MCP SERVER | NO CODE | CLOUD HOSTED

# Zenserp MCP

## Instantly Gather Global Search Data & Insights

Zenserp provides immediate access to live search engine results (SERP) across Google, Bing, Yandex, and DuckDuckGo. It lets your AI agent gather structured data—from organic titles and snippets to local business listings and product prices—without manual scraping or proxy headaches.

A+ Quality Score 100/100

serp-api | search-intelligence | keyword-tracking | organic-search | data-scraping | search-engine-results

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vinkius.com/mcp/zenserp

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.

# Zenserp MCP

10 tools available
Cloud-hosted on Vinkius

Your agent connects to this MCP and instantly pulls structured search intelligence from multiple global sources. Instead of manually checking five different tabs, you ask for a specific query, and the system delivers compiled data points in natural language. You can pull organic results from Google, Bing, Yandex, or DuckDuckGo, all within one conversation thread. Need to track competitors? Run a comparison of product pricing across major e-commerce search tools. Analyzing local competition is simple; just ask for business listings and ratings from specific maps. Whether you're compiling massive datasets for trend analysis or finding the best images for a campaign, this MCP makes global market intelligence available through your preferred AI client. When you find powerful connectors like Zenserp within Vinkius, your agent becomes less of an assistant and more of a dedicated global research team.

## Core Capabilities

**01 — Gathering Multi-Engine Search Results**

The tool pulls structured organic results from Google, Bing, Yandex, or DuckDuckGo for the same query.

**02 — Analyzing Local Business Details**

You retrieve verified physical addresses, user ratings, and reviews for any specific location using Google Maps data.

**03 — Tracking E-commerce Pricing**

The system scrapes product availability and current pricing by querying Google Shopping results into structured JSON format.

**04 — Monitoring Current News Stories**

It pulls recent articles, titles, snippets, and precise timestamps from Google News feed metadata.

**05 — Finding Visual or Video Content**

You can search for relevant images across major engines or index videos directly via YouTube and Google Video tools.

## One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and input your Zenserp API Key into Vinkius.

02 Tell your AI client exactly what you need—for instance, 'Find the top 3 competitors for X in London'—including location details if necessary.

03 The system executes multiple targeted searches across the required engines and delivers a single, organized response containing all relevant data.

The bottom line is that your AI agent acts as a universal search analyst, pulling structured data from dozens of global sources based on simple conversation prompts.

## Built For

Anyone who spends time aggregating competitive information or doing market research will need this. It's for the SEO expert tired of manually checking five different search tabs, and the data scientist who needs massive, structured datasets without building custom scrapers.

**SEO Specialist**

Runs keyword gap analysis by comparing organic result snippets across Google, Bing, and Yandex to identify regional ranking opportunities.

**Market Researcher**

Compiles competitive intelligence by collecting local business ratings from Maps or scraping current product pricing data from Shopping results.

**Content Marketer**

Gathers inspiration by finding relevant, high-quality images and breaking news headlines to inform the next content piece.

## What Changes When You Connect

01 Stop switching between search tabs. You can compare the top organic results for a single keyword across Google, Bing, and DuckDuckGo in one single query.

02 Never manually verify local business data again. Use `search_maps` to pull comprehensive details—reviews, ratings, and addresses—for immediate competitor analysis.

03 Get real-time pricing intelligence with `search_shopping`. Instead of guessing product costs, you get structured JSON comparing availability across major retailers.

04 Keep up with breaking trends by using `search_news`. You receive compiled articles from Google News with source metadata and timestamps, perfect for content planning.

05 Find visual assets quickly. Use `search_images` to pull direct URLs for high-quality images or use `search_youtube` to find indexed video sources.

## Real-World Applications

**A regional expansion requires local competitor data**

The agent executes a query combining `search_maps` and `search_google` for 'coffee shops in Miami, FL'. The user receives a list of top competitors with their exact physical addresses, customer ratings, and the top three organic search results for that location.

**Need to analyze product pricing changes**

A market researcher asks the agent to monitor 'noise-canceling headphones' across multiple sites. The system uses `search_shopping` to return a structured dataset showing current prices and availability from several major online stores.

**Researching breaking industry news**

A content marketer asks for the latest headlines on 'AI regulation'. The agent runs `search_news`, delivering titles, snippets, and source metadata for immediate article selection.

# Patterns to Avoid

### Relying only on Google search

✗ AVOID

Running a basic query using just the standard Google tool misses out on key data points available elsewhere.

✓ INSTEAD

To get a full picture, combine tools. Run `search_google` for general results, then run `search_bing` and `search_duckduckgo` to compare snippets across major engines.

### Treating search results as simple links

✗ AVOID

Copying only the title from a Google search result is useless because it lacks context like reviews or current pricing.

✓ INSTEAD

Instead, use `search_maps` to get structured data. This tool provides ratings and physical addresses in addition to just listing the business name.

### Forgetting geographic constraints

✗ AVOID

Searching for 'best car insurance' without a location parameter returns generic national results, which isn't helpful.

✓ INSTEAD

Always include specific parameters (e.g., 'Miami, FL') in your prompt to force the agent to use geo-aware tools like `search_google` or `search_maps`.

## The Right Fit

Use this MCP if your primary job involves collecting structured search data from multiple sources—whether it's comparing product prices, checking local business viability, or tracking keyword rankings across different engines. If you need comprehensive coverage (Google, Bing, Yandex, etc.), this is the tool. However, don't use it if you simply need to write an essay based on general knowledge; that requires a large language model alone. Also, don't rely solely on `search_google` for international markets—you must call out `search_yandex` or other dedicated tools to ensure regional accuracy.

## The Mess of Manual Search Aggregation

Today, if you need a full competitive view, you open ten browser tabs. You check Google for organic results, then switch to Bing to see their take. Next, you go to Google Maps to find the physical address and reviews. If you're checking product prices, you have to manually visit Shopping, then maybe another site. It’s a painful cycle of copying URLs and switching contexts.

With this MCP, those manual steps disappear. You ask your agent for the competitive analysis, and it automatically runs targeted searches across Google, Bing, Yandex, and Maps. You get one clean report—a single answer that compiles data from every source you need.

## Zenserp: Structured Data From Search Engines

You no longer have to manually visit Google Shopping, copy the product name and price, then switch to a competitor's site to check their pricing. It’s tedious work that guarantees human error.

Now, you just ask for 'product comparisons,' and the agent uses `search_shopping` to deliver structured JSON data containing prices and availability across multiple retailers instantly.

# Zenserp MCP: 10 Search Engine Data Tools

Use these ten tools to execute specific searches across every major search engine and data category from one conversation.

| # | TOOL | DESCRIPTION |
|---|---|---|
| 01 | `search_bing` | Pulls standard organic search results specifically from Microsoft Bing. |
| 02 | `search_duckduckgo` | Retrieves clean, private organic search results using the DuckDuckGo engine. |
| 03 | `search_images` | Finds and retrieves image search results directly from Google's visual index. |
| 04 | `search_maps` | Gathers local business listings, physical addresses, and user reviews using Google Maps data. |
| 05 | `search_news` | Returns current news articles complete with titles, snippets, and precise publication timestamps from Google News. |
| 06 | `search_google` | Retrieves general organic search results from Google, optionally limiting the search to a specific city or state. |
| 07 | `search_shopping` | Collects structured data on product prices and current availability by scraping Google Shopping listings. |
| 08 | `search_videos` | Finds indexed video results through Google's dedicated video search tool. |
| 09 | `search_yandex` | Pulls general search results from the Yandex engine, useful for Russian-language markets. |
| 10 | `search_youtube` | Retrieves specific video search data directly from the YouTube platform. |

# See It in Action

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

**U** Search Google for 'best CRM software for small business' and show me the top 5 organic results.

I found the top 5 organic results for your query. 1. HubSpot CRM (https://...), 2. Zoho CRM (https://...), 3. Salesforce Essentials (https://...). Would you like me to pull the snippets for any of these?

**U** Find restaurants in 'Austin, TX' using Google Maps and show their ratings.

I found several highly-rated restaurants in Austin: 1. Franklin Barbecue (Rating: 4.8, 15k reviews), 2. Uchi (Rating: 4.7, 3k reviews), and 3. Terry Black's BBQ (Rating: 4.8, 12k reviews). Would you like the addresses for any of these?

**U** What are the current news headlines for 'generative AI'?

Retrieving news for 'generative AI'... 1. 'New advancements in LLM reasoning' (Source: TechCrunch, 2h ago), 2. 'AI ethics board releases new guidelines' (Source: Reuters, 5h ago). Would you like to read the snippets for these articles?

# Frequently Asked Questions

01 **How does Zenserp MCP handle different countries?**

The MCP supports global coverage using dedicated tools like `search_yandex` for Russian-language markets, while also allowing geo-targeting in general searches (e.g., 'New York, NY') through the primary Google search function.

02 **Can Zenserp MCP pull historical data?**

The tool is designed for live scraping of current results and articles. For tracking changes over time, you'd need to run queries repeatedly or use a separate archival process.

03 **Do I have to pay per search query using Zenserp MCP?**

Subscription details are handled by Vinkius when connecting your API key. The MCP allows you to perform complex, multi-engine queries through a single connection point.

04 **Which tool should I use for checking local businesses?**

You must use `search_maps`. This specific tool is optimized to retrieve physical addresses, ratings, and reviews directly from Google Maps data, which general search tools cannot access.

05 **Is Zenserp MCP better than just using a web scraper?**

Yes. A simple web scraper only pulls raw HTML. This MCP structures the output—it gives you clean JSON and organized lists of specific data points like titles, snippets, or prices.

# 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 `"zenserp": { "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

# Zenserp 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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