

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

Square MCP for AI Agents

Manage your retail payments and inventory through a conversational interface.

Square MCP for AI Agents. Manage your Square business through natural conversation. Track payments, orders, catalog, customers, inventory, and team members directly through your AI client.

A+

Quality Score 100/100

point-of-sale

transaction-tracking

inventory-management

crm

refund-processing

business-analytics



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.

Square MCP

10 tools available

Cloud-hosted on Vinkius

The Square MCP connects your commerce data to any AI agent. It lets you manage your business without constant tab switching or digging through menus. Instead of logging into a dashboard to see if you're low on stock or checking a CRM to find a regular's last order, you just ask your agent. You can pull up sales data, look up customer spend, or check team roles without ever leaving your chat interface. It brings your commerce data into one place. Because Vinkius hosts this MCP, you can plug it into your favorite AI client and start managing your entire Square shop with just a few words. It's about getting answers faster so you can spend more time running the actual business.

Core Capabilities

01 — Track daily sales

This MCP pulls your recent payment history so you can see exactly how much money came in today.

02 — Check real-time stock levels

This MCP lets you see current inventory counts across all your different business locations.

03 — Look up customer loyalty and spend

This MCP retrieves customer profiles including their total spend and visit history for better service.

04 — Manage product menus and pricing

This MCP lets you view your entire product catalog to keep your offerings up to date.

05 — View order fulfillments and discounts

This MCP shows you the details of your sales history including line items and applied discounts.

06 — See employee roles and locations

This MCP lists your team members and their specific roles across your various locations.

One Click on Vinkius — From Prompt to Execution

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

- 01 Connect your Square account to the MCP through the Vinkius dashboard.
- 02 Authorize your AI client to access your specific commerce and inventory data.
- 03 Ask questions about your sales, stock, or customers in plain English.

The bottom line is you get a conversational interface for your entire Square business backend.

Built For

Retail owners and restaurant managers who are tired of toggling between their POS system and their chat apps to stay updated.

Shop Owner

Checks daily revenue and inventory alerts from their phone while on the move to stay on top of the business.

Store Manager

Manages staff shifts and checks order status without leaving the front desk during a busy shift.

Inventory Lead

Monitors stock levels across multiple locations to prevent sell-outs and manage reorders efficiently.

What Changes When You Connect

- 01 Get instant sales summaries without opening the Square dashboard by pulling recent payment data.
- 02 Prevent stockouts by checking real-time counts across all your locations from a single chat.
- 03 Identify your best shoppers by quickly pulling spend history and loyalty notes.

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- 04 Keep your menu current by viewing your entire product list and pricing in seconds.
 - 05 Track fulfillment progress on every sale to ensure your customers get their orders on time.
 - 06 Manage your workforce more easily by viewing employee roles and locations from any device.
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Real-World Applications

Checking stock levels

A manager asks for the count of medium shirts downtown and gets a low-stock alert instantly.

Sales recap

A cafe owner asks for today's total tips and gets a breakdown of cash vs card payments.

Customer lookup

A server wants to see a regular's total spend to offer a loyalty discount during a busy lunch.

Team check

An owner needs to see who is working at the second location during the morning rush.

Patterns to Avoid

Trying to process a new payment

X AVOID

Asking the agent to 'charge a customer' or 'take a new order'.

✓ INSTEAD

Use the standard Square POS app to initiate new sales. This MCP is for viewing and managing existing data like `list_payments` and `list_orders`.

Bulk deleting products

X AVOID

Asking the agent to 'delete all items from the catalog'.

✓ INSTEAD

Use the Square dashboard for bulk management. Use `list_catalog` only to view and verify your current offerings.

Complex accounting

X AVOID

Asking for tax filings or year-end balance sheets.

✓ INSTEAD

This MCP handles operational commerce data. Use `list_payments` for daily intake and `list_orders` for sales history.

The Right Fit

Use this if you need to query your Square data, check stock levels, or look up customer history using natural language. It is perfect for retail managers or restaurant owners who need quick answers while on the floor and don't want to keep digging through menus. Don't use this if you need to actually ring up a customer, process a new credit card transaction, or manage complex accounting. You still need the standard Square POS app for those specific actions.

Square MCP for Faster Retail Inventory Management

Most shop owners spend half their day jumping between the Square dashboard, their inventory spreadsheets, and their team's group chats. You have to click through three different menus just to see if you have enough stock for a promotion or to find a customer's last order.

This MCP lets your agent do that work for you. Just ask your AI client for a status update and it pulls the data instantly. You get a clear answer in seconds instead of a dozen clicks.

Square MCP for Real-Time Sales and Customer Insights

You can stop manually cross-referencing your catalog with your current stock levels or hunting through customer notes to find a VIP.

You get a conversational way to run your business that actually stays out of your way until you need it.

Square MCP 10 Tools for Retail Management

Use these tools to query your Square sales, stock, and customer data through your AI client.

#	TOOL	DESCRIPTION
01	<code>list_team</code>	Get a list of all employees and their assigned roles. This helps you see who is working at which location.
02	<code>get_payment</code>	Pull specific details for a single transaction. Use this to see exactly what was purchased and when.
03	<code>list_orders</code>	View a history of sales including line items and discounts. It lets you see every detail of a past order.
04	<code>list_payments</code>	See a list of recent payments to track daily intake. This is great for checking your daily revenue at a glance.
05	<code>list_catalog</code>	Browse your entire product list and menu items. Use it to see everything you have for sale.
06	<code>get_catalog_item</code>	Look up specific details for a single product or menu entry. This gives you pricing and variations for one item.
07	<code>search_customers</code>	Find customer profiles including visit history and total spend. It provides a quick look at your regular shoppers.
08	<code>get_customer</code>	View the full profile and notes for a specific customer. This helps you see personal details and visit history.
09	<code>list_locations</code>	See all physical business locations connected to your account. Use this to manage multiple storefronts.
10	<code>list_inventory</code>	Check current stock counts for all items in your shop. It helps you keep track of what is left on the shelves.

See It in Action

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

U Show me today's payments and total tips collected



Today's Payments — Oct 18

💰 **Total:** \$4,230 (67 transactions)

💳 **Card:** \$3,890 | 🇺🇸 **Cash:** \$340

💖 **Tips:** \$487 (11.5% avg)

📊 **Breakdown:** Dine-in 72% | Takeout 18% | Delivery 10%

U What is the current stock level for medium T-shirts downtown?



Inventory Check: Downtown Location

Item: Logo T-Shirt (Medium)

Current Quantity: **14 units**

Status: Low stock alert (minimum threshold is 15)

U Show me a list of my top 5 customers by total spend.



Top 5 Customers by Lifetime Spend

1. Elena Rodriguez — \$4,250 (32 visits)

2. Marcus Chen — \$3,890 (24 visits)

3. Sarah Jenkins — \$3,100 (15 visits)

4. David Smith — \$2,750 (18 visits)

5. Liam O'Connor — \$2,420 (12 visits)

Frequently Asked Questions

01 Can the Square MCP help me manage my retail inventory?

Yes. It allows your AI agent to pull real-time stock counts from your Square account so you can check availability without opening the dashboard.

02 How do I use the Square MCP to see my daily sales?

You can simply ask your AI client for a summary of your recent payments. It will pull the data and show you your total intake and payment types.

03 Can the Square MCP find my regular customers?

Yes, it can search your customer profiles to find visit history, total spend, and loyalty notes, making it easier to provide personalized service.

04 Does the Square MCP work with my team's roles?

It can list your team members and their assigned roles across all your business locations, helping you manage your staff more efficiently.

05 Can I use the Square MCP to check my product catalog?

Absolutely. You can ask your agent to list your products or look up specific details for any item in your menu or inventory.

06 What businesses use Square?

Square serves millions of merchants worldwide — restaurants, retail, services, and online businesses. From food trucks to multi-location restaurant groups.

07 Does Square support inventory management across multiple locations?

Yes, Square allows you to track and manage inventory levels across various locations in real-time.

08 Can I track employee hours and roles?

Yes, you can manage team members, assign specific roles, and track their shifts and performance.

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>"square": { "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

Square 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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