MCP SERVER | NO CODE | CLOUD HOSTED

Messari MCP

Analyze Crypto Metrics and Market Trends Instantly

Messari MCP gives you deep crypto market intelligence directly through your AI client. Stop sifting through scattered dashboards; ask for specific metrics—like real-time market cap or historical performance data—and get an immediate, actionable answer. It lets you analyze thousands of tokens, track governance votes, and monitor news feeds all in one conversation.

A+ Quality Score 100/100

crypto-market-data | asset-research | quantitative-metrics | blockchain-intelligence | token-analytics

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vinkius.com/mcp/messari

SCAN TO VIEW

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.

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.

Messari MCP

10 tools available
Cloud-hosted on Vinkius

This MCP connects your AI agent to Messari's extensive database, giving you deep insights into the crypto ecosystem via natural language conversations. Instead of clicking through pages of charts and data tables, you simply ask questions about assets or market trends. You can get current pricing and market cap for thousands of tokens, search for specific assets by name or sector, and understand complex metrics like supply changes over time. It also keeps you current on aggregated crypto news feeds and major governance events across protocols. Getting this access through Vinkius means you connect once to the catalog and gain immediate power over deep financial data—no messy API keys needed outside of initial setup.

Core Capabilities

01 — Analyze asset performance

Get detailed metadata, quantitative metrics, and comprehensive profiles for any crypto asset.

02 — Monitor market depth

List supported exchanges and trading pairs to understand current market liquidity across multiple venues.

03 — Track systemic events

Retrieve aggregated feeds of crypto news headlines alongside major protocol governance votes and discussions.

04 — Search the asset universe

List or search for specific crypto assets, DeFi protocols, or market categories to narrow your focus.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and enter your Messari API Key into the Vinkius platform.

02 Tell your AI client exactly what data you need—for example, 'What was Bitcoin's market cap last quarter?'

03 Your agent processes the request using the tool and returns a clear, conversational answer with the necessary metrics.

The bottom line is that you treat complex crypto data like simple search queries.

Built For

This MCP is for quantitative researchers, blockchain analysts, and portfolio managers who spend their days tracking market movements. If your job involves anything from assessing asset risk to correlating news cycles with token price action, this tool saves you hours of manual dashboard checking.

Quantitative Analyst

Uses the MCP to fetch historical time series and performance data for specific protocols, validating models against real-world metrics.

Crypto Researcher

Queries asset profiles and lists governance events to understand why a protocol might change its roadmap or token distribution.

Portfolio Manager

Checks real-time market data and liquidity across multiple exchanges to assess current risk exposure for an investment thesis.

What Changes When You Connect

01 Stop manually checking dozens of dashboards. Instead, ask for an asset's performance data using get_asset_metrics and get a single, clean answer.

02 Understand market breadth by listing all available crypto assets via list_assets or narrowing your focus with search_assets. You cover the entire ecosystem without getting lost in tabs.

03 Stay informed on real-world shifts by pulling the latest news feed using get_crypto_news and monitoring governance decisions through list_governance_events.

04 Deep dive into any protocol's background; use get_asset_profile to read the qualitative write-up, then validate that info with historical data from get_asset_metrics.

05 Determine market depth by listing crypto exchanges via list_crypto_exchanges and checking current trading pairs using list_crypto_markets. This helps you assess liquidity quickly.

Real-World Applications

Evaluating a new DeFi protocol

A researcher needs to check if Uniswap is stable. They ask the agent to get_asset_profile and then follow up by asking for its current market data using get_asset_market_data, ensuring they have both the qualitative context and quantitative proof.

Tracking regulatory risk

A compliance officer needs to know about potential changes. They use list_governance_events first, then ask to search_assets for a specific sector like stablecoins, getting an immediate summary of risks.

Assessing market volatility after an announcement

A PM wants to know how Bitcoin reacted yesterday. They query get_asset_metrics for historical time series and then use get_crypto_news to see if the news correlated with the price drop.

Building a comprehensive asset report

An analyst needs to compare five assets. The agent uses list_assets to generate the full list, and then repeatedly calls get_asset_details and get_asset_metrics for each token in one workflow.

Patterns to Avoid

Searching general crypto news sites

✗ AVOID

Reading multiple blogs or using basic web search to compile a list of recent governance votes.

✓ INSTEAD

Use the MCP to call list_governance_events. This provides an aggregated, structured feed that only includes confirmed protocol events.

Guessing asset IDs

✗ AVOID

Trying to manually input a token's contract address into an analytics tool just to get basic metrics.

✓ INSTEAD

First use list_assets or search_assets to confirm the correct symbol and name. Then, pass that confirmed identifier to get_asset_metrics.

Separating context from data

✗ AVOID

Reading a technical whitepaper for asset details, then having to open another tab to find its current market cap.

✓ INSTEAD

Ask the agent to combine these requests: 'Give me the profile and current metrics for Polygon (MATIC).' This uses get_asset_profile and gets_asset_metrics in one flow.

The Right Fit

Use this MCP if your work requires deep, structured quantitative analysis of blockchain assets. If you need to compare historical performance data across dozens of tokens, or correlate governance votes with market cap changes, this is the right tool. You should use it when you need mechanisms like get_asset_metrics (for numbers) and list_governance_events (for decisions). Don't use it if your goal is general financial news—for that, a simple search engine or dedicated news feed subscription works better. If you just need to verify an asset's basic existence, start with list_assets; don't jump straight into get_asset_details because you might not know the exact name.

Dealing with crypto data used to require a dozen browser tabs and three different subscription services.

Think about how much time is wasted today. You open Messari's site for an asset profile, then jump over to CoinMarketCap for the live metrics, next you check a governance forum for recent votes, and finally, you have to copy-paste all that info into a spreadsheet just to start your analysis. It’s manual, it’s slow, and you almost always miss something.

With this MCP, you tell your agent what you need—say, 'Compare the metrics of ETH against BTC.' The agent handles the complex calls using get_asset_metrics and gets the whole answer back in plain text. You stop navigating dashboards and start getting insights.

Using Messari MCP gives you instant access to asset intelligence.

The biggest manual step that vanishes is the need to switch between qualitative research (reading profiles) and quantitative data checks. You no longer have to assume that a news headline corresponds directly with a market movement; the agent helps correlate them for you, using both get_crypto_news and get_asset_market_data.

This changes everything. You go from spending an hour cross-referencing multiple sources to getting a single, cohesive answer in seconds.

Messari with 10 Tools

These tools let your agent retrieve everything from basic token details to complex historical market data and current governance events.

#	TOOL	DESCRIPTION
01	`get_asset_details`	Fetches core identifying information, such as the name and symbol, for a specific crypto asset.
02	`get_asset_metrics`	Retrieves quantitative metrics like current market cap, 24-hour volume, and circulating supply for an asset.
03	`get_asset_profile`	Provides a comprehensive qualitative overview and detailed metadata about a specific crypto asset or protocol.
04	`get_asset_market_data`	Gathers up-to-the-minute trading data, including pricing and volume, for an asset across various markets.
05	`get_crypto_news`	Pulls the latest headlines and summaries from aggregated crypto news feeds.
06	`list_assets`	Generates a complete list of all available crypto assets tracked by Messari.
07	`list_crypto_exchanges`	Shows which major cryptocurrency exchanges are supported and monitored by the system.
08	`list_governance_events`	Lists recent or upcoming governance events, indicating where a protocol needs community votes.
09	`list_crypto_markets`	Provides a list of all known crypto markets and trading pairs that are being tracked.
10	`search_assets`	Filters the asset universe to find specific tokens or protocols based on keywords or criteria.

See It in Action

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

U Show current metrics for Bitcoin (BTC).

Retrieving metrics for Bitcoin... BTC is currently trading at $65,432.10 with a market cap of $1.28T and a 24h volume of $35B.

U What are the latest crypto news headlines?

Fetching news feed... Recent headlines include Ethereum's latest upgrade progress and new institutional Bitcoin products.

U List all DeFi assets tracked by Messari.

Querying DeFi assets... I found several protocols including Uniswap (UNI), Aave (AAVE), and Maker (MKR).

Frequently Asked Questions

01 **How do I use the Messari MCP to get current market metrics for Bitcoin?**

You need to call get_asset_metrics. Just tell your agent to retrieve the latest quantitative data for 'BTC'. It will return real-time figures like market cap and 24h volume.

02 **Can I use Messari MCP to find out about future governance changes?**

Yes, you can list_governance_events. This tool specifically monitors which protocols are due for community votes or major decisions, helping you track regulatory and development risks.

03 **What if I don’t know the exact symbol to get asset details?**

You should use search_assets first. Search helps narrow down the asset universe by keyword before calling get_asset_details, ensuring you target the correct protocol.

04 **Does Messari MCP provide historical data for crypto assets?**

Yes, while get_asset_metrics provides real-time data, the system supports querying historical timeseries and performance data using specific asset tools.

05 **Is list_assets comprehensive enough to cover all tokens I need?**

list_assets gives you a full catalogue of tracked assets. However, if you're looking for something outside the major DeFi sectors, use search_assets with more specific criteria.

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 `"messari": { "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

Messari 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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Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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