MCP SERVER | NO CODE | CLOUD HOSTED

Nuvei MCP

Process transactions, vault cards, and audit settlements.

Nuvei MCP lets your AI client manage global payments, tokenize sensitive card data, and track transaction history using natural conversation. Instead of logging into a complex merchant dashboard, you tell your agent what payment needs processing or which settlement status you need verified. This is for handling everything from initial charges to refunds and securely vaulting customer payment methods.

A+ Quality Score 100/100

global-payments | transaction-auditing | tokenization | merchant-services | ecommerce-payments | api-integration

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vinkius.com/mcp/nuvei

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Nuvei MCP

10 tools available
Cloud-hosted on Vinkius

Manage global payments directly through chat. Connect this MCP to let your AI client handle the full lifecycle of transactions—from authorizing a new purchase to auditing historical settlements, all without leaving your workflow. Your agent can initiate live charges or capture previously authorized amounts using conversational prompts. Need to update customer payment details? You don't have to worry about raw card numbers; simply ask your agent to securely vault and refresh token information. Furthermore, you can pull detailed records of past activity or verify the current status of an asynchronous settlement instantly. By connecting this service through Vinkius, you give any MCP-compatible client access to a complete financial toolkit that handles everything from generating payments to canceling pending charges.

Core Capabilities

01 — Process new and authorized charges

Start live payment requests or capture previously held funds using conversational commands.

02 — Securely vault card details

Tokenize raw card numbers, storing them securely in a vault without exposing sensitive data.

03 — Audit payment history and status

Retrieve current settlement statuses or list multiple historical transaction records for reconciliation.

04 — Manage token lifecycles

Refresh expiration dates on stored tokens, delete old payment credentials, or view existing vault details.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/nuvei** — connect your AI agent in three steps.

01 Subscribe to this MCP and provide your Nuvei API keys and merchant account credentials.

02 Direct your AI client to the endpoint. Your agent uses those credentials to make a secure connection to the payment gateway.

03 You issue a command like, 'Check the status of transaction X' or 'Process a $50 charge,' and your agent returns the raw data directly into your chat.

The bottom line is that you get real-time financial data and actionable commands without opening a web browser.

Built For

This MCP is for finance operations teams, support staff, and e-commerce engineers who are tired of switching between multiple systems—dashboards, CRMs, and payment portals—to complete simple tasks. You need one place to verify payments, manage customer accounts, and reconcile money movements quickly.

Finance Operations Manager

Reconciles daily transaction batches or audits failed payments across multiple periods without manually opening the Nuvei control panel.

Technical Support Agent

Quickly locates specific customer transactions and verifies successful payment status for a user complaining about a charge, all within the CRM workflow.

E-commerce Developer

Tests order flows by simulating payments or tokenizing new card details directly from their code editor to ensure checkout logic works before deployment.

What Changes When You Connect

01 Saves time on reconciliation. Instead of manually downloading daily transaction reports to cross-reference accounting entries, you can use the `get_transactions` tool to fetch summaries directly into your chat window for immediate review.

02 Reduces fraud risk by never handling raw card data in plain text. You use `create_card_token` to vault sensitive payment information and reference tokens instead, keeping everything secure.

03 Improves customer support efficiency. When a client calls about a charge, your agent uses the `get_payment` tool to confirm if the transaction cleared or if it's still pending, giving an instant answer.

04 Streamlines refunds and credits. If a shipment is returned, you use `refund_payment` to process the money back immediately via chat, tracking the entire reversal instantly.

05 Prevents accidental charges. If a payment was authorized but needs to be stopped before settlement, you can run `void_payment` directly through your agent instead of needing manual API calls.

06 Maintains data integrity with updates. Need to change an expiring card's date? You use the `update_token` tool to mutate specific fields on the vault record without asking the user for full credentials.

Real-World Applications

Handling a suspicious charge inquiry

A customer support agent needs to check if a client's payment failed. Instead of making the user log into their portal, the agent uses `get_payment` to fetch the current status and reports back instantly: 'I see that transaction ID 987654321 was declined due to insufficient funds.'

Running end-of-day financial audits

The finance manager needs a list of all payments processed yesterday. They ask their agent to run `get_transactions`, receiving an enumerated table showing every charge, refund, and status update for the entire day in one go.

Simulating checkout flow for new features

An e-commerce developer needs to test payment logic. They use `create_payment` followed by `capture_payment` through their IDE, simulating a full, successful purchase cycle without needing a sandbox environment.

Managing subscription renewals

The billing team locates an old customer's details and uses `get_token` to retrieve the active card token. They then use this token for a new charge, ensuring continuous service without asking the user for their credit card number again.

Patterns to Avoid

Handling payments via web forms

✗ AVOID

The developer builds a complex multi-step form requiring multiple API keys and redundant data entry just to submit a single charge.

✓ INSTEAD

Use the `create_payment` tool. Your agent handles the secure exchange of credentials and submits the full request in one command, streamlining the entire process.

Manual token management

✗ AVOID

A support agent tries to manually update a customer's card expiration date by emailing screenshots or calling the payment gateway.

✓ INSTEAD

Use `update_token`. Your agent handles this change directly in the vault using the existing token ID, ensuring the data is mutated correctly and securely.

Guessing transaction status

✗ AVOID

A user checks their dashboard several hours later and doesn't know if a payment cleared or failed, leading to unnecessary follow-up calls.

✓ INSTEAD

Use `get_payment`. Your agent pulls the definitive current status from Nuvei immediately, confirming whether the payment was successful or requires attention.

The Right Fit

Use this MCP if your core business process involves handling money: processing payments, vaulting card data, or auditing settlements. If you need to initiate a charge, refund funds, check an account balance, or manage recurring billing credentials, this is the right toolset. Don't use it if you only need to read static information, like pulling customer names from a contact list, or managing inventory counts; those systems require different MCPs entirely. You should only use these tools when a monetary transaction or financial verification is involved.

The hassle of checking payment status across multiple dashboards

Today, checking if an order actually went through means switching between your CRM's 'Payment Status' tab, then logging into the Nuvei portal to find the settlement ID, and finally opening a separate accounting spreadsheet just to confirm the funds hit. It’s clicks, copies, and context-switching fatigue.

With this MCP, you simply ask your agent: 'What is the status of payment X?' The answer appears right where you are working. You get immediate confirmation on whether the charge cleared or if it's still pending, eliminating three different manual checks.

Manage payments and token lifecycles with Nuvei

You no longer have to manually run reports for every day-end reconciliation. Your agent can list

The process is simple: ask your AI client. It does the complex API calls, pulls the structured data,

historical records using `get_transactions`, fetching a summary of approved charges, refunds, and voids in seconds.

and presents the final answer to you—no dashboards, no code, just answers.

Nuvei MCP: 10 Payment Tools

These ten tools give your agent complete control over the payment lifecycle, allowing you to charge money, refund funds, or audit transaction history directly from chat.

#	TOOL	DESCRIPTION
01	`capture_payment`	Completes a payment that was previously authorized but not yet charged to the customer's card.
02	`create_payment`	Initiates a new, real money charge request through the payment network and returns the transaction ID.
03	`create_card_token`	Takes plain card details and converts them into a secure, vaulted payment token for later use.
04	`delete_token`	Permanently removes a saved payment token to prevent all future charges or one-click purchases from that account.
05	`get_payment`	Checks the current, definitive status of a specific payment ID after it's been processed by the gateway.
06	`get_token`	Retrieves and displays all known details about a card token that was previously vaulted in the system.
07	`get_transactions`	Lists or enumerates a batch of historical payment records for general auditing purposes.
08	`refund_payment`	Processes a refund amount against a fully captured and settled Nuvei payment.
09	`update_token`	Changes specific information, like an expiration date, on a vaulted token without requiring new card details.
10	`void_payment`	Cancels a payment that has been authorized but not yet captured, preventing the final charge.

See It in Action

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

U Fetch the status of transaction ID 987654321.

I've queried Nuvei and the transaction `987654321` was Declined. The Gateway response noted 'Insufficient Funds' on the provided Visa card.

U Show me the 10 most recent transactions on my account.

Here is a table summarizing your 10 most recent Nuvei transactions. You have 9 Approved charges and 1 Refund in pending status.

U Retrieve the token details for Customer UUID `usr-88` in the vault.

The vault details for `usr-88` show an active Card Token ending in 4242, expiring 12/28. Would you like me to initiate a new payment using this token?

Frequently Asked Questions

01 **How do I check if a payment cleared using Nuvei MCP?**

Use the `get_payment` tool. This function queries the gateway and provides the definitive current status of any paid transaction ID, letting you know if funds have actually settled.

02 **Can I use Nuvei MCP to process a refund?**

Yes, you can run `refund_payment` through your agent. This allows you to initiate partial or full refunds against any fully captured payment ID directly within your chat workflow.

03 **What is the difference between create_payment and capture_payment?**

They handle different stages of a transaction. `create_payment` starts the authorization process, while `capture_payment` finalizes the charge for funds that were previously authorized.

04 **How do I securely store customer card details with Nuvei MCP?**

Use the `create_card_token` tool. This converts raw card data into a secure, non-sensitive token ID that you can use for future charges without risking the original payment information.

05 **Can I cancel an authorized charge using Nuvei MCP?**

Yes, you run `void_payment`. This action cancels any pending authorization before the funds are captured, preventing the final charge from going through.

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 `"nuvei": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Nuvei 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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