MCP SERVER | NO CODE | CLOUD HOSTED

Bold Payments MCP for AI Agents

Manage Colombian POS Terminals and Online Card Transactions

Bold lets you manage every facet of your Colombian payment system directly through your AI agent. Process online card payments, generate shareable links for invoices, remotely operate physical POS terminals, and track settlements—all from a natural conversation with no dashboard switching.

A+ Quality Score 100/100

pos-terminals | online-payments | merchant-services | payment-links | transaction-settlement | smb-tools

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/bold

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.

Bold MCP

14 tools available
Cloud-hosted on Vinkius

Connect Bold to your workflow via any MCP-compatible client and gain full control over your entire Colombian payment infrastructure using plain talk. You can manage everything from generating secure payment links for e-commerce sales to listing all connected physical terminals and triggering payments remotely at the point of sale. Need to fix a mistake? You'll process refunds back to the original card method right through your agent. The system handles transaction intelligence, letting you query historical records by date range or inspect individual details like the card brand used. If you're managing multiple payment systems, Vinkius makes sure this connection is easy to set up and use. This MCP turns your AI client into a dedicated payments operations assistant, eliminating context switching between your day-to-day work and the Bold dashboard.

Core Capabilities

01 — List all connected datáfono devices and remotely trigger in-store payment flows.

Manages physical POS terminals.

02 — Handle card-not-present transactions by processing payments or creating shareable links for specific amounts.

Manages online e-commerce payments.

03 — Query past payment transactions using date ranges and retrieve detailed information on individual settlements, including card brand data.

Provides transaction intelligence and audit trails.

04 — Issue full refunds for approved online payments back to the original payment method.

Manages financial reversals.

05 — Check your current merchant account balance, including available funds and any pending disbursements.

Provides real-time financial oversight.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your Bold API Key and Secret Key.

02 Connect the credentials to your preferred AI client (Claude, Cursor, etc.).

03 Ask your agent natural language questions like, 'Show me all terminals' or 'Process a payment for 500,000 COP,' and it executes the command.

The bottom line is that you manage payments and terminal operations entirely through conversation with your AI client.

Built For

This MCP is for anyone whose job requires managing money flow across physical stores and e-commerce sites. If you spend time jumping between payment portals, dealing with settlement reports, or remotely troubleshooting terminals, this connection saves you hours of manual clicking.

E-commerce Operator

Generates shareable payment links for invoices and monitors transaction status without ever leaving their workspace.

Retail Manager

Remotely triggers payments on POS terminals and tracks daily sales figures directly from conversation prompts.

Finance Team Lead

Queries settlement reports, reviews refund histories, and validates account balances programmatically for monthly reconciliation.

What Changes When You Connect

01 Process payments instantly: Use `create_online_payment` or `initiate_terminal_payment` to handle card transactions whether they're online or at a physical store.

02 Simplify reporting: Get full visibility into cash flow by using `list_transactions` and `get_transaction` to audit payment history across date ranges.

03 Automate link distribution: Generate secure, time-sensitive payment links with `create_payment_link`, letting you collect funds without sending invoices manually.

04 Control your physical network: Use `list_terminals` to see every POS device connected and remotely test or trigger payments using `initiate_terminal_payment`.

05 Handle reversals easily: Issue full refunds by calling `refund_payment`, which automatically sends the reversal back to the original payment source, saving reconciliation time.

Real-World Applications

Physical store terminal troubleshooting

A retail manager notices a POS machine is offline. They ask their agent to `list_terminals`. The agent identifies the specific serial number and confirms its connectivity status, allowing the manager to fix it immediately without calling tech support.

Monthly financial reconciliation

A finance team member asks their agent to `list_transactions` for the last quarter. The agent aggregates all data, reports total volume processed, and identifies any discrepancies that need investigation or refunding.

Handling invoice payments for e-commerce

An operator needs payment from a client. Instead of emailing a manual link, they ask their agent to `create_payment_link` for the exact invoice amount, getting a ready-to-share, expiring URL.

Patterns to Avoid

Checking terminal status manually

✗ AVOID

A user tries to call the support line or physically check every single POS unit to see if it's online and working.

✓ INSTEAD

Just ask your agent to `list_terminals`. It provides a real-time list of all bound devices, their serial numbers, and current connectivity status instantly.

Processing payments piecemeal

✗ AVOID

A user has to manually copy the amount from an invoice into a different payment portal form.

✓ INSTEAD

Have your agent `create_online_payment` directly with the required COP amount and payer details, ensuring compliance and accuracy in one step.

Getting confused about refunds

✗ AVOID

A user assumes a payment refund is instant or that they need to manually contact Bold support to reverse charges.

✓ INSTEAD

Tell your agent to `refund_payment`. It processes the reversal back to the original source, and the system handles notifying you of the process timeline.

The Right Fit

Use this MCP if your payment operations involve multiple channels: online cards, physical POS terminals, *and* detailed financial tracking. You need the ability to generate links, trigger payments, and audit transactions like a finance professional. Don't use it if you only process payments through one dedicated service that doesn't handle terminal management or settlement reporting; in that case, a simpler payment gateway connector might suffice. If your main pain point is simply sending invoices, a basic link generation tool may work, but this MCP gives you the depth to manage the entire lifecycle, including webhooks and balance monitoring.

Bold Payments: Managing Colombian POS Terminals with AI Agents

Today, managing a physical storefront means jumping between the point-of-sale system, checking inventory on one app, and logging into the payment portal to confirm sales. You spend time physically walking around or clicking through multiple dashboards just to get a full picture of daily terminal activity.

With this MCP, you talk to your agent instead. Just ask it to list all terminals connected; the agent pulls that data instantly. It lets you even trigger payments remotely using `initiate_terminal_payment`. You move from hours of manual dashboard hopping to one conversation.

Bold Payments: Simplifying Transaction Settlement Tracking via AI Agents

Before, reconciliation required downloading multiple PDF settlement reports and cross-referencing transaction dates and amounts by hand. It was a tedious process of copy-pasting data into spreadsheets to find discrepancies.

Now, you simply ask the agent for all transactions in a date range. It compiles the list, flags approvals versus declines, and even helps you identify which specific payments need follow-up or refunds using `refund_payment`. You get actionable data, not just raw reports.

Bold Payments: 14 Tools for Transaction Management

Use these tools to programmatically handle every payment workflow, from generating links to listing connected physical datáfono devices.

#	TOOL	DESCRIPTION
01	`create_online_payment`	Processes a card-not-present payment online, requiring specific tokenization details and the amount in COP.
02	`create_payment_link`	Generates a unique, shareable link for customers to pay a specified amount in Colombian Pesos (COP).
03	`create_webhook`	Registers a new HTTPS endpoint so Bold can send real-time notifications about transaction events.
04	`delete_webhook`	Removes an existing webhook endpoint from your merchant account configuration.
05	`get_account_balance`	Checks and returns the current available balance of your Bold merchant account.
06	`get_online_payment`	Retrieves detailed information about a specific online payment transaction.
07	`get_payment_link`	Fetches the current status and details for a known payment link.
08	`get_transaction`	Gets all specific details related to a single transaction ID or reference number.
09	`initiate_terminal_payment`	Triggers a payment directly on a physical POS terminal, requiring the serial number and COP amount.
10	`list_payment_methods`	Lists all accepted card types and payment methods supported by your account.
11	`list_terminals`	Retrieves a list of all physical datáfono devices currently linked to your merchant account, including their status.
12	`list_transactions`	Lists a summary of recent payment transactions over a specified time period.
13	`list_webhooks`	Shows all webhook endpoints you have currently configured and active on your account.

#	TOOL	DESCRIPTION
14	refund_payment	Issues a full reversal for an approved payment, sending the funds back to the original cardholder method.

See It in Action

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

U Show me all the terminals connected to my account. I need their serial numbers.

Active Terminals Report

- Smart Pro #BLD-4291: Online, Last transaction 2 minutes ago.
- Smart Mini #BLD-7803: Online, Idle (Ready for use).
- Smart Pro #BLD-1156: Offline. Status requires physical check.

Please note that you can also tell me to send a payment request to any of these units.

U I need a payment link for 325,000 COP for Invoice #INV-987. It expires in 48 hours.

Link generated successfully! Here is your shareable URL: `https://checkout.bold.co/pay/xyz123abc`.

The link details are:

- **Amount:** 325,000 COP
- **Reference:** INV-987
- **Expires:** [Date + 48 hours]

You can send this via email or text message. Let me know if you need another one.

U What were my total sales from the last two weeks, and how many payments did I process?

Sales Summary (May 15 - May 29)

- **Total Processed Volume:** $18,700,000 COP
- **Transaction Count:** 245 transactions
- **Success Rate:** 96.8% (237 approved)
- **Refunds Issued:** $1,500,000 COP in refunds.

The peak day was May 22nd with 45 sales. Do you want me to break this down by payment method?

Frequently Asked Questions

01 **How can the Bold Payments MCP help me manage my POS terminals?**

You can list all connected datáfono devices and check their real-time status. If a machine is acting up, you can even tell your agent to trigger a test payment right on that terminal using `initiate_terminal_payment`.

02 **Does the Bold Payments MCP make generating invoices easier?**

Yes. You don't have to email manual links. Your agent can generate a secure, shareable payment link with the exact amount and reference number you specify, perfect for e-commerce.

03 **I need to check my total sales history using the Bold Payments MCP.**

The MCP lets you query transaction logs over specific date ranges. You get a summary of total volume processed, how many transactions passed, and details on any refunds that occurred during that time.

04 **How do I handle customer refunds with this MCP?**

You simply ask your agent to issue the refund. It processes the full reversal back to the original payment method using `refund_payment`, keeping a record of the action for accounting.

05 **Can I monitor my merchant account balance with Bold Payments MCP?**

Absolutely. You can ask your agent to check your current account balance anytime, getting details on available funds versus any pending disbursements so you always know your cash position.

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 `"bold": { "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

Bold 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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DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Bold MCP
Server ID	`019d8420-07a2-73c9-a3e1-d077327a55f4`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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