

MCP SERVER

NO CODE

CLOUD HOSTED

# Focus Varejo MCP

## Automate Brazilian Fiscal Document Compliance

Focus Varejo manages all mandatory retail and telecom fiscal documents in Brazil through your AI agent. Instantly emit consumer invoices (NFC-e) for point-of-sale sales, generate service invoices (NFCom), confirm receipt of goods (manifestation), and list every received service bill (NFS-e). It keeps your compliance documentation automated.

**A+** Quality Score 100/100

retail-invoicing

point-of-sale

fiscal-compliance

brazil-tax

telecom-billing



# 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Focus Varejo MCP

8 tools available

Cloud-hosted on Vinkius

Managing Brazilian fiscal paperwork—the stuff that tracks every sale and service rendered—is a nightmare. You need to issue consumer receipts for physical sales, generate invoices for telecom services, confirm incoming deliveries, and track old bills. This MCP handles it all via natural conversation. Your AI client connects to this system, making the entire process conversational. Instead of manually logging into multiple portals or dealing with confusing paperwork flow, you simply ask your agent what needs to be done. It talks to the Focus NFe API to issue NFC-e for retail sales and NFCCom for telecom services. You can also confirm that a supplier's invoice is received by running manifestation commands (NF-e and CT-e), or view all service invoices sent to your company. Because this entire compliance layer is available through Vinkius, you connect once from any MCP-compatible client and immediately gain access to managing every facet of your tax documentation.

---

## Core Capabilities

### 01 — Process retail sales invoices

The tool emits consumer invoices (NFC-e) for immediate point-of-sale transactions.

### 03 — Confirm incoming tax documents

You confirm receipt of supplier invoices using manifestation commands for both NF-e and CT-e.

### 05 — Review received service bills

It lists all service invoices (NFS-e) that have been sent to your company's CNPJ.

### 02 — Generate telecom service invoices

It creates specific invoices (NFCCom) required for communication and telecommunications services.

### 04 — Check invoice status

The system checks the authorization or current status for existing NFC-e or NFCCom records.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/focus-varejo](https://vinkius.com/mcp/focus-varejo) — connect your AI agent in three steps.

- 01 Subscribe to this MCP and provide your Focus NFe API Token and Base URL.
- 02 Your AI client authenticates the connection, making all fiscal data available through conversation.
- 03 You issue a simple command—like 'Issue an invoice for XYZ sale'—and the system executes the required tax documentation sequence.

The bottom line is you tell your agent what needs to happen in plain English, and it handles the complex API calls to generate or check official documents.

---

## Built For

Any business operating in retail, e-commerce, or telecom sectors in Brazil. This MCP is essential for operations managers who are tired of manual compliance checks and purchasing staff who need real-time visibility into incoming tax documentation.

### Retail Operations Manager

Uses the service to automatically issue NFC-e documents during in-store sales, ensuring immediate fiscal compliance without needing a physical POS terminal.

### Accounts Payable Clerk

Directly queries the system to list all received NFS-e bills or confirm incoming deliveries by using manifestation commands for NF-e and CT-e.

### Telecom Billing Specialist

Generates necessary NFeCom invoices efficiently whenever a communication service needs billing documentation, simplifying the compliance workflow.

## What Changes When You Connect

- 
- 01 Avoid manual compliance headaches. Instead of logging into separate government portals, your agent handles issuing NFC-e for retail sales or NFCom for telecom services through one conversation.

---

  - 02 Gain immediate visibility into incoming bills. Using the `list_received_nfse` tool lets you instantly see every service invoice sent to your company, eliminating manual data searches.

---

  - 03 Streamline confirmation workflows. You confirm receipt of goods and transport documents by calling `manifest_nfe` or `manifest_cte`, completing necessary tax steps in seconds.

---

  - 04 Handle errors gracefully. If a sale needs reversing, you can use `cancel_nfce`. Need to know if an invoice is valid? The `consult_nfce` tool checks the status immediately.

---

  - 05 Centralized control over all documentation. You manage every phase—from emission ( `emit_nfce` ) to consultation and manifestation—without context switching between different platforms.
- 

---

## Real-World Applications

### Closing out a major retail sale

A store manager needs to record a high-value in-store sale. Instead of manually calculating and issuing the receipt, they tell their agent: 'Issue an invoice for R\$500.' The agent calls `emit_nfce` immediately, generating the required NFC-e document with confirmation.

### Processing incoming supplier shipments

The purchasing department received a shipment and needs to confirm it. They ask their agent to 'Confirm receipt of NF-e 352...'. The agent executes `manifest_nfe`, officially logging the goods' arrival in the tax system.

### Handling billing for telecom services

The finance team needs to bill a client for monthly data usage. They prompt their agent, 'Generate the service invoice.' The agent calls `emit\_nfcom`, creating and transmitting the required NFCom document.

### Auditing outstanding liabilities

The accounts team needs to know what bills are waiting for them. They ask their agent, 'List all service invoices received last month.' The agent runs `list\_received\_nfse` and provides a clean list of all pending NFS-e records.

---

## Patterns to Avoid

---

### Manual document tracking

#### X AVOID

A clerk receives an email notification about a new invoice, then has to log into the supplier portal, copy the number, and manually enter it into a spreadsheet for filing.

#### ✓ INSTEAD

Ask your agent to `list\_received\_nfse` to pull all records automatically. If you need to confirm receipt, simply tell the agent to use `manifest\_nfe`, eliminating manual data entry entirely.

### Relying on physical paperwork

#### X AVOID

A store owner prints a tax document and files it in a binder, only to find out later that the confirmation was never properly logged with the government authority.

#### ✓ INSTEAD

Always use your agent to confirm status using `consult\_nfce` or `consult\_nfcom`. This verifies the digital record exists and is authorized on the official API.

### Ignoring document cancellations

#### X AVOID

A sale was made incorrectly, so the cashier prints a physical void slip but never notifies the tax authority that the original receipt must be nullified.

#### ✓ INSTEAD

When an error happens, use `cancel\_nfce`. This electronically voids the record and properly logs the cancellation with the required authorities.

---

## The Right Fit

Use this MCP if your business operates in Brazil and requires continuous, high-volume management of mandatory fiscal documentation (NFC-e, NFCom, NFS-e, etc.). You need an automated way to transform complex API calls into simple conversational actions. Don't use it if you only manage internal HR documents or basic CRM data; those require different MCPs. If your primary pain point is simply reading external reports without taking

action, a pure 'read-only' tool might suffice. But because this MCP covers everything from emission ( `emit_nfce` ) to confirmation ( `manifest_nfe` ) and retrieval ( `list_received_nfse` ), it's the definitive choice for compliance automation in retail and telecom.

---

---

## The constant cycle of tax paperwork is exhausting.

Today, managing sales invoices means juggling multiple systems. You make a sale at the counter, print the receipt, then separately have to log into a government portal to ensure the NFC-e was properly issued and authorized. If you receive goods, you're constantly copying manifest numbers and manually confirming receipts across different tabs just to keep your books clean.

With this MCP, that whole process vanishes. Your agent handles the compliance flow instantly. You simply tell it what happened—a sale occurred or a delivery arrived—and it executes all necessary steps: issuing NFC-e or running `manifest_nfe` . The system manages the complexity behind the curtain.

---

## Focus Varejo MCP gives you total control over fiscal records.

The tedious manual steps that disappear include cross-referencing physical paperwork with digital logs, waiting for batch confirmations to clear, and the hours spent confirming if a document is even valid. Your agent takes care of all these status checks using `consult_nfce` or `consult_nfcom` before you ever have to worry about it.

It's not just about issuing documents; it's about having an immediate, verifiable paper trail for every transaction. You get absolute certainty that your compliance documentation is current, confirmed, and ready for audit.

---

# Focus Varejo: 8 Fiscal Tools for Compliance

These tools allow you to manage every step of your tax documentation lifecycle, including generating, consulting, and confirming all required Brazilian fiscal records.

#	TOOL	DESCRIPTION
01	cancel_nfce	Cancels a consumer invoice (NFC-e) if it was issued incorrectly or needs to be voided.
02	consult_nfce	Checks the current authorization status and validity of an existing NFC-e document.
03	consult_nfcom	Verifies the operational status of a generated Communication/Telecom Service Invoice (NFCom).
04	emit_nfce	Generates and issues a new NFC-e document for retail sales transactions.
05	emit_nfcom	Creates and sends a new NFCom invoice specifically for telecommunications services billing.
06	list_received_nfse	Retrieves a comprehensive list of all service invoices (NFS-e) received by your company's CNPJ.
07	manifest_cte	Confirms receipt and acknowledgment of transport documents using the CT-e manifest command.
08	manifest_nfe	Sends a confirmation (Ciência, Confirmação) that you have received and processed goods documented by an NF-e.

---

## See It in Action

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

**U** Emit an NFC-e for a sale of R\$89.90.



NFC-e emitted! Reference: NFC-001. Status: Authorized.

**U** Manifest NF-e 352301000000000000055001000001000 as confirmed.



Manifestation sent successfully. Event: Confirmation (210760).

**U** List all service invoices received by CNPJ 12.345.678/0001-00.



Found 12 received NFS-e. Latest: Service from XYZ Company, R\$500.00.

---

## Frequently Asked Questions

### 01 How do I issue a consumer invoice with Focus Varejo MCP?

You tell your agent to emit the invoice. The system calls `emit\_nfce` to create and send the NFC-e document for your retail sale.

### 02 Can I list all my past service bills using Focus Varejo MCP?

Yes, you can use the `list\_received\_nfse` tool. It pulls a complete record of every service invoice sent to your company's CNPJ.

---

**03 What is the difference between manifest\_nfe and emit\_nfce?**

You use `emit\_nfce` when you are *creating* a sale receipt. You use `manifest\_nfe` when you have *received* goods and need to confirm that receipt to the tax authority.

---

**04 What if I need to cancel an invoice? Do I call Focus Varejo MCP?**

Yes, use the `cancel\_nfce` tool. It handles the formal process of voiding the original NFC-e document and logging that cancellation correctly.

---

**05 Is this MCP only for retail stores?**

No. While it covers retail, it also supports telecom billing via NFCCom and general supply chain confirmations using manifestation tools like `manifest\_cte`.







---

# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"focus-varejo": { "url": "..."</code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# Focus Varejo 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

### INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Focus Varejo. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

### DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Focus Varejo MCP
Server ID	019d759d-27ee-72a3-94d9-f11e49770a30
Platform	Vinkius Cloud for AI Agents
Endpoint	<a href="https://edge.vinkius.com/{token}/mcp">https://edge.vinkius.com/{token}/mcp</a>

### LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit [vinkius.com/mcp/focus-varejo](https://vinkius.com/mcp/focus-varejo).