

MCP SERVER

NO CODE

CLOUD HOSTED

Focus Admin MCP

Manage Brazilian Fiscal Documents via Conversation

Focus Admin is an MCP that lets you handle complex Brazilian fiscal operations through natural language conversation. It manages electronic invoicing, allowing agents to send correction letters, invalidate numbering ranges, download required XML and PDF documents, and list historical tax records for compliance checks.

A+ Quality Score 100/100

electronic-invoicing

fiscal-compliance

brazil-tax

xml-processing

invoicing



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.

Focus Admin MCP

10 tools available

Cloud-hosted on Vinkius

This MCP connects your AI agent directly to advanced fiscal management tools. Instead of logging into a dedicated portal or navigating complex menus, you talk to your agent and tell it exactly what needs fixing in your accounting books. You can issue correction letters (CC-e) for minor invoice errors or cancel previously sent corrections. Need to prove a number range is unusable? The system marks the numbering as invalid. It also handles document retrieval, letting you download both the raw XML files and the printable PDF versions of invoices, whether they're NF-e or NFS-e. Furthermore, you can list all documents issued or received within any date window, making annual compliance checks simple to prompt for. When you connect this MCP through Vinkius, your agent handles these complex fiscal tasks without needing manual API calls.

Core Capabilities

01 — Manage Invoice Errors

Issue or cancel correction letters (CC-e) for authorized electronic invoices.

02 — Control Document Numbering

Mark specific ranges of invoice numbers as damaged or lost, preventing their use in new documents.

03 — Retrieve Tax Documents

Download the required XML data and corresponding PDF copies for electronic invoices and other specific tax events.

04 — Check Document Status

Query systems to verify if available documents exist by their unique identifying number (NSU).

05 — Audit Historical Records

List all electronic invoices or service receipts that were issued or received within a specific time frame.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/focus-admin — connect your AI agent in three steps.

- 01 Subscribe to this MCP and provide your Focus NFe API Token along with the necessary Base URL.
- 02 Your AI client establishes the connection, granting your agent access to all fiscal tools.
- 03 You simply instruct your agent—for example, 'List all NF-e documents for Q1 2026'—and it executes the required actions.

The bottom line is that you use natural conversation to execute complex accounting and compliance operations.

Built For

This MCP is built for professionals dealing with Brazilian tax law who hate spending hours cross-referencing dashboards. It's for the Compliance Officer stuck in manual PDF downloads, the Accountant needing bulk data extraction, and the Fiscal Analyst who needs to correct errors fast.

Fiscal Analyst

Issues correction letters or marks unusable numbering ranges without having to access the main fiscal portal.

Accounting Team Manager

Downloads XML and PDF files in bulk, and lists all required invoices by date range for month-end closing.

Compliance Officer

Verifies document availability using the NSU or checks historical records to ensure tax requirements are met.

What Changes When You Connect

- 01 Instead of logging into multiple fiscal portals, you manage all necessary corrections and status checks in one conversation. You can use the `send_cc_e` tool to fix minor invoice mistakes instantly.

-
- 02** Audit historical tax records effortlessly. Using the `list_nfe_by_period` function, your agent gathers every NF-e or NFS-e document within a specific date range for quick compliance checks.
-
- 03** Never manually download documents again. You can request either the printable PDF (`download_nfe_danfe`) or the raw XML data (`download_nfe_xml`), depending on whether you need to view it or process it.
-
- 04** Keep your numbering clean and compliant by using `inutilize_numbering` when an invoice series is compromised, preventing future errors before they happen.
-
- 05** The ability to check document availability via NSU with `distribute_dfe` means you confirm a document's existence instantly without guessing the file name or number.
-

Real-World Applications

Correcting a Billing Error

The accountant finds that Client XYZ's phone number was mistyped on Invoice 501. Instead of generating a physical amendment, they ask their agent to run `send_cc_e` for NF-e 501, correcting the specific field and getting immediate confirmation.

Data Reconciliation

The team needs raw data—not just a PDF—for tax reconciliation. They ask the agent to run `download_nfe_xml` and receive the clean XML file, which they can then feed directly into their accounting software.

Quarterly Tax Audit Prep

The compliance officer needs every single invoice (both issued and received) from Q2. They prompt their agent to use `list_nfe_by_period` for the date range, gathering all necessary documents into one structured report.

Missing Document Verification

A vendor claims an invoice should exist but doesn't know the exact number. The user asks the agent to use `distribute_dfe` with only the NSU, instantly confirming if the document is available for download.

Patterns to Avoid

Using general search tools

✗ AVOID

The user searches a general knowledge base and finds instructions on what an 'NF-e' is, but they can't actually execute any commands or get the required files.

✓ INSTEAD

To perform actions, use this MCP. For instance, if you need to fix data, run ``send_cc_e``. If you just need a list, use ``list_nfe_by_period``.

Copy-pasting API calls

✗ AVOID

A developer manually constructs an HTTP request for document listing every time they need data, which is slow and error-prone.

✓ INSTEAD

Just tell your agent what you need. For example, instead of calling a complex function, simply ask the agent to 'list all NFS-e received last month' using ``list_nfse_received``.

Overlooking document types

✗ AVOID

The user assumes that if an invoice was generated, it must be an NF-e and forgets the service receipt (NFS-e) option.

✓ INSTEAD

Always check both options. If you're listing services, use ``list_nfse_emitted`` or ``list_nfse_received``. For goods, stick to ``list_nfe_by_period``.

The Right Fit

Use this MCP if your primary pain point is the manual effort of handling Brazilian fiscal compliance documents. If you need to fix invoices (`send_cc_e`), download specific data formats (XML/PDF), or audit historical transactions by date range, this connector works for you. Don't use it if you are simply looking up general tax laws; that requires a legal database search. Also, don't expect it to generate the original invoice—it only manages and corrects existing ones. If your goal is purely internal data transformation without external document interaction, consider a generic ETL connector instead.

The Manual Tax Audit Nightmare

Think about doing a quarterly audit right now. You open the billing portal, find the date range selector, and manually run the report for NF-e documents. Then you repeat that entire process for NFS-e records. After downloading dozens of PDFs, you realize your accounting software needs the raw XML data for reconciliation, so you have to download those too—and then copy/paste key details into a spreadsheet.

With this MCP, you just tell your agent: 'Gather all NF-e and NFS-e documents issued between March 1st and March 31st.' The system handles the complex listing logic across multiple document types. You get structured data directly, not a folder of PDFs.

Focus Admin MCP: Instant Correction and Data Retrieval

Before this MCP, correcting an invoice error meant identifying the exact NF-e number, figuring out if the correction was allowed, and then manually submitting a request to generate and send the CC-e. This process involved several steps across different web pages.

Now, you simply ask your agent to 'Send a Correction Letter for Invoice 987.' The MCP executes the necessary validation and submission sequence in one conversational step. It's direct, reliable, and immediate.

Focus Admin with 10 Tools


These tools let you perform every complex fiscal operation—from correcting invoices to listing historical receipts—without ever touching a manual form or dashboard.

#	TOOL	DESCRIPTION
01	<code>send_cc_e</code>	Sends a Correction Letter (CC-e) when minor errors are found on an NF-e document.
02	<code>cancel_cc_e</code>	Cancels any Correction Letters that were previously sent through the system.
03	<code>distribute_dfe</code>	Checks for and retrieves available DF-e documents using a unique identifying number (NSU).
04	<code>download_nfe_danfe</code>	Downloads the printable PDF version of an NF-e document.
05	<code>download_nfe_xml</code>	Downloads the raw XML file for an electronic invoice, ideal for data processing.
06	<code>download_event_xml</code>	Downloads the specific XML data related to a particular NF-e event, like manifestations.
07	<code>inutilize_numbering</code>	Marks a range of electronic invoice numbers as unusable or invalid.
08	<code>list_nfse_emitted</code>	Lists service receipts (NFS-e) that the company has issued to clients.
09	<code>list_nfse_received</code>	Lists service receipts (NFS-e) that the company has received from vendors.
10	<code>list_nfe_by_period</code>	Retrieves a comprehensive list of all NF-e documents issued or received within specified dates.

See It in Action

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


U Send a CC-e for NF-e REF-001 correcting the buyer's phone number.

 CC-e sent successfully! Protocol: 123456789.

U Inutilize NF-e numbering from 1000 to 1050 for series 1, model 55, year 2026.

 Numbering range 1000-1050 successfully inutilized for series 1.

U List all NF-e issued by CNPJ 12.345.678/0001-00 from 2026-03-01 to 2026-03-31.

 Found 47 NF-e documents in the specified period.

Frequently Asked Questions

01 How do I download XML documents using Focus Admin?

You use the `download_nfe_xml` tool to get the raw electronic invoice file. This is useful because you can process the data programmatically instead of relying on a PDF view.

02 Can I list all service receipts, not just invoices, with Focus Admin?

Yes, you have tools for both. You can use `list_nfse_emitted` to see what your company sent out, or `list_nfse_received` to track what came in.

03 What happens if I send a CC-e and need to undo it?

The MCP includes the `cancel_cc_e` tool. You can use this specific function to revoke or cancel any Correction Letters you previously issued through the system.

04 Is Focus Admin good for checking document status?

Yes, it is. The `distribute_dfe` tool allows your agent to query available documents using their unique NSU number, giving you instant status confirmation.

05 Does the MCP handle numbering issues?







It does. If a range of invoice numbers gets lost or damaged, you can use `inutilize_numbering` to officially mark that entire sequence as unavailable for future use.

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>"focus-admin": { "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

Focus Admin 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Focus Admin. 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 Admin MCP
Server ID	019d759c-c36d-7010-8c78-605d5a0eec53
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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-admin.