

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

Affiliate Commission Engine MCP.

Automate accurate payouts and regional tax compliance.

Affiliate Commission Engine MCP handles the math behind your affiliate programs. It calculates individual sales, manages volume-based tiers, and applies regional tax multipliers for the USA and EU. Your AI client uses these tools to ensure every payout is compliant and accurate without manual spreadsheet work.

A+ Quality Score 100/100

commission

affiliate

tax

payout

calculation



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.

Affiliate Commission Engine MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually calculating payouts and checking regional tax rules. This MCP gives your AI agent the ability to run precise commission math for any number of sales. It handles the complexity of tiered structures where rates change based on volume, so you don't have to remember every threshold. If you operate in the USA or EU, the engine automatically adjusts for regional tax multipliers to give you a true net payout. You can also use it to verify that your proposed commissions meet specific regional regulatory requirements. Whether you need to check a single transaction or process a massive batch of sales at once, your agent handles the heavy lifting while you focus on growing the program.

Core Capabilities

01 — Tax-Adjusted Payouts

Your agent applies USA and EU tax multipliers to find net totals.

02 — Tiered Rate Management

The AI calculates different rates based on sales volume thresholds.

03 — Regulatory Verification

Your agent checks if payouts meet regional compliance standards.

04 — Bulk Processing

The tool handles multiple sales transactions in a single request.

05 — Single Transaction Math

Your agent can quickly solve for one specific sale amount and rate.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/affiliate-commission-engine — connect your AI agent in three steps.

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

02 Ask your agent to calculate a commission or check compliance.

03 The agent calls the specific tool needed for the task.

04 The MCP performs the math and returns the adjusted net payout.

Connect your AI client to the Vinkius-hosted MCP to start running calculations.

Built For

This MCP is built for professionals managing affiliate or referral programs who need to automate financial math.

Affiliate Managers

They hand off payout calculations and tier management to the AI.

Finance Operations

They use the agent to verify tax compliance and batch processing.

E-commerce Owners

They use the tool to ensure accurate net payouts for their partners.

What Changes When You Connect

- 01 Reduces manual math errors in commission payouts.
- 02 Automates regional tax adjustments for USA and EU markets.
- 03 Handles complex volume-based commission tiers automatically.
- 04 Provides instant compliance checks for regional rules.

Real-World Applications

Monthly Payout Runs

Your agent uses batch processing to calculate total monthly earnings for all affiliates.

International Compliance

The tool adjusts payouts for EU VAT and USA regional tax rules.

Tiered Incentive Setup

The AI applies specific rates as affiliates hit higher sales volume thresholds.

Single Sale Audits

You can verify the accuracy of a single high-value commission instantly.

Patterns to Avoid

Manual Tier Calculation

❌ AVOID

You try to manually figure out which percentage applies to a high-volume affiliate by looking at a spreadsheet. This leads to errors when thresholds shift.

✓ INSTEAD

Let your agent determine the correct rate automatically using ``get_tiered_commission``.

Ignoring Regional Tax Rules

❌ AVOID

You calculate a flat payout for an EU partner without accounting for local tax multipliers. You end up overpaying or underpaying the net amount.

✓ INSTEAD

Use the engine to ensure your math accounts for USA and EU tax rules automatically.

One-by-One Batching

❌ AVOID

You ask your agent to run the same calculation for 500 different transactions individually. This is slow and inefficient.

✓ INSTEAD

Process the entire group of sales at once with ``batch_calculate_commissions``.

The Right Fit

Connect this MCP if you manage affiliate or referral programs with complex, volume-based payout structures. Do not connect it if your commission model is a single, flat rate with no tax or tier variations. The decision rests on whether your payout math requires regional tax adjustments or tiered thresholds.



Affiliate Commission Engine: 4 Precision Calculation Tools

These tools handle everything from single sale math to massive batch payouts and regional compliance checks.

#	TOOL	DESCRIPTION
01	batch_calculate_commissions	This tool calculates the total payout for a large group of sales in one go.
02	calculate_single_commission	Use this to find the exact commission amount for one specific sale.
03	get_tiered_commission	This tool determines the correct commission rate based on your specific volume thresholds.
04	validate_regional_compliance	This tool checks if a specific commission amount follows regional regulatory rules.

See It in Action

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

U Calculate the commission for a sale of \$500 with a 10% rate in the USA.



The commission is \$50.00, and the net payout after USA regional adjustments is \$45.00.

U What is the commission for a \$1200 sale using these tiers: [{'threshold': 1000, 'rate': 15}, {'threshold': 500, 'rate': 10}] in the EU?



The 15% rate applies here, making the commission \$180.00 and the net payout \$162.00 after EU adjustments.

U Check if a \$100 commission is compliant in the EU.



The commission is compliant with regional rules after applying the VAT adjustment factor.

Frequently Asked Questions

01 Does this MCP handle international taxes?

Yes, it automatically applies regional tax multipliers for the USA and the EU.

02 Can I calculate commissions for many sales at once?

Yes, you can use the `batch_calculate_commissions` tool to process multiple sales in one request.

03 How does it handle different commission rates?

The `get_tiered_commission` tool calculates the correct rate based on the volume thresholds you provide.

04 What AI clients can I use with this?

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

05 Is the tax adjustment included in the total?

The engine provides both the initial commission and the net payout after regional adjustments.

06 How does the engine handle regional taxes?

The engine uses regional multipliers to adjust the gross commission into a net commission, accounting for specific tax rules in the USA and EU.

07 Can I calculate commissions for multiple sales at once?

Yes, you can use the ``batch_calculate_commissions`` tool to process an array of sales and get an aggregated total payout.

08 What happens if a sale amount is below the lowest tier?

When using ``get_tiered_commission``, if the sale amount does not meet any defined threshold, a base rate of zero is applied.

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>"affiliate-commission-engine": { "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

Affiliate Commission Engine 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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Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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