

MCP SERVER

NO CODE

CLOUD HOSTED

Loyverse MCP

Manage Inventory and Sales Data via Chat

Loyverse connects your AI agent directly to your Point-of-Sale system. You can manage store inventory, track detailed sales data, and look up customer profiles using natural language prompts. Quickly check stock levels across multiple branches, retrieve full receipts for auditing, or pull daily revenue figures without ever opening the dashboard.

A+ Quality Score 100/100

point-of-sale

sales-tracking

inventory-control

retail-management

receipt-management

small-business-tools



The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

Loyverse MCP

4 tools available

Cloud-hosted on Vinkius

This MCP lets you run your entire retail operation through conversation. Instead of jumping between separate dashboards to track sales numbers or check if a product is in stock, you ask your AI client and get the answer immediately. You can programmatically manage inventory levels, pull detailed receipts for any date range, and access full customer history just by talking to your agent.

The system consolidates data from multiple store locations so you don't have to worry about siloed information anymore. By connecting this MCP via Vinkius, your AI client treats the entire Loyverse platform like one single source of truth, making complex tasks—like calculating total sales across three stores yesterday—as simple as asking a question.

Core Capabilities

01 — Retrieve Sales and Receipts

Get aggregated sales metrics or detailed receipts for any date range.

02 — Manage Stock Levels

List specific items in your inventory and check stock levels across different store locations.

03 — Find Customer Records

Search and retrieve detailed profiles for registered customers in the system.

04 — Map Store Locations

List all operational store locations to coordinate tasks across different branches.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP and then generate an Access Token from your Loyverse Back Office.
- 02 Connect your preferred AI client (Claude, Cursor, etc.) using the Vinkius connection details.
- 03 Ask your agent a question about sales or inventory; the system executes the appropriate tool call and returns the data.

The bottom line is, you talk to your agent once, and it handles the complex back-end calls to Loyverse for you.

Built For

This MCP is essential for store managers, retail owners, and customer service teams. It fixes the pain of needing multiple logins or constantly digging through clunky dashboards just to answer simple questions about stock or revenue.

Store Manager

Checks current inventory levels instantly by asking the agent instead of manually opening the dashboard.

Retail Owner

Pulls daily sales numbers or historical revenue reports via chat for quick decision-making.

Customer Service Representative

Looks up customer purchase history and profile details without needing to transfer the customer's information between systems.

What Changes When You Connect

- 01 Audit sales instantly: You can call `!_list_receipts` to get full records for any date range, eliminating the need to manually search through physical ledgers or multiple reports.

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- 02 Know your stock in seconds: Use `l_list_items` to check inventory across all locations, getting immediate counts without navigating deep into the inventory dashboard.

 - 03 Support customers better: When you need a customer's history, simply use `l_list_customers` and retrieve their full profile data for quick service resolutions.

 - 04 Multi-branch coordination: By using `l_list_locations`, your agent coordinates tasks across every store branch, treating all locations as one network.

 - 05 Quick Reporting: Pull aggregate sales metrics or daily revenue figures through conversation, saving time previously spent compiling spreadsheets.
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Real-World Applications

End-of-Day Reconciliation

A store manager needs to confirm the total sales from yesterday across three different sites. Instead of logging into three separate dashboards and exporting reports, they ask their agent to retrieve all relevant receipts using `l_list_receipts`, getting a single consolidated summary.

Auditing Account Activity

A retail owner needs to pull transaction details for a specific date range due to an audit. They use the agent's capability to retrieve receipts with `l_list_receipts`, providing comprehensive data quickly.

Checking for Missing Product Data

A customer service rep needs to know if an obscure product is stocked in the nearest location. They use their agent to call `l_list_items` and check inventory, confirming stock levels immediately without needing a physical walk-through.

Training New Staff

A supervisor trains new staff on locating customer records. Instead of showing them where to click, they prompt the agent using `l_list_customers` and demonstrate how fast the system can pull up a profile by email.

Patterns to Avoid

Trying to manage payroll

X AVOID

Thinking this MCP handles employee timesheets or wage calculations because it talks about store staff.

✓ INSTEAD

This MCP only controls sales and inventory. For payroll, use a dedicated HR system's MCP. If you need to check stock before making an order, use ``_l_list_items``.

Searching for tax filings

X AVOID

Expecting the agent to pull complex state-level tax documentation or quarterly financial reports.

✓ INSTEAD

This tool handles transactional data. For official tax filing, you need an accounting MCP. To get sales numbers, use ``_l_list_receipts`` and filter by date.

Listing all possible products

X AVOID

Asking for a list of every single item that has ever existed in the system's database.

✓ INSTEAD

To see current inventory, use ``_l_list_items``. If you need to know where those items are stored, first call ``_l_list_locations``.

The Right Fit

Use this MCP if your core daily tasks revolve around physical point-of-sale data: checking stock levels, reviewing sales metrics, or managing customer records. It's the right tool for store operations and retail management. Don't use it if you need to handle anything outside of transaction data—like employee payroll, marketing campaign tracking, or external accounting ledger entries. If your problem is 'How do I process a return?', this works perfectly because it deals with receipts. But if your problem is 'How do I schedule next month's paid time off?', you need an HR-specific MCP instead.

The Pain of Manual POS Data Gathering

Today, getting a full picture of store performance means opening the dashboard, exporting a sales report for last week, then opening a separate inventory sheet to check stock levels, and finally compiling all that data into a single email. It's clicking through five different tabs just to answer one question.

With this MCP, your agent does it all in one go. You ask, 'What were total sales yesterday across the Main Street location?' and you get the specific figures back immediately. The process shrinks from ten minutes of dashboard hopping down to a simple conversation.

Loyverse MCP Gives You Total Inventory Visibility

The biggest manual step that goes away is cross-referencing stock counts. Before, if you saw sales figures but didn't know the current inventory count for those items, you had to stop and perform a secondary check in another system tab.

Now, knowing your stock levels or pulling item lists with `l_list_items` happens as part of the same conversation flow. You get real-time operational data without ever leaving your chat interface.

Loyverse: 4 Tools for Retail Operations

These tools let you manage inventory counts, list customers, pull receipts, and map store locations directly through natural language commands.

| # | TOOL | DESCRIPTION |
|----|-------------------------------|---|
| 01 | <code>l_list_customers</code> | Lists every registered customer from your Loyverse POS system. |
| 02 | <code>l_list_items</code> | Provides a list of inventory items in your account, with options to narrow down the search. |
| 03 | <code>l_list_locations</code> | Retrieves details for all store locations linked to your Loyverse account. |
| 04 | <code>l_list_receipts</code> | Lists generated receipts from the POS system, letting you filter by a specific date range. |

See It in Action

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

U Fetch the total sales numbers for all locations yesterday.



Retrieved yesterday's sales figures: A total of \$4,532.10 across 3 stores with 120 individual receipts.

U Check the current inventory level for the item 'Honduras Dark Roast Coffee' at the Main Street location.



The item 'Honduras Dark Roast Coffee' has 45 units in stock at the Main Street location. The low stock alert threshold is 10 units.

U Create a new customer profile for John Doe with the email john@example.com.



Customer profile for 'John Doe' (john@example.com) has been successfully created and linked to your customer database.

Frequently Asked Questions

01 How do I find out what customers Loyverse MCP can list?

You use ``l_list_customers`` to retrieve a full roster of all registered store customers. This gives you the necessary data for marketing or service follow-up.

02 Can I check stock levels using the Loyverse MCP?

Yes, call ``l_list_items``. You can list specific inventory items and get their current stock count across different locations in one command.

03 Does the Loyverse MCP handle online sales?

This MCP focuses on POS and physical store data. While it handles transactions, its core functions deal with in-store sales records via ``_list_receipts``.

04 What if I need to find multiple store locations?

You use the ``_list_locations`` tool. It retrieves details for all store branches, allowing you to run reports or check inventory across your whole chain.

05 How do I get sales data for a specific date range with Loyverse MCP?

Use ``_list_receipts``. This tool lets you specify minimum and maximum dates, ensuring you only pull the relevant transaction records.

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 `"loyverse": { "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

Loyverse 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](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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