

MCP SERVER

NO CODE

CLOUD HOSTED

# Banco Inter MCP for AI Agents

## Automate Corporate Pix Payments and Boletto Slip Generation

Banco Inter provides programmatic access to your corporate bank account. Automate critical financial tasks like sending Pix payments, generating Boletto slips, checking real-time balances, and retrieving full transaction statements directly through your AI client.

**A+** Quality Score 100/100

pix-payments

boleto-automation

corporate-banking

balance-inquiry

financial-api

transaction-management



# 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

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## 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

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## 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

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## 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.

# Banco Inter MCP

8 tools available

Cloud-hosted on Vinkius

This connection gives your system a direct line into the Banco Inter Empresas digital account. Instead of manually logging in or copying data from web portals, you can automate high-velocity banking commands using natural language prompts. You process payments and retrieve critical financial data without ever needing to touch the internet banking login screen.

Whether you need to run daily balance checks, create complex Pix charges, or generate structured bank slips (Boletos), your workflow handles it all. All these functions are managed through Vinkius, allowing any compatible AI client—like Claude or Cursor—to access this powerful financial data stream instantly. It turns a traditionally manual, multi-step process into simple conversation.

This means finance engineers can automate tedious account monitoring and corporate administrators can get daily income reports mid-chat session, all while maintaining maximum security.

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## Core Capabilities

### 01 — Send Instant Payments (Pix)

Initiate outgoing money transfers using your Banco Inter account funds to specific recipients.

### 03 — Check Account Status

Retrieve the current final balance of your corporate digital account or check the status details of a specific Boleto slip.

### 02 — Generate Payment Slips (Boleto)

Create structured Brazilian bank payment slips for billing purposes, supporting customer identifiers like CPF and CNPJ.

### 04 — Get Financial Statements

Download comprehensive summaries (Extratos) and full history reports of all account movements over specified date ranges.

**05 — Monitor Transactions in Bulk**

List or search for batches of payments, both outgoing Pix charges and incoming Boletos records, within set timeframes.

# One Click on Vinkius — From Prompt to Execution

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

- 01** Use your corporate Banco Inter app to generate the necessary API Scopes and Security Certificates. You'll receive both `.cert`` and `.key`` files.
- 02** Since the Brazilian BACEN system requires mTLS, you don't download server files; you simply Base64 encode both the `.cert`` and `.key`` files into long strings.
- 03** Securely set these encoded credential strings as environment variables within your Vinkius MCP host.

The bottom line is, once those encrypted credentials are in place, your AI client can talk directly to Banco Inter's financial APIs without any manual setup steps.

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## Built For

This MCP is for teams that manage high volumes of money movement and need real-time bank data. It targets finance engineers tired of manual reconciliation and corporate administrators who require automated, secure account monitoring.

### Finance Engineer

You automate the creation of payment slips or run historical balance checks without writing boilerplate code.

### Corporate Administrator

You monitor daily cash flow and confirm incoming payments (Pix, Boletão) during routine chat sessions with your AI client.

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## What Changes When You Connect

- 01** Process immediate money transfers: You use `inter_send_pix` to instantly send funds using your active Banco Inter account, eliminating manual bank transfer steps.

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- 02** Generate billing documents on demand: With `inter_create_boleto`, you can programmatically create required bank payment slips for customers, speeding up invoicing cycles.
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- 03** Audit historical activity easily: You retrieve full account movement summaries by calling `inter_get_statement`, giving your team a complete audit trail without downloading PDFs.
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- 04** Manage incoming payments: Use `inter_list_pix_billings` to query and list all Pix charges received or generated within any date range for reconciliation.
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- 05** Verify current funds instantly: Running `inter_get_balance` gives you the definitive, real-time final balance of your corporate account right inside the conversation.
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## Real-World Applications

### Processing a Client Invoice Payment

A client needs to pay an invoice. Instead of emailing details, the agent is prompted to generate a Boleto slip using `inter_create_boleto` for the correct CPF/CNPJ and value. The resulting bar code can be immediately forwarded.

### Executing a Payroll Run

The agent needs to send payroll funds. It initiates transfers by calling `inter_send_pix` multiple times, ensuring the correct amount is debited from the corporate account for each employee listing.

### Daily Reconciliation Check

At the end of the day, the administrator asks to check the account history. Your system uses `inter_get_statement` to fetch the full statement summary (Extrato), allowing immediate identification of all incoming and outgoing transactions for reconciliation.

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# Patterns to Avoid

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## Checking balances manually

### ✗ AVOID

Opening the banking portal and navigating through menus to find the current balance.

### ✓ INSTEAD

Ask your agent to use `inter_get_balance`` directly. It provides the definitive, real-time final balance in a single API call.

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## Finding old transactions

### ✗ AVOID

Downloading and manually searching through PDF bank statements for specific dates or transaction types.

### ✓ INSTEAD

Use `inter_list_pix_billings`` or `inter_list_boletos``. These tools search the live data, giving you structured lists of payments by date range.

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## Creating payment slips via word processor

### ✗ AVOID

Building a Boletto document using non-standard templates and hoping it is accepted by the bank.

### ✓ INSTEAD

Use `inter_create_boleto``. This tool guarantees that the generated slip adheres to required banking standards, ensuring immediate usability.

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## The Right Fit

Use this MCP if your primary need is programmatic interaction with structured financial data (balances, transactions, payments) from a specific corporate bank. It's perfect for automated reconciliation or high-volume billing tasks. Don't use it if you are only looking to read static documents, like viewing a PDF statement; in that case, you should look for general document parsing tools. If your workflow involves integrating with other financial systems (like payroll software), this MCP works best when combined with those tools—for instance, using `inter_list_boletos`` data to populate records in a separate CRM system.

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## Banco Inter MCP for AI Agents: Automating Corporate Payment Slip Generation

Today, generating a bank payment slip (Boleto) requires navigating internal banking portals. You must manually input customer identifiers like CPF or CNPJ, select the expiration date, and confirm details across multiple screens just to get a single usable document.

With this MCP, you simply tell your agent to generate the required Boleto for a client. The process handles all the back-end API calls; you receive a fully structured record ready to be used or forwarded immediately.

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## Banco Inter MCP for AI Agents: Real-Time Balance and Statement Inquiry

Before, checking the current account balance meant logging in and finding the summary page. To check historical flow, you had to download multi-page statements and sift through thousands of lines of text looking for specific transactions.

Now, you ask your agent to retrieve the statement history or run a live balance query. The result is clean, structured data delivered right into your chat window—no PDF downloads needed.

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## 8 Payment & Financial Inquiry Tools for Banco Inter

Use these tools to send money, generate invoices, check balances, and download full bank statements programmatically.

#	TOOL	DESCRIPTION
01	<code>inter_create_boleto</code>	Generates a new bank payment slip for billing purposes through Banco Inter.
02	<code>inter_create_pix_billing</code>	Emits an immediate Pix charge, requiring the customer's CPF/CNPJ and value for processing via Banco Inter.
03	<code>inter_get_balance</code>	Checks the final available balance of your corporate digital account at Banco Inter.
04	<code>inter_get_boleto</code>	Retrieves detailed information and current status for a specific Boleto payment slip from Banco Inter.
05	<code>inter_get_statement</code>	Fetches the complete statement summary (Extrato) of all account movements for your corporate account at Banco Inter.
06	<code>inter_list_boletos</code>	Performs a filtered search and lists multiple Boleto payments in bulk through Banco Inter.
07	<code>inter_list_pix_billings</code>	Consults and lists Pix charges (Cob) that were either generated or received within specified date ranges.
08	<code>inter_send_pix</code>	Sends an outgoing money transfer using your Banco Inter account, provided the necessary scope is available in the token.

# See It in Action

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

**U** What was my total cash flow last month? Get me all statements for January.



## Statement Summary (Extrato)

DATE	DESCRIPTION	CREDIT (R\$)	DEBIT (R\$)
2024-01-05	Initial Deposit	5,000.00	-
2024-01-12	Pix Payment Received	1,230.50	-
2024-01-18	Boleto Withdrawal	-	890.00

**Total Net Flow:** R\$ 1,340.50

**U** I need to send a Pix payment of \$75 to CPF 33333333.



## Outgoing Transfer Confirmation

✓ Payment successful.

- **Recipient:** CPF 33333333
- **Amount:** R\$ 75.00
- **Transaction ID:** ABC9876XYZ
- **Status:** Confirmed and processed via Banco Inter rails.

## U Can you list the last three Boletos generated for my company?



### Boleto Search Results (Inter)

Found 3 recent payments:

1. **ID:** BLL9021A | **CPF/CNPJ:** 456789... | **Amount:** R\$ 150.00 | **Status:** Pending Payment |
2. **ID:** BLL9020B | **CPF/CNPJ:** 123456... | **Amount:** R\$ 22.50 | **Status:** Paid |
3. **ID:** BLL9019C | **CPF/CNPJ:** 789012... | **Amount:** R\$ 1,000.00 | **Status:** Generated

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## Frequently Asked Questions

### 01 How does the Banco Inter MCP help me automate payments?

It allows your AI client to send money or create payment slips directly through API calls, bypassing the need to log into the bank portal. You can initiate transactions like sending Pix funds with simple prompts.

### 02 Can I get a full history of all my bank movements using this MCP?

Yes. By requesting the statement summary (Extrato), your client fetches comprehensive records spanning specific date ranges, giving you an immediate view of every credit and debit.

### 03 What if I need to bill a customer? Can Banco Inter MCP create the slip?

The MCP can generate structured Boleto payment slips. You just provide the client's identifier (CPF/CNPJ) and the amount, and it handles the creation of the usable document.

### 04 Does this MCP only work for one type of payment?

No. It manages both immediate Pix transactions and traditional Boleto payments, allowing you to automate different types of money movement depending on your client's needs.

### 05 What kind of data can I pull about my account balance?







You can retrieve the definitive final balance at any time. This ensures your application always works with the most current, verified cash position from Banco Inter.

# 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>"banco-inter": { "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

# Banco Inter 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)

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