MCP SERVER | NO CODE | CLOUD HOSTED

Mirakl MCP

Manage offers, orders, and sellers without clicking through dashboards.

Mirakl (Enterprise Marketplace Platform) MCP connects your AI agent directly to your marketplace backend. List global product offers, track multi-vendor orders end-to-end, audit seller compliance profiles, and manage complex financial settlements—all without logging into the portal.

A+ Quality Score 100/100

marketplace | inventory-management | vendor-management | offer-orchestration | saas-platform | retail-operations

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vinkius.com/mcp/mirakl-enterprise-marketplace-platform

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.

Mirakl (Enterprise Marketplace Platform) MCP

10 tools available
Cloud-hosted on Vinkius

Your agent can now handle core operations for any large e-commerce platform using Mirakl. Forget jumping between dashboards to get a full picture of your business. You talk to your AI client, and it pulls data from every critical system: you can list specific global offers across multiple sellers, pull the full details on multi-vendor orders, or check fulfillment histories. Need to audit seller performance? You can enumerate all third-party shops and retrieve their compliance profiles instantly. The MCP also tracks accounting invoices and settlements tied to those shops, giving finance teams clear visibility into your financial boundaries. All platform communication, from buyer questions to seller disputes, is available through the message stream, letting you monitor support logs efficiently. Accessing this data via Vinkius means all these capabilities live in one place, ready for your agent to use when you need them.

Core Capabilities

01 — Audit global product listings

List and retrieve detailed marketplace offers from multiple sellers, including current inventory availability and specific pricing constraints.

02 — Track multi-vendor transactions

Retrieve full line-item details, payment statuses, and fulfillment histories for complex checkout orders involving several vendors.

03 — Manage seller accounts

Get comprehensive lists of third-party shops on the platform along with their detailed operational configurations and compliance records.

04 — Navigate product taxonomy

Explore the entire platform product catalog and navigate the structural category trees to understand market structure.

05 — Review financial settlements

List and audit structural accounting invoices and payments triggered against seller shops for clear financial oversight.

06 — Monitor platform communication

Access full, chronological message threads between buyers, sellers, and internal operators to monitor support interactions.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/mirakl-enterprise-marketplace-platform** — connect your AI agent in three steps.

01 Subscribe to this MCP and provide your specific Mirakl Environment URL and API Key.

02 Connect the credentials to your preferred AI client (Claude, Cursor, etc.).

03 Use natural conversation prompts to execute tasks like listing offers or checking order status.

The bottom line is you tell your agent what data you need, and it handles the complex API calls to get a coherent answer.

Built For

This MCP is for e-commerce marketplace operators who are tired of manual portal navigation. If you spend hours cross-referencing vendor dashboards, financial statements, and order management systems just to answer one question, this is for you.

Marketplace Operations Manager

Uses the MCP to track multi-vendor order flows and monitor seller performance across different shops without ever leaving their chat interface.

E-commerce Analyst

Audits global offer distributions or navigates category taxonomies directly from a prompt, letting them optimize product discovery faster than running manual reports.

Finance & Compliance Officer

Checks marketplace invoices and seller compliance profiles to maintain high platform standards, quickly verifying financial boundaries and operational adherence.

What Changes When You Connect

01 Track complex transactions instantly. Instead of pulling separate reports for order tracking, use `list_orders` and `get_order` to get full line-item details and payment statuses in one conversational query.

02 Audit compliance easily. Use the MCP to run through all active sellers with `list_shops`, then check specific seller details using `get_shop` to ensure operational readiness across your platform.

03 Get financial clarity fast. The ability to call `list_invoices` and audit structural accounting records means finance teams can validate marketplace settlements without accessing the core billing system.

04 Understand product context. If you need to check inventory or pricing, running `list_offers` provides immediate access to live global listings, far faster than manually searching seller storefronts.

05 Monitor customer support history. Use `list_messages` to pull up conversation threads instantly, giving operators full context on a buyer's issue without needing the order ID first.

Real-World Applications

Checking fulfillment status for a large sale.

A manager needs to know if an order placed by three different sellers has been paid for and shipped. They ask their agent to `list_orders` for the ID, then use `get_order` to confirm payment statuses and check the combined fulfillment history.

Verifying a seller's credentials.

A compliance officer needs proof that 'Tech World' is still compliant. They ask their agent to run `list_shops`, find the shop ID, and then use `get_shop` immediately to retrieve the latest operational configurations and compliance profiles.

Resolving a billing dispute.

A finance team member needs to confirm payment for last week's sales. They ask their agent to run `list_invoices`, find the relevant settlement, and then use `get_order` details if they suspect a specific transaction was miscounted.

Mapping product structure.

An e-commerce lead wants to know how many different categories exist under 'Electronics' across the whole marketplace. They ask their agent to run `list_categories` and then use `list_products` to see all available nodes in that section.

Patterns to Avoid

Treating it like a simple search engine

✗ AVOID

Asking the agent, 'What's wrong with order X?' The agent only sees the messages and can't link them to payments or compliance issues.

✓ INSTEAD

Be specific: 'Check order X. Use `get_order` to check payment status, then use `list_messages` to see if a seller response was recorded for the delay.' This combines multiple tools for one answer.

Over-relying on product catalogs

✗ AVOID

Thinking that listing products using `list_products` gives real-time sales data. It only shows the structure, not who is selling it or how much they sold.

✓ INSTEAD

To see what's actually for sale and priced, always start by running `list_offers`. This tool combines product catalog info with live seller pricing constraints.

Ignoring the financial flow

✗ AVOID

Solving a payment dispute only by looking at message history (`list_messages`), which won't explain *why* money wasn't paid out.

✓ INSTEAD

Always cross-reference communication logs with finance tools. Use `get_order` to confirm the total value, then use `list_invoices` to see if a settlement was triggered for that amount.

The Right Fit

Use this MCP if your core job involves synthesizing data from three or more distinct operational sources: order status, seller compliance records, and financial settlements. You need the system to act like a single pane of glass over a complex e-commerce backend.

Don't use it if you only need basic information retrieval (like just checking one product ID) because then simple API integrations or dedicated data visualization tools are faster. Also, don't rely on it for content creation; this is purely for reading and auditing existing operational data. If your goal is to update seller profiles programmatically rather than viewing them, you might need a different tool set.

The Headache of Cross-System Data Silos

Today, figuring out the full status of a large sale means logging into three separate portals: one for order tracking, another for seller compliance reports, and a third one just to audit invoices. You spend hours copy-pasting IDs, switching tabs, and manually cross-referencing dates to build a single narrative.

With this MCP, you simply ask your agent about the sale ID. It pulls data from all those silos—the order details, the seller's current compliance status, and the financial settlement records—and gives you one comprehensive answer in plain text.

Getting Full Visibility with Mirakl (Enterprise Marketplace Platform)

You no longer have to run separate queries for seller listings, then manually look up their specific offer constraints. Your agent can execute `list_shops` and immediately follow up by running `get_shop` on a selected shop ID to understand its operational scope.

The difference is conversational depth. You get the full context—the 'why' behind the numbers—in natural language, instead of just a raw JSON dump you have to interpret.

Mirakl (Enterprise Marketplace Platform) 10 Tools

These tools allow you to list, get, audit, and retrieve all critical data points across offers, orders, shops, invoices, and platform communication logs.

#	TOOL	DESCRIPTION
01	`list_offers`	Lists all global marketplace offers created by multiple sellers, detailing specific price points.
02	`get_offer`	Retrieves deep details about a single explicit Mirakl offer entity and its seller limits.
03	`list_orders`	Lists all complex, multi-vendor checkout orders processed through the Mirakl marketplace.
04	`get_order`	Gets deep details tracing a specific Marketplace order transaction, including full line items and payment status.
05	`list_shops`	Lists all third-party seller accounts (Shops) that are currently active on the platform.
06	`get_shop`	Retrieves deep configurations and profiles for a specified Mirakl Seller Shop account.
07	`list_products`	Lists nodes from the broad platform product catalog, regardless of specific seller listing.
08	`list_categories`	Lists static structural category trees, helping map the overall marketplace taxonomy (e.g., Electronics → Computers).
09	`list_messages`	Retrieves a list of internal communication messages between buyers, sellers, and platform operators.
10	`list_invoices`	Lists structural accounting invoices that track financial settlements for seller shops.

See It in Action

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

U List all active seller shops in my Mirakl marketplace

I've retrieved your list of active shops. Highlights include 'Tech World' (ID: shop-123), 'Home & Garden Pro' (ID: shop-456), and 'Direct Sport' (ID: shop-789). Would you like to see the compliance status or offer count for any of these?

U Show me the last 5 invoices generated for seller shops

Retrieving latest invoices... I've identified 5 recent settlements. Highlights: Invoice #INV-1001 (€1,250 for Shop A), Invoice #INV-1002 (€850 for Shop B), and Invoice #INV-1003 (€45.50). Would you like to see the settlement details for the largest invoice?

U Search for messages related to order ID 'order-987'

Searching communication history... I've found a thread for order 'order-987' between the buyer and the seller. The customer is asking about the delivery timeframe. Would you like me to retrieve the full message content or draft a reply as the operator?

Frequently Asked Questions

01 **How do I use Mirakl (Enterprise Marketplace Platform) MCP to check inventory?**

You run `list_offers` and it pulls the live inventory binding for specific products. This is better than checking a catalog, because it shows which sellers actually have stock right now.

02 **Can Mirakl (Enterprise Marketplace Platform) MCP help with refunds?**

Yes, you use `get_order` to view the transaction details and payment statuses. If there's a dispute, you can cross-reference that data with `list_messages` for any communication around the refund request.

03 **Is Mirakl (Enterprise Marketplace Platform) MCP only for active shops?**

No. You use `list_shops` to see all accounts, and then you can run `get_shop` to retrieve detailed compliance profiles regardless of their current activity level.

04 **How do I audit my financial records with Mirakl (Enterprise Marketplace Platform) MCP?**

Run `list_invoices`. This function retrieves the structural accounting invoices and settlements, giving you a clear overview of your marketplace's financial boundaries.

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 `"mirakl-enterprise-marketplace-platform": { "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

Mirakl (Enterprise Marketplace Platform) 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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Endpoint	`https://edge.vinkius.com/{token}/mcp`

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