

MCP SERVER

NO CODE

CLOUD HOSTED

BrasilAPI MCP for AI Agents

Auditing Brazilian Company Registration and Address Data

BrasilAPI connects your AI agent to a massive library of Brazilian public institutional data. Instantly audit addresses using CEP, verify company profiles via CNPJ, or retrieve official banking codes without visiting any government portal. It gives your workflow real-time access to national logistics and financial records.

A+ Quality Score 100/100

brazil-data

cnpj-lookup

cep-validation

banking-data

public-records

data-retrieval



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.

BrasilAPI MCP

6 tools available

Cloud-hosted on Vinkius

Complex research on Brazilian institutions used to mean hours of manual form filling across multiple government sites. With this MCP, you give your agent the power to handle that entire process through natural conversation. Your agent doesn't just look up data; it acts like a real-time analyst, instantly validating everything from residential addresses to corporate tax status.

When you connect BrasilAPI to your AI client via Vinkius, you stop copying and pasting between tabs. Instead, you can ask your agent to check a lead's address, confirm the company's legal standing using its CNPJ, and even get current vehicle valuations—all in one go. Whether you're doing compliance checks or managing cross-border logistics, your data stays verified and up-to-date. You just talk to it.

Core Capabilities

01 — Validate any Brazilian address

You can provide a zip code (CEP) and retrieve high-resolution details, including the neighborhood and city.

03 — List Brazilian banks and codes

The agent can list all operating banks and provide their official clearing metadata and codes for transactions.

05 — Determine national holidays

List all national holidays in Brazil for any given year, which is crucial for planning logistics timelines.

02 — Audit company legal status

Input a CNPJ number to get detailed registration data, like tax standing and what industry the company operates in.

04 — Check vehicle market price

Get current estimated prices for vehicles using the standard FIPE table data.

06 — Identify Brazilian states and regions

Retrieve a list of all states (UFs) across Brazil using IBGE data to scope regional operations.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP on Vinkius. No API key is needed, as BrasilAPI uses a free and open service.
- 02 Connect the MCP to your preferred AI client (like Claude or Cursor).
- 03 Ask your agent a natural language question—for example, 'What is the tax status for CNPJ 19131243000197?'—and get the verified data back.

The bottom line is that you talk to your AI client like you're talking to a human analyst, and it performs complex government lookups instantly.

Built For

This MCP is essential for any professional dealing with Brazilian market data. If you're constantly juggling multiple governmental portals just to validate an address or check corporate compliance, this is for you. It cuts out the friction and lets your team focus on decisions, not data retrieval.

Financial Analyst

You use this MCP to perform rapid audits of banking codes and vehicle valuations before making any investment or financial recommendation.

Logistics Manager

You verify delivery regions, check national holiday constraints, and audit state metadata so your shipments never get stuck on a public holiday.

Sales Operations Lead

You monitor lead addresses and retrieve verified corporate details straight into your workflow, ensuring compliance before outreach.

What Changes When You Connect

- 01 Stop manual lookups. Getting corporate status via the `get_cnpj_details` tool means your agent retrieves tax standing and activity data instantly, keeping your workflow moving.

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- 02** Planning logistics is simpler. By using `get_brazilian_holidays`, you eliminate the risk of scheduling deliveries when a national holiday shuts down operations.
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- 03** Financial vetting is faster. Need to know bank codes? The `list_brazilian_banks` tool gives your agent access to official clearing metadata, saving hours of research.
-
- 04** Address verification never failed before. Running `get_cep_details` ensures every lead address is geographically accurate and fully resolved right in the chat window.
-
- 05** Market analysis gets deeper. Use `get_fipe_vehicle_price` to understand current vehicle valuations directly from your agent, making asset monitoring seamless.
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Real-World Applications

Onboarding a new Brazilian client

A sales rep asks the agent for compliance checks. The agent uses `get_cnpj_details` to verify the company's legal structure, then uses `list_brazilian_states` to confirm they operate in the correct region. It gives the rep all the necessary background info immediately.

Due diligence on an investment target

A financial analyst needs quick data points. They prompt the agent with a CNPJ and ask for market data. The agent uses `get_cnpj_details` combined with `get_fipe_vehicle_price` to give a holistic view of assets.

Optimizing cross-regional shipping routes

A logistics coordinator needs to plan a multi-city delivery schedule. They ask the agent to check `get_brazilian_holidays` for the entire month, preventing them from scheduling trips around public closures.

Validating a lead's physical location

A sales team member gets a new prospect address. They ask the agent to validate it using `get_cep_details`. The agent returns high-resolution coordinates and neighborhood data, confirming the lead is real.

Patterns to Avoid

Using general web search for compliance

X AVOID

A user tries to copy a CNPJ number from a random website and pastes it into their agent, hoping it works. The agent gets vague results or needs multiple steps to confirm the tax status.

✓ INSTEAD

Instead of guessing, ask your agent directly: 'What are the corporate details for this CNPJ?' This triggers ``get_cnpj_details`` and gives you a clean, authoritative profile.

Manually checking bank codes

X AVOID

A financial team member spends an hour downloading PDFs from multiple banking sites just to verify official clearing codes for a transfer.

✓ INSTEAD

Ask the agent: 'List all banks operating in Brazil and their official codes.' This uses ``list_brazilian_banks`` and delivers a comprehensive, structured list immediately.

Assuming address data is current

X AVOID

A logistics planner relies on outdated public records for an address, leading to failed deliveries because the CEP details are wrong.

✓ INSTEAD

Always run ``get_cep_details`` through your agent first. This guarantees you're working with the most up-to-date, high-resolution municipal data available.

The Right Fit

You should use this MCP if your workflow requires verifying specific, highly regulated Brazilian institutional data—like tax status (CNPJ), postal codes (CEP), or banking details. It's perfect for due diligence and compliance teams. Don't use it if you only need general geographical context; a standard mapping tool will suffice. However, if your process involves confirming the legal existence of a company or verifying a delivery address in Brazil, this MCP is non-negotiable. If you just need to know what day of the week it is, don't bother. But if you need to know when the national office closes for the year, use `get_brazilian_holidays`.

BrasilAPI: Solving Brazilian Corporate Oversight with CNPJ Lookups

Today, running a basic compliance check on a potential partner requires logging into government portals and manually inputting the CNPJ. You copy the number from one source, paste it into another to verify tax status, then cross-reference the economic activity in a third tab. It's a slow process built around browser tabs and tedious copying.

With this MCP, you just ask your agent: 'What are the details for CNPJ X?' The agent executes the necessary lookup using `get_cnpj_details` and returns a clean, structured profile that includes tax status and primary activity. You get verified data in seconds.

BrasilAPI: Streamlining National Logistics Planning with CEP Validation

Before shipping goods or even planning sales calls, you have to validate every single address. This means checking the zip code (CEP) against municipal databases just to confirm a neighborhood name or city. If that data is wrong, your entire plan stalls.

Now, simply asking your agent for `get_cep_details` resolves all ambiguity. You don't worry about outdated records; you get high-resolution geographic data and coordinates immediately, allowing you to move straight into execution.

BrasilAPI: 6 Tools for Brazilian Public Record Lookups

These tools let your agent audit everything from zip code addresses and company registrations to bank codes and national holidays across Brazil.

#	TOOL	DESCRIPTION
01	<code>list_brazilian_banks</code>	Pulls a complete list of every bank currently operating in Brazil.
02	<code>get_cep_details</code>	Retrieves full address details for any specific Brazilian zip code (CEP).
03	<code>get_cnpj_details</code>	Fetches comprehensive profile information for a Brazilian company using its CNPJ number.
04	<code>get_fipe_vehicle_price</code>	Queries the FIPE table to provide current market pricing data for vehicles in Brazil.
05	<code>get_brazilian_holidays</code>	Lists all official national holidays in Brazil for a specified year, helping with planning.
06	<code>list_brazilian_states</code>	Provides a comprehensive list of all states (UFs) across Brazil from IBGE records.

See It in Action

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

U What is the current estimated price for a 2018 Honda Civic in São Paulo?



FIPE Vehicle Price Report

- **Vehicle:** Honda Civic Sedan
- **Year/Model:** 2018 (Manual Transmission)
- **State/City:** SP / São Paulo
- **Estimated Market Value:** R\$ 65,450.00

(Data sourced from FIPE table.)

This valuation is based on current market averages and accounts for regional adjustments.

U I need to check the operational status of a client in Curitiba.



Company Profile Lookup

- **CNPJ:** 19.131.243/0001-97 (Example)
- **Legal Status:** Active / Regular
- **Primary Activity:** Software Development & Consulting
- **Location:** Curitiba, PR
- **Tax Regime:** Lucro Real

The company is active and operates under the 'Lucro Real' tax regime.

- U** List all banks I should know about for international transfers.



Brazilian Banking Institutions Catalog (Sample)

The Brazilian financial sector includes over 300 institutions. Here are a few major examples with their official clearing codes:

BANK NAME	ACRONYM	CLEARING CODE
Banco do Brasil	BB	001
Itaú Unibanco	IUB	030
Bradesco	BBD	023

I can provide the specific codes for any bank you need.

Frequently Asked Questions

01 How does BrasilAPI help me verify a company's legal status in Brazil?

It provides instant, reliable corporate records using the CNPJ number. You get access to current tax status and detailed information about their primary economic activity without leaving your chat client.

02 Can I use BrasilAPI to confirm an address for a new lead?

Yes, you can run `get_cep_details` on any zip code. It doesn't just give the city; it provides high-resolution neighborhood data and geographic coordinates, making verification much more precise.

03 What if I need to plan logistics around national holidays in Brazil?

You simply ask your agent to list Brazilian national holidays. It checks against the official calendar for a specific year, ensuring you don't schedule critical deliveries or meetings on a public closure date.

04 Is BrasilAPI suitable for financial audit work?

Absolutely. It lets you quickly access and compare data points like official bank clearing codes and current vehicle valuations using the FIPE table, making due diligence much faster.

05 Does connecting this MCP require special API keys or complex setup?







No. You subscribe to the MCP on Vinkius and connect it directly to your AI client. It's a natural language conversation; no technical configuration is needed from you.

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>"brasilapi": { "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

BrasilAPI 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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