

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

AI Patent Monetization Engine is a financial tool.

Turn your intellectual property into measurable revenue models.

AI Patent Monetization Engine gives your AI client the ability to run complex financial models on patent portfolios. It analyzes market adoption and technical relevance to help you decide whether to enforce patents, license them passively, or seek new market opportunities. You can quickly calculate if legal action is worth the cost or if a market is ready for exploitation.

A+ Quality Score 100/100

patent

licensing

ai

roi

monetization



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 — 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.

AI Patent Monetization Engine MCP

4 tools available

Cloud-hosted on Vinkius

You can now give your AI agent the ability to act as a specialized IP financial analyst. This MCP provides the math and logic needed to evaluate the commercial worth of AI-related patent portfolios. Instead of manually calculating potential royalties or weighing the costs of litigation, you can ask your AI client to run the numbers for you.

It works by looking at market adoption rates and technical relevance to estimate total revenue potential. You can use it to determine if a specific market is mature enough for exploitation or if it is still in an emerging phase. When you are deciding between aggressive legal enforcement and passive licensing, this MCP evaluates the relationship between patent quality, expected revenue, and legal costs. It helps you move from vague ideas about patent value to concrete financial projections and strategic roadmaps.

Core Capabilities

01 — Revenue Modeling

Your agent calculates total revenue potential against market adoption and royalty rates.

02 — Litigation ROI Analysis

The AI compares the cost of legal action against expected returns to check viability.

03 — Market Phase Assessment

Your client determines if a market is emerging or mature for patent exploitation.

04 — Strategic Decision Making

The MCP suggests specific licensing paths based on patent quality and financial metrics.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/ai-patent-monetization-engine — connect your AI agent in three steps.

- 01 Connect your preferred AI client to the Vinkius platform.
- 02 Provide your patent or market data to your AI agent.
- 03 Ask the agent to run specific tools like revenue analysis or strategy recommendations.
- 04 Receive formatted financial outputs and strategic advice directly in your chat interface.

You connect your AI client to the Vinkius-hosted MCP and start running financial models immediately.

Built For

This MCP is built for professionals managing intellectual property assets who need rapid financial modeling.

IP Strategists

They hand off portfolio data to the AI to generate licensing recommendations.

Patent Attorneys

They use the tool to calculate if enforcement costs are justified by potential gains.

Corporate Finance Analysts

They use the MCP to model the commercial value of technical assets.

What Changes When You Connect

- 01 Automates the math behind patent revenue and ROI calculations.
- 02 Provides clear licensing paths based on patent quality and market data.

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- | | |
|----|--|
| 03 | Reduces the time spent deciding between enforcement and passive licensing. |
| 04 | Connects technical patent data to financial outcomes. |
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Real-World Applications

Enforcement Decision Support

Decide if a lawsuit is worth the expense by comparing legal costs to projected revenue.

Portfolio Valuation

Estimate the total worth of an AI patent collection relative to market size.

Market Entry Timing

Check if a specific industry is ready for patent exploitation or still too early.

Licensing Roadmap

Identify whether to pursue active enforcement or passive licensing for a specific asset.

Patterns to Avoid

Guessing market maturity

❌ AVOID

You tell your agent that a market is ready for exploitation based on a gut feeling about recent news.

✓ INSTEAD

Use ``calculate_market_readiness`` to get an objective assessment of whether a market is actually mature enough for your patents.

Ignoring legal overhead

❌ AVOID

You decide to sue a competitor because their product uses your tech, without looking at the legal fees.

✓ INSTEAD

Run ``evaluate_enforcement_viability`` to see if the projected revenue actually covers the cost of litigation.

Static portfolio views

❌ AVOID

You look at a single patent in isolation and assume its value is fixed regardless of market shifts.

✓ INSTEAD

Use `analyze\_portfolio\_value` to see how the entire collection performs against specific market opportunities.

The Right Fit

Connect this MCP if you manage IP assets and need to turn technical patent data into financial projections. If you are just browsing patent filings without a commercialization or enforcement goal, you don't need this. The deciding factor is whether you need to justify legal or licensing spend with hard math.

4 Specialized Tools for IP Financial Modeling

These tools handle the heavy lifting of patent math, from market readiness checks to enforcement ROI.

#	TOOL	DESCRIPTION
01	analyze_portfolio_value	This tool calculates the total revenue potential of a patent portfolio based on specific market opportunities.
02	calculate_market_readiness	This tool assesses whether a market opportunity is ready for patent exploitation.
03	evaluate_enforcement_viability	This tool determines if the expected revenue from legal action justifies the cost of enforcement.
04	recommend_licensing_strategy	This tool suggests the best business move, such as Active Enforcement or Passive Licensing, by weighing revenue, costs, and patent quality.

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 potential revenue for a patent portfolio with a market size of 1,000,000 EUR, 50% adoption, and a 5% royalty rate?



The total revenue potential is 25,000 EUR.

U Is it viable to spend 50,000 EUR on enforcement if the expected revenue is 150,000 EUR?



Yes, the enforcement is viable with a net gain of 100,000 EUR and an ROI of 2.0.

U What strategy should I use if I have high revenue potential but low patent strength?



The recommended strategy is Passive Licensing.

Frequently Asked Questions

01 What AI clients can use this MCP?

You can use this MCP with any compatible client, including Claude, Cursor, Windsurf, and VS Code.

02 Do I need to host the MCP myself?

No, Vinkius hosts and manages the MCP for you. You just connect your client and start working.

03 Can this tool help with legal decisions?

It provides financial modeling to determine if legal action is financially sound by comparing costs to expected revenue.

04 What kind of patent portfolios does this work for?

It is specifically designed for evaluating the commercial value of AI-related patent portfolios.

05 How does it recommend a licensing strategy?

It looks at the relationship between revenue, cost, and patent quality to suggest paths like Passive Licensing or Active Enforcement.

06 How is the revenue potential calculated?

Revenue is calculated by multiplying the target market size by the adoption rate and the royalty rate, then adjusting for patent strength and relevance via ``analyze_portfolio_value``.

07 Can I determine if litigation is worth the cost?

Yes, use the ``evaluate_enforcement_viability`` tool to calculate the expected ROI and net gain of enforcement actions.

08 What kind of strategic advice does the tool provide?

The ``recommend_licensing_strategy`` tool suggests actions like Active Enforcement, Passive Licensing, Strategic Partnerships, or Portfolio Divestment based on your data.

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>"ai-patent-monetization-engine": { "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

AI Patent Monetization Engine 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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