

MCP SERVER

NO CODE

CLOUD HOSTED

Facturama (SAT) MCP

Automate Mexican Tax Invoicing and Compliance Tracking

Facturama (SAT) connects your AI client directly to Mexico's official tax backend, automating CFDI invoicing and compliance checks. Use this MCP to generate legally valid digital receipts, verify product codes against government catalogs, manage clients, and pull historical invoice data—all through natural conversation.

A+ Quality Score 100/100

tax-compliance

invoicing

cfdi

mexico-tax

ledger-management

electronic-receipts



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.

Facturama (SAT) MCP

14 tools available

Cloud-hosted on Vinkius

Dealing with Mexican tax paperwork shouldn't require a specialized accounting degree. This MCP connects your AI client to the official Facturama/SAT Mexico system, giving you direct access to all digital fiscal receipt (CFDI 4.0) processes. You can tell your agent exactly what needs to happen: generate a formal invoice for a specific client with accurate RFC details; check if an old PDF bill is still valid in the system; or even pull the complete catalog of government-registered products.

It handles all the complex, bureaucratic steps involved in Mexican commerce. Instead of manually logging into multiple tax portals and dealing with confusing UIs, you simply ask your agent to perform the action. For instance, you can request a list of all recently issued invoices or verify a client's complete fiscal profile before drafting anything. Because this connection is hosted on Vinkius, you get centralized access to this specialized financial logic alongside thousands of other tools. It means your AI agent acts less like an assistant and more like a dedicated virtual tax specialist.

Core Capabilities

01 — Issue Digital Tax Invoices

Generate legally compliant CFDI invoices for Mexican clients, attaching correct fiscal data.

03 — Verify Tax Statuses

Check the current compliance status of an entity against internal SAT records.

05 — Track Invoices & Files

List all issued invoices or extract the graphical representation of an invoice file.

02 — Manage Client Records

Create new B2B client accounts or retrieve a specific client's official tax profile and details.

04 — Retrieve Product/Tax Data

Access official government catalogs for product specifics and tax rate schemas.

One Click on Vinkius — From Prompt to Execution

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

- 01 Append this tax-heavy integration logic to your environment.
- 02 Add your traditional basic authentication API configuration into the credentials setup.
- 03 Your agent is ready. You process accounting loops using pure natural chat commands.

The bottom line is you tell your AI client what financial task needs doing, and it executes the necessary calls to Mexico's official tax system on your behalf.

Built For

Regional accounting leads in LATAM who hate manually wrestling with government websites. It's for e-commerce operators whose background processes need continuous, automated invoice status checks. If you spend time copying data between tax portals and your CRM, this is for you.

Regional Accounting Lead

Running monthly audits where they must verify the history and compliance status of dozens of client invoices quickly.

eCommerce Operations Manager

Needing an agent to constantly monitor invoice statuses after a sale, ensuring cash flow visibility without manual checks.

LATAM Startup Developer

Building internal tools that require programmatic access to Mexican tax APIs for rapid prototyping and testing.

What Changes When You Connect

- 01 Generate proper invoices instantly. Instead of manually filling out forms, use the `create_invoice` tool to issue a formal digital tax invoice with all necessary SAT compliance fields.

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- 02 Verify client data before invoicing. Use `list_clients` or `get_client` to check if a recipient has the correct RFC and fiscal profile, preventing failed transactions.

 - 03 Handle complex product coding simply. The `list_catalog` tool lets your agent scan standard government codes so you never use an invalid SAT product ID again.

 - 04 Maintain a complete audit trail. Use `list_invoices` to pull a list of all issued CFDIs and check their current status without logging into the portal.

 - 05 Fix mistakes fast. If an invoice needs correcting, your agent can execute `cancel_invoice`, ensuring your records stay clean and compliant.
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Real-World Applications

Client Onboarding & Validation

A new client signs a contract. Instead of emailing them a compliance checklist, the agent uses `list_clients` to see if they already exist in the system. If not, it runs `create_client`, getting their verified tax profile ready for invoicing.

Tax Code Audit

An accounting lead suspects a product code is wrong on old invoices. They ask the agent to cross-reference it, triggering `list_products` and then using `get_product` to ensure the specific tax details are accurate.

End-of-Day Reconciliation

The e-commerce team needs to know which sales were paid but haven't been invoiced yet. They ask the agent to check recent transactions, triggering `list_invoices` and then using `get_invoice_file` for physical records.

Correcting Errors

The team realizes they issued an invoice to a client who changed their name. They use `cancel_invoice` first, followed by `update_client` (conceptually), and then reissue the corrected document using `create_invoice`.

Patterns to Avoid

Searching for a Client's Tax ID

✗ AVOID

Manually searching through an Excel sheet or calling customer service to verify if 'Juan Perez' is registered and what his RFC tag is.

✓ INSTEAD

Ask your agent to run `list_clients` first. This provides the full, verified roster of all tax-registered clients, making manual lookups unnecessary.

Guessing Tax Rates

✗ AVOID

Trying to calculate a final invoice total by remembering or looking up tax rates in an external spreadsheet.

✓ INSTEAD

Use the `list_taxes` tool. This gives you direct access to the internal, official schema profiles required for accurate rate application on any new invoice.

Processing a Failed Invoice

✗ AVOID

Receiving an email about a failed payment and having to manually figure out which tax document caused the failure.

✓ INSTEAD

Ask the agent to run `list_invoices`. This central list shows all issued CFDIs, allowing you to instantly see the status of every transaction.

The Right Fit

Use this MCP if your primary pain point is generating and managing legally compliant Mexican tax documents (CFDI 4.0). You need an agent that speaks the specific language of SAT compliance—checking RFCs, using official product catalogs (`list_catalog`), and handling cancellation logic. Don't use this if you just need to send a simple memo or track general sales figures; those are generic messaging tools. If your core requirement is deep ledger analysis (e.g., comparing the MCP output against GAAP accounting principles), you should look for dedicated general ledger connectors, not specialized tax document processors.

The Pain of Manual Tax Document Management

Right now, generating a single compliant invoice means navigating multiple web forms. You copy client details into the system, verify their RFC against an external database, manually select product codes from a dropdown list, and then cross-reference tax rates to ensure everything matches SAT's specific format. If any of those steps fail, you start over.

With this MCP, you skip all that friction. You tell your agent: 'Issue invoice X for client Y using product Z.' It handles the entire sequence—from verifying the client via `get_client` to generating and stamping the final document—in one go.

Facturama (SAT) gives you full control over your digital receipts

You no longer have to wait for accounting staff to open a web browser, click through five tabs, and then copy data into another system. The ability to programmatically check the `get_tax_status` or use `list_products` means your agent has real-time compliance intelligence.

The difference is that you stop managing tax documents; you start directing them. You get instant, verifiable action.

Facturama (SAT) – 14 Tools

Use these tools to manage every aspect of Mexican financial compliance, from listing registered clients to issuing legally stamped digital tax invoices.

#	TOOL	DESCRIPTION
01	<code>create_client</code>	Registers a new business-to-business invoice recipient in the system.
02	<code>delete_client</code>	Removes a client's record from the tax receiver context.
03	<code>get_tax_status</code>	Reads the current official SAT compliance tax status for an entity.
04	<code>list_catalog</code>	Scans and retrieves standard government-mandated product codes (SAT).
05	<code>list_taxes</code>	Reads the internal tax schema profiles used for calculating liabilities.
06	<code>send_invoice_email</code>	Automatically pushes a generated invoice to a specified local email address.
07	<code>cancel_invoice</code>	Cancels an already issued CFDI or tax invoice within the system.
08	<code>create_invoice</code>	Generates and issues a formal, legally binding digital tax invoice (CFDI).
09	<code>get_client</code>	Retrieves the full fiscal profile details for one specific client.
10	<code>get_invoice_file</code>	Extracts a visual, graphic representation of an invoice as a Base64 file.
11	<code>get_product</code>	Fetches detailed tax specifics for a targeted product code from the SAT database.
12	<code>list_clients</code>	Lists all registered B2B clients along with their official Mexican tax identification numbers (RFC).
13	<code>list_invoices</code>	Retrieves a list of all issued CFDI invoices and their statuses.
14	<code>list_products</code>	Lists various tax-mapped registered products available for invoicing.

See It in Action

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

U Check for recently emitted Valid CFDI invoices.



Running deep listing... I found 3 officially signed XML Invoices. Folio 001 issued 3 days ago for 'TechCorp Latam' carrying valid SAT standing, and Folio 002 for 'Local Business'. Both marked successfully Issued.

U Check the detailed fiscal specifications for our currently registered client ID: C0098.



Sourced. Client ID 'C0098' belongs to 'Agencia Global S.A.' bearing the authentic SAT RFC tag 'AGE120092B08'. Their primary designated CFDI usage rule is set to 'G03 (Comercial Expenses)'. Ready to write an invoice against it?

U Prepare and issue a new invoice. Sell Product ID p-3200 to Receiver ID c-099 using '01' as payment mode.



Done natively! I sent the exact construct containing proper payloads into Facturama endpoint. Result is positive: Generated CFDI with UUID `9E032A9A-1D8...`. It has been stamped officially by the SAT.

Frequently Asked Questions

01 How do I check if a client is valid using Facturama (SAT) MCP?

You can use the `get_tax_status` tool to read an entity's current compliance status against SAT. This confirms if they are legally allowed to transact and receive invoices.

02 Can I create a new invoice with Facturama (SAT) MCP?

Yes, use the ``create_invoice`` tool. You provide the product ID, client details, and payment mode, and the agent handles the formal digital tax invoice generation.

03 What is the best way to retrieve a list of past invoices with Facturama (SAT) MCP?

Simply run ``list_invoices``. This tool provides a comprehensive list of all issued CFDIs, letting you track everything from old bills to recent transactions.

04 Does Facturama (SAT) MCP handle product codes?

Yes. Use ``list_catalog`` or ``get_product`` to scan and retrieve detailed, government-validated SAT codes for any item you plan to invoice.

05 Can I cancel an invoice using Facturama (SAT) MCP?







Yes. The ``cancel_invoice`` tool allows you to formally cancel a previously issued CFDI, which is vital for correcting billing errors in compliance.

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>"facturama-sat": { "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

Facturama (SAT) 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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