MCP SERVER | NO CODE | CLOUD HOSTED

CoinPaprika MCP for AI Agents

Pull real-time cryptocurrency market data and exchange listings.

CoinPaprika API lets your AI agent pull real-time cryptocurrency data, from live price tickers and market caps to exchange listings and project events. It connects your agent to a live feed of global crypto markets so you can audit assets and monitor liquidity without manually jumping between different exchange dashboards or websites.

A+ Quality Score 100/100

market-research | cryptocurrency | metadata | exchange-data | audit-tools

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vinkius.com/mcp/coinpaprika-api

SCAN TO VIEW

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

CoinPaprika API MCP

10 tools available
Cloud-hosted on Vinkius

The CoinPaprika API MCP allows you to turn your AI agent into a full-scale crypto research analyst. Instead of manually copy-pasting price data from different websites or hunting through exchange listings, you just ask your agent to do the heavy lifting. It pulls specific coin metadata, tracks recent price movements, and identifies which exchanges actually support specific assets. This is part of the Vinkius catalog, which makes it easy to plug into your existing workflow. Whether you're trying to figure out where a coin has the most liquidity or you need a snapshot of the entire global market, your agent handles the data retrieval while you focus on the strategy. It's about getting verified numbers instantly through a conversation rather than digging through financial terminals. You can skip the tedious work of navigating complex dashboards and just get the answers you need. If you're tired of the friction of manual research, this is the missing link for your agent's toolkit.

Core Capabilities

01 — Pull live price tickers

Get real-time price and ticker data for any specific cryptocurrency instantly.

02 — Audit coin metadata

Retrieve full project details, coin types, and rankings for thousands of assets.

03 — Track price intensity

Fetch the latest OHLCV data to see recent price movements and volume.

04 — Discover exchange liquidity

Find every exchange where a specific coin is currently traded across the globe.

05 — Monitor project milestones

Keep track of recent and upcoming project events for specific cryptocurrencies.

06 — Scan global market performance

Get a high-level overview of the entire cryptocurrency market's performance.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to the CoinPaprika API MCP through the Vinkius marketplace.

02 Connect the MCP to your AI client like Claude or Cursor.

03 Ask your agent for specific crypto data like price trends or market caps.

The bottom line is you get a live crypto data feed integrated directly into your AI chat.

Built For

This is for crypto researchers, traders, and developers who need to move faster than a manual browser search allows. It's for the person who needs to verify exchange availability or audit market depth in seconds.

Crypto Analyst

Auditing asset metadata and market caps for investment reports on a Tuesday afternoon.

Web3 Developer

Checking exchange support and listing statuses for new tokens without manual searching.

Portfolio Manager

Monitoring live price tickers and global market trends to adjust strategy in real-time.

Operations Lead

Automating data gathering for cross-functional investment teams to keep everyone aligned.

What Changes When You Connect

01 Stop manual searching by using `get_coin_ticker` to get live prices instantly in your chat. This saves you from jumping between different tabs every time you need a price update.

02 Audit asset metadata quickly with `get_coin_details` to see coin types and ranks. You can get a full profile of any project without clicking through multiple pages.

03 Map out liquidity across the industry using `get_coin_exchanges` to see where coins are traded. This is essential for understanding where the actual trading volume lives.

04 Track project milestones and news without leaving your agent using `get_coin_events`. It keeps you updated on the most recent and upcoming developments for any asset.

05 Get a high-level view of the entire market with `get_global_market_overview` for research. It gives you a pulse on the industry in one single request.

06 Identify active trading pairs across different platforms with `get_coin_markets`. This helps you see exactly where a coin is most active and where it's being traded.

Real-World Applications

Checking exchange availability

A trader wants to know where a specific token is listed. They ask the agent to list all exchanges for a coin using `get_coin_exchanges`. The agent returns a clean list of platforms, saving the trader from manual searching.

Summarizing market sentiment

An analyst needs a snapshot of current market sentiment. They ask for the global market overview using `get_global_market_overview`. The agent provides a summary of market performance, allowing for faster reporting.

Verifying price intensity

A developer needs to check a coin's recent history. They ask the agent to pull the latest OHLCV data using `get_coin_ohlcv_latest`. The agent returns the price intensity, helping the developer verify data points.

Tracking project news

An investor wants to see upcoming news for an asset. They ask the agent to find recent and upcoming events using `get_coin_events`. The agent pulls the latest milestones, helping the investor stay ahead of the curve.

Mapping coin IDs

A researcher needs to find a specific coin ID. They ask the agent to list all coins in the database. The agent returns a list, allowing the researcher to find the correct ID for further analysis using `get_coin_details`.

Patterns to Avoid

Trying to guess coin IDs manually

✗ AVOID

Asking "What's the price of Doge?" and getting an error because the agent doesn't know the specific ID.

✓ INSTEAD

Use `list_all_coins` first to get the correct ID, then call `get_coin_ticker` to pull the actual data.

Relying on outdated static data

✗ AVOID

Looking at a screenshot of a price from an hour ago to make a trade.

✓ INSTEAD

Use `get_coin_ticker` to pull the live price directly into your conversation for the most accurate data.

Manually checking every exchange

✗ AVOID

Opening five different tabs to see which platforms support a specific coin.

✓ INSTEAD

Use `get_coin_exchanges` to see all supported platforms in one single list provided by your agent.

The Right Fit

Use this if you need a reliable way to pull real-time cryptocurrency data, exchange listings, or project metadata into your AI agent's workflow. It is the right choice for crypto analysts, traders, and developers who need to perform rapid audits of global market caps or identify where a coin is traded. If you are looking for a way to

automate the data gathering part of your research, this is the tool. However, don't use it if you just need deep on-chain forensics, private wallet data, or real-time order book depth. This MCP provides market-level metadata and price data, not the low-level block data or private transaction history. For those types of deep-dive technical tasks, you would need to use a specialized blockchain explorer or a tool that connects directly to a full node. This MCP is about market intelligence and liquidity oversight, not deep-level protocol auditing.

CoinPaprika API for Real-Time Cryptocurrency Market Audits

Researching crypto assets usually involves opening a dozen tabs. You have to check one site for the current price, another for the market cap, and a third to see which exchanges actually support the token. It's a constant cycle of copy-pasting numbers into a spreadsheet just to get a clear picture of a single coin.

This MCP changes that by letting your AI agent do the digging for you. You can ask for a full metadata dump or a list of every exchange where a coin trades, and the agent pulls that data instantly. You get a clean summary of the market without the tab fatigue.

CoinPaprika API for Global Exchange Liquidity Mapping

Finding where the most liquidity sits across the global crypto industry is a manual headache. You have to cross-reference different platforms to see which pairs are active and where the volume is actually moving.

With this MCP, your agent can list all active markets and exchanges for any coin in seconds. It turns a multi-step research task into a single natural language question, giving you a clear view of the landscape immediately.

CoinPaprika API 10 Tools for Crypto Market Research

Use these tools to pull live prices, market metadata, and exchange listings for any cryptocurrency.

#	TOOL	DESCRIPTION
01	`get_coin_details`	Get the full metadata and project details for a specific coin using its unique ID. Use this to see the coin type and current status.
02	`get_coin_events`	See recent and upcoming project events for a specific cryptocurrency. This helps you track milestones and announcements.
03	`get_coin_exchanges`	Find every exchange where a specific coin is currently traded. It's useful for checking liquidity distribution.
04	`get_coin_markets`	List all active trading markets and pairs for a specific coin. Use this to see where a coin is most active.
05	`get_coin_ohlcv_latest`	Get the latest open, high, low, close, and volume data for a coin. This provides a snapshot of recent price intensity.
06	`get_global_market_overview`	Get a snapshot of how the entire cryptocurrency market is performing right now. It's good for checking general market health.
07	`get_coin_ticker`	Pull real-time price and ticker data for a specific coin. Use this for the most current price information.
08	`list_all_coins`	Get a list of every cryptocurrency in the CoinPaprika database. This is the best way to find specific coin IDs.
09	`list_crypto_exchanges`	See a full list of all cryptocurrency exchanges supported by the platform. Use this to map out the global exchange landscape.
10	`list_all_tickers`	Get the current prices and ticker data for every active coin at once. This is great for a quick market scan.

See It in Action

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

U What's the current price of Ethereum?

I've checked the live ticker for Ethereum. It's currently trading at **$2,450.12**. Here's a quick summary:
- **Price**: $2,450.12
- **24h Change**: +1.2%
- **Status**: Active

Would you like to see the latest price intensity (OHLCV) or the list of exchanges where it's traded?

U Where can I trade Solana?

I found the exchanges where Solana is traded. It is listed on several major platforms, including:
- **Binance**
- **Coinbase**
- **Kraken**
- **KuCoin**

Would you like me to pull the specific active trading pairs for any of these?

U Give me a summary of the global crypto market.

Here is the current overview of the global cryptocurrency market:
- **Market Sentiment**: Neutral/Bullish
- **Key Trends**: High volume in major layer-1 assets.
- **Global Performance**: Stable with slight upward movement in the last hour.

I can also pull specific coin details if you want to dive deeper into a particular asset.

Frequently Asked Questions

01 **Can I use CoinPaprika MCP to see live crypto prices?**

Yes, you can get real-time price tickers for specific coins instantly. Your agent will pull the latest data so you don't have to check a ticker site manually.

02 **Does CoinPaprika MCP support all exchanges?**

It provides data for hundreds of major global cryptocurrency exchanges. You can use it to see where specific assets are traded and where liquidity is concentrated.

03 **Can my agent find out about upcoming crypto news?**

Yes, the MCP lets your agent retrieve both recent and upcoming events for specific cryptocurrencies. It's a great way to stay updated on project milestones.

04 **Is there a cost to using the CoinPaprika API?**

The service is free and open, so you can connect it to your AI client without worrying about extra API costs or complex billing.

05 **How do I find a specific coin's ID using CoinPaprika?**

You can ask your agent to list all coins in the database. It will provide a searchable list of IDs that you can then use to get specific details.

06 **Can I get market cap and metadata for thousands of coins?**

Yes, the MCP allows your agent to pull high-resolution metadata for thousands of different cryptocurrencies, including their rank, type, and status.

07 **Is an API Key required for CoinPaprika API?**

No. CoinPaprika provides a free public API. This server works out of the box without any static credentials required.

08 **What does OHLCV stand for?**

OHLCV stands for Open, High, Low, Close, and Volume. It provides a comprehensive view of price activity for a specific time period.

09 **Can the agent show global market statistics?**

Yes. The `get_global_market_overview` tool retrieves metadata for the entire cryptocurrency market, including total market cap and volume.

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 `"coinpaprika-api": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

CoinPaprika 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 →

vinkius.com · support@vinkius.com

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