ AVOID

You try to manually calculate a group's total by multiplying headcounts and adding tax percentages in a chat window.

✓ INSTEAD

Let the agent do the heavy lifting. Use ``get_total_revenue`` to get the exact final amount including all taxes and discounts.

Guessing Group Eligibility

❌ AVOID

You assume a group of 15 people qualifies for a discount without checking the specific rules.

✓ INSTEAD

Run a check first. Use ``validate_visitor_eligibility`` to confirm if the group meets the requirements for specific rates.

Ignoring Tax Breakdown

❌ AVOID

You tell a customer the total price but can't explain why the tax amount looks so high.

✓ INSTEAD

Get the specific details. Use ``calculate_tax_impact`` to see exactly how much different tax rates increase the total cost.

The Right Fit

Connect this MCP if you manage visitor-based businesses like theme parks or museums and need to handle complex group pricing. Do not connect it if you only sell single-ticket items with flat pricing. The decision comes down to whether your pricing involves multiple tiers, taxes, and group eligibility rules.

Attraction Ticket Calculator: 4 Specialized Pricing Tools

These tools handle the math for group pricing, tax calculations, and visitor eligibility checks.

#	TOOL	DESCRIPTION
01	get_total_revenue	This tool calculates the final amount a group of visitors needs to pay. It factors in the base price, applicable taxes, and any discounts.
02	calculate_tax_impact	This tool evaluates how much different tax rates increase the total cost. Use it to see the specific cost of tax on a transaction.
03	get_tiered_pricing_summary	This tool provides a cost breakdown for groups with different visitor types. It shows how much each category contributes to the subtotal.
04	validate_visitor_eligibility	This tool checks if a specific number of visitors meets the requirements for certain pricing rules. It confirms if a group qualifies for a specific rate.

See It in Action

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

U What is the total cost for 10 visitors if the ticket price is 50, the tax rate is 0.05, and there is a 5 discount?



The total amount is 472.50. This includes a subtotal of 450.00 and a tax amount of 22.50.

U How many more people do I need to reach a group size of 15 if I have 10 visitors?



You need 5 more visitors to reach the minimum group size of 15.

U Show me the pricing breakdown for 2 adults at 100 each and 3 children at 50 each.



The total subtotal is 350.00. The breakdown is: adult: 200.00, child: 150.00.

Frequently Asked Questions

01 What can this MCP calculate?

It calculates total revenue, tax impacts, and tiered pricing breakdowns for visitor groups.

02 Can it handle discounts?

Yes, the total revenue tool factors in discounts to find the final amount owed.

03 How does it handle different visitor types?

The tiered pricing tool provides a specific breakdown of costs for different categories like adults or children.

04 Does it check for group minimums?

Yes, the eligibility tool determines if a visitor count meets specific pricing rules.

05 Which AI clients can use this?

You can use this with any MCP-compatible client, including Claude, Cursor, and Windsurf.

06 How do I calculate the final price for a group?

You can use the ``get_total_revenue`` tool by providing the visitor count, base ticket price, tax rate, and any applicable discount.

07 Can I check if a group qualifies for a discount?

Yes, use the ``validate_visitor_eligibility`` tool to determine if the visitor count meets the minimum group size requirement.

08 How is tax calculated?

The ``calculate_tax_impact`` tool calculates the tax amount and the total including tax based on the subtotal and the decimal tax rate provided.

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>"attraction-ticket-calculator": { "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

Attraction Ticket Calculator 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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