

MCP SERVER

NO CODE

CLOUD HOSTED

Fixer.io Currency API MCP

Audit global financial history with conversational AI.

Fixer.io Currency API MCP gives your AI client instant access to real-time and historical global exchange rates. Stop guessing market values; your agent retrieves current currency data, audits trends back to 1999, and performs precise cross-currency conversions on demand.

A+ Quality Score 100/100

currency-conversion

exchange-rates

financial-data

historical-rates

forex-api



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.

Fixer.io Currency API MCP

5 tools available

Cloud-hosted on Vinkius

Running international business or handling complex budgets means needing financial data that's always accurate. This MCP connects your AI client directly to Fixer.io, giving it the ability to handle every currency question you throw at it—whether it's checking today's USD/EUR rate or figuring out what a budget item cost back in 2010. Your agent acts like an instant financial consultant, letting you skip the manual lookups and messy spreadsheets. You just ask your AI client for a conversion, and the data appears immediately. Because this connection is available through Vinkius, you can keep all your critical external tools—like currency data—in one place, connecting to it from any compatible agent or app you use.

It handles everything: pulling the latest market rates across 170+ currencies, running deep historical audits for trend analysis, and making precise conversions. You never have to worry about stale numbers again.

Core Capabilities

01 — Monitor service health

Check if the Fixer.io data source is online and providing rates.

03 — Get current market rates

Instantly fetch the latest exchange rates for a specified base currency.

05 — Audit historical values

Get the exchange rate between two currencies for an exact past date.

02 — List supported currencies

Retrieve a full list of all currency symbols available in the database.

04 — Calculate conversions

Convert a specific amount from one currency to another in real time.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/fixerio-currency-api — connect your AI agent in three steps.

- 01 Subscribe to this MCP and provide your personal Fixer.io API Key.
- 02 Connect the service via your preferred AI client (like Claude or Cursor).
- 03 Ask your agent a financial question, like 'How much is 100 GBP in JPY today?' and it returns the rate.

The bottom line is that you get conversational access to professional-grade global financial data without needing to write any API calls or manage credentials manually.

Built For

Anyone who works with money across borders—from the e-commerce manager pricing products in five different regions, to the budget planner tracking long-term fiscal spending. You're tired of cross-referencing rate tables and waiting for manual data pulls.

Financial Analyst

Auditing market trends by retrieving historical exchange rates for specific years to benchmark investment performance.

E-commerce Operations Manager

Verifying multi-currency pricing models across different countries before a product launch, ensuring conversion accuracy.

International Accountant

Running rapid cross-border audits by checking the latest rates and converting large transaction volumes in natural language prompts.

What Changes When You Connect

- 01 Stop manually checking rate tables. Use 'get_latest_exchange_rates' to instantly pull the current market rates for a base currency, keeping your data fresh in seconds.

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- 02 Track value over time using 'get_historical_exchange_rate'. You can audit how a specific currency was valued back to 1999 without touching any spreadsheet.

 - 03 Eliminate calculation errors. The 'convert_currency_amount' tool lets you perform precise, real-time conversions of large amounts directly through your agent's conversation.

 - 04 Determine scope quickly by using 'list_supported_currencies'. This tells you exactly which currency symbols are recognized in the Fixer.io catalog before you start coding or planning.

 - 05 Keep your workflows running smoothly with 'check_api_status'. Your agent can verify that the data source is operational before running critical financial reports.
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Real-World Applications

Auditing a client's long-term spending habits

A financial analyst needs to compare current Q3 spending (USD) with expenses from the same period last year (EUR). They ask their agent, 'What was 10,000 EUR worth in USD on October 15th, 2022?' The agent uses 'get_historical_exchange_rate' and delivers the exact historical conversion rate immediately.

Calculating cross-currency budgets

A budget planner needs to allocate funds across three countries. They ask their agent to 'Convert 50,000 units into JPY and CAD.' The agent uses 'convert_currency_amount' multiple times in one flow, giving the planner a single, verified total for budgeting.

Updating international product pricing

An e-commerce manager adds a new market in South America. She prompts her agent, 'Give me the current rates for BRL and COP against USD.' The agent uses 'get_latest_exchange_rates' to provide multiple real-time data points, allowing her to price products accurately before launch.

Debugging financial data pipelines

An operations lead needs to confirm if their API connection is active before running complex reports. They simply ask, 'Is Fixer.io operational?' The agent uses 'check_api_status' and confirms the service health status instantly.

Patterns to Avoid

Treating rates as static data

X AVOID

A user pulls a rate for today, saves it in a spreadsheet, and then tries to use that same file six months later. The numbers are now wrong because the market changed.

✓ INSTEAD

Always ask your agent to run 'get_latest_exchange_rates' when you need current data. If you need historical context, explicitly request the date using 'get_historical_exchange_rate'.

Ignoring supported currencies

X AVOID

A developer tries to code a conversion for an obscure local currency symbol they haven't seen before and gets an API failure.

✓ INSTEAD

First, use 'list_supported_currencies' to verify that the required currency symbol is actually recognized by Fixer.io before attempting any conversions.

Overcomplicating simple conversion

X AVOID

A user manually calculates a complex formula involving multiple rates and multiplies everything out in their head or in an unreliable calculator.

✓ INSTEAD

Let the agent do the math. Just use 'convert_currency_amount' with clear instructions, like 'Convert 500 USD to AUD.' It handles all the rate mechanics.

The Right Fit

Use this MCP if your core problem is translating monetary values across time or geography. You need verifiable exchange rates for budgeting, e-commerce pricing, financial modeling, or compliance auditing. If you are doing any of those things, use it. Don't use this if all you need to do is store a list of currency codes; in that case, 'list_supported_currencies' handles that small piece. More critically, don't use it if your goal is general data fetching (like retrieving product descriptions or user names); for those tasks, you need a database connector. This MCP is laser-focused on money and time.

The pain of outdated currency information.

In international business, every conversion matters. Today, the manual process involves opening multiple tabs, cross-referencing rate sheets, and hoping that the data you pulled yesterday hasn't changed by an hour. It's time wasted in spreadsheet cells and frantic searching for 'real-time' updates.

With this MCP connected via Vinkius, your agent handles all of it. You ask a question—like comparing prices across different global markets—and the system instantly pulls fresh rates from Fixer.io. The result isn't just data; it's actionable, up-to-the-minute financial intelligence.

Get accurate currency conversions using `convert_currency_amount`.

You no longer need to manually look up the conversion factor for every single pairing. You don't have to calculate complex formulas by hand or trust a secondary, unverified data source.

Now, you simply tell your agent what needs converting and from where. It uses `'convert_currency_amount'` to give you one clean, accurate number. That's it.

Fixer.io Currency API: 5 Tools for Financial Data

These tools let you check service status, list all supported currencies, get the latest market rates, convert specific amounts, and retrieve historical exchange data.

#	TOOL	DESCRIPTION
01	<code>check_api_status</code>	Checks if the Fixer.io service is currently running and available for use.
02	<code>convert_currency_amount</code>	Calculates and returns a new amount after converting from one currency to another.
03	<code>get_historical_exchange_rate</code>	Retrieves the exact exchange rate between two currencies for any specified past date (YYYY-MM-DD).
04	<code>get_latest_exchange_rates</code>	Pulls real-time market data and the current rates based on a chosen base currency.
05	<code>list_supported_currencies</code>	Provides a comprehensive list of all currency symbols supported by the Fixer.io system.

See It in Action

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

U Get the latest exchange rates for base currency 'USD' using Fixer.io.



I've retrieved the latest rates for USD! Notable conversions include 1 USD to 0.92 EUR and 1 USD to 0.79 GBP. Would you like the full list of supported currencies or a specific historical audit?

U Convert 100 EUR to JPY.



I've performed the conversion! 100 EUR is currently identified as 16,500 JPY. I can assist you with more real-time conversion metadata for your budget planning if you'd like.

U What was the exchange rate between EUR and USD on '2010-01-01'?



I've retrieved the historical data! On January 1st, 2010, the rate was 1 EUR to 1.43 USD. I can assist you with more longitudinal auditing of these currency markers if needed.

Frequently Asked Questions

01 Can the Fixer.io Currency API MCP handle historical data?

Yes, absolutely. You can use 'get_historical_exchange_rate' to pull exact rates for any given date in the past, allowing you to audit trends or compare year-over-year spending.

02 Does this MCP provide live market data?

Yes. You use 'get_latest_exchange_rates' to pull real-time rates for any base currency, ensuring your financial planning is based on the current market.

03 How do I check if the Fixer.io API key works?

Use the 'check_api_status' tool. This function quickly verifies that the service connection is operational before you run any major financial queries.

04 What are the most common currencies supported by this MCP?

The system supports over 170 global currencies. If you aren't sure which ones are available, use 'list_supported_currencies' to see the full catalog.

05 Can I convert amounts for multiple pairs at once with Fixer.io Currency API MCP?







While there isn't one single multi-convert tool, you can chain calls through your agent using 'convert_currency_amount' to handle multiple conversions in a single conversational flow.

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>"fixerio-currency-api": { "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

Fixer.io Currency API 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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