

MCP SERVER

NO CODE

CLOUD HOSTED

Moody's MCP

Get instant credit ratings and risk metrics.

Moody's provides programmatic access to world-class credit ratings, financial risk metrics, and market intelligence for thousands of corporations and securities. Use this MCP to track issuer health, analyze specific bonds, or monitor recent rating actions—all directly within your AI agent. It lets you move beyond simple searches by giving your client immediate, actionable data on global debt markets.

A+ Quality Score 100/100

credit-ratings

risk-assessment

financial-intelligence

issuer-monitoring

market-data

security-analysis



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.

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 — 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.

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://vinkius.com) — connect your AI agent in under 60 seconds.

Moody's MCP

8 tools available

Cloud-hosted on Vinkius

When assessing risk for a large corporate deal, gathering all the necessary information used to be slow and disjointed. Now, you can feed Moody's intelligence directly into your workflow. Your AI agent queries the system, pulling up current ratings, issuer profiles, and even historical rating changes in one go. You don't just get numbers; you get context on global entities and specific financial instruments using tools like listing credit ratings for issuers or searching for organizations by name. Because this intelligence is sourced from a massive catalog of specialized MCPs via Vinkius, your agent can combine Moody's data with other market feeds to give you a complete risk picture. This capability means you spend less time copying and pasting reports and more time making decisions.

Core Capabilities

01 — Identify corporate credit standing

Retrieve the current or historical credit ratings for any global issuing entity.

02 — Analyze specific financial assets

Get detailed rating information and metadata tied to a unique security identifier like CUSIP or ISIN.

03 — Track changes in market sentiment

List recent rating actions, including upgrades, downgrades, and outlook revisions across various sectors.

04 — Research industry scope

Search for specific companies or organizations to determine if they are covered by Moody's ratings.

05 — Explore market classifications

List the segments of the financial markets that Moody's covers, helping you narrow your focus.

One Click on Vinkius — From Prompt to Execution

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

- 01** First, subscribe to this MCP and input your unique Moody's API Key into your agent's configuration.
- 02** Next, prompt your AI client with a specific request, such as asking for the current rating of an issuer or listing recent actions in a particular sector.
- 03** Your agent executes the necessary query against the tools, returning structured data about credit ratings and risk metrics directly to your chat interface.

The bottom line is that you get immediate access to professional-grade financial intelligence without leaving your usual AI workspace.

Built For

Investment bankers, credit analysts, and risk managers who need instant, verifiable data on corporate debt. You're the person who gets tired of cross-referencing three different databases just to write a single due diligence memo.

Credit Analyst

Uses this MCP daily to check an issuer's credit standing, compare current ratings against historical trends, and flag potential downgrades before the quarter ends.

Investment Banker

Routs rating details into pitch decks or internal memos on demand, quickly determining market coverage by running searches for specific financial segments.

Risk Manager

Monitors the full scope of recent rating actions across multiple industries to gauge systemic risk and adjust portfolio exposure.

What Changes When You Connect

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- 01 Know the current health of any company. Instead of searching multiple websites, simply ask your agent to `get_issuer_details` or `list_issuer_ratings` for a quick overview of their corporate standing.

 - 02 Track market movement with precision. Use `list_rating_actions` to see every recent rating change—upgrades, downgrades, and outlook revisions—in one automated sweep.

 - 03 Deep dive into specific bonds. If you need to analyze a particular security, `get_issue_details` gives you the granular metadata without manual database queries.

 - 04 Know your scope. Use `search_entities` first to confirm an organization is covered by Moody's before running detailed checks, preventing wasted calls and time.

 - 05 Contextualize everything. You can use `list_market_segments` to understand which parts of finance are being discussed, helping you tailor your research focus.
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Real-World Applications

Evaluating a potential loan target

A credit analyst needs to know if the company's risk profile has changed. They run `search_entities` first, then use `list_issuer_ratings` to check the full range of ratings. Finally, they call `get_rating_reference` to ensure their client understands the rating scale's meaning.

Due diligence on a bond investment

An investment banker needs to vet a specific security. They use `get_issue_details` for the deep data, check `list_issue_ratings` for the credit history, and then run `list_rating_actions` to see if there were any negative movements recently.

Tracking sector volatility

A risk manager needs a weekly summary of market shifts. They prompt their agent with recent rating actions across the banking sector using `list_rating_actions`, which flags all major upgrades and downgrades for immediate review.

Patterns to Avoid

Searching by partial name

X AVOID

Trying to find a company that's only partially named (e.g., 'Apple Inc.')

 using general web search, leading to multiple potential hits and manual verification.

✓ INSTEAD

Use the dedicated tool `search_entities`. This function guarantees you are querying the authoritative Moody's database for precise entity matches.

Confusing issuer with issue

X AVOID

Asking for all ratings on a company (the issuer) but using the wrong data endpoint, which only returns information about one specific bond (the issue).

✓ INSTEAD

To see all ratings for the whole organization, use `list_issuer_ratings`. For rating details on one bond, you need to call `list_issue_ratings` after getting the necessary identifiers.

Assuming market coverage

X AVOID

Starting a complex analysis without knowing if Moody's even tracks the required financial segment or geographic region.

✓ INSTEAD

Always start by using `get_market_segments`. This tool lets you confirm the scope of the data before investing time in deep analysis.

The Right Fit

Use this MCP if your core task involves assessing creditworthiness, monitoring financial risk changes, or retrieving standardized corporate intelligence. You need to know *who* is rated and *how* that rating has shifted over time. Don't use it if you simply need general market news or basic company contact information. If your goal is merely finding a phone number, use a generic search tool instead. However, if the question 'What is their current credit standing?'

comes up, this MCP, using `list_issuer_ratings` and `get_issuer_details`, is non-negotiable.

The Manual Grind of Due Diligence

Right now, figuring out a company's true risk involves jumping between Moody's website, financial news archives, and internal databases. You spend an hour just cross-referencing recent rating changes, copy-pasting the issuer ID into one tab to check details, and then opening another tab to look up market segments to make sure you didn't miss anything.

With this MCP, your agent handles that entire process in seconds. It compiles a single source of truth by running `list_rating_actions`, gathering context from `get_issuer_details`, and presenting the full picture instantly. You don't just get data; you get certainty.

Accessing Moody's Rating Intelligence

Before this MCP, finding out what ratings were applied to a specific bond required knowing its CUSIP and calling the correct API endpoint. You had to manually check if you needed `list_issue_ratings` or `get_issue_details` just to confirm the data type.

Now, your agent handles that logic for you. You ask the question, and it determines whether to use `get_issue_details` or `list_issuer_ratings`. It's automated intelligence delivery.

Moody's MCP: 8 Tools for Financial Analysis

Use these tools to retrieve structured data on credit ratings, company profiles, security details, and recent rating actions from Moody's database.

#	TOOL	DESCRIPTION
01	<code>get_issue_details</code>	Retrieves comprehensive information for a specific financial security or bond issue.
02	<code>get_issuer_details</code>	Pulls detailed profile and background information about an entire corporate issuer.
03	<code>get_market_segments</code>	Lists the different defined market segments covered by Moody's research scope.
04	<code>get_rating_reference</code>	Provides a reference guide explaining how credit rating scales are structured and interpreted.
05	<code>list_issue_ratings</code>	Generates a list of all recorded credit ratings associated with one specific financial issue.
06	<code>list_issuer_ratings</code>	Retrieves and lists the full range of credit ratings assigned to an entire company or issuer.
07	<code>list_rating_actions</code>	Fetches a chronological list of recent rating changes, including upgrades, downgrades, and outlook revisions.
08	<code>search_entities</code>	Searches the database to find issuers or organizations based on names or keywords.

See It in Action

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

U What is the current Moody's rating for 'Apple Inc.'?



Searching for Apple Inc... I've found the issuer details. The current rating is 'Aa1' with a 'Stable' outlook.

U Show recent rating actions in the banking sector.



Retrieving recent actions... There were 5 rating changes in the banking sector this week, including 2 upgrades and 1 outlook revision.

Frequently Asked Questions

01 How do I check a company's current rating using Moody's MCP?

You can find the corporate standing by calling `list_issuer_ratings` or `get_issuer_details`. These tools pull the full, authoritative credit history for that issuer.

02 What is the difference between `get_issue_details` and `get_issuer_details`?

`get_issuer_details` provides information about the company as a whole (the entity). `get_issue_details` focuses on a specific financial security or bond linked to that company.

03 Can I see all rating changes using `list_rating_actions`?

Yes, `list_rating_actions` pulls a comprehensive record of recent actions. This includes upgrades, downgrades, and outlook revisions across various sectors for quick market tracking.

04 Is Moody's MCP useful if I don't know the company name?

You can use `search_entities` to find organizations or issuers when you only have partial names or keywords. This helps narrow your focus before requesting specific rating data.

05 Does Moody's MCP include a guide on credit ratings?







Yes, the `get_rating_reference` tool provides a clear reference scale explaining how credit ratings are structured and what they mean in practice.

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>"moody's": { "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

Moody's 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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