

MCP SERVER

NO CODE

CLOUD HOSTED

Serper MCP

Get Real-Time Web Data Instantly

Serper provides fast, affordable API access to real-time Google Search results, breaking news feeds, and high-quality images. Stop wading through search engine tabs; let your agent pull structured data—titles, links, snippets, and coordinates—from the web instantly for research or content generation.

A+ Quality Score 100/100

search-api

real-time-data

news-aggregation

image-search



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.

Serper MCP

3 tools available

Cloud-hosted on Vinkius

Need fresh information? This MCP lets your AI client access the live internet like a professional researcher's desk setup. It gathers everything from general organic search results to the latest headlines and visual assets. You can ask it to track industry news, find specific diagrams for a presentation, or pull key stats on a competitor—all without opening a browser. When you connect this MCP via Vinkius, your agent gets instant access to all three data types in one place. Instead of spending hours copying links and skimming headlines across multiple tabs, your AI client delivers structured answers right into your workflow.

Core Capabilities

01 — Perform general web searches

Your agent retrieves current organic results from Google, providing titles, direct links, and text snippets for any query.

02 — Track breaking news stories

It queries the latest articles available on Google News, returning headlines, sources, publication dates, and summaries about a topic.

03 — Gather visual research assets

The tool finds specific images related to your query, supplying URLs, titles, and source pages for easy reference gathering.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to the Serper MCP on Vinkius and enter your API key into your preferred AI client.
- 02 Your agent recognizes the available search tools and prompts you with a query (e.g., 'What was the biggest tech news last week?').
- 03 The tool executes the search in real time and returns clean, structured data—whether it's text results, articles, or image links—ready for your next action.

The bottom line is that you give your agent a question, and it gives you comprehensive, verifiable web answers instantly.

Built For

This MCP is essential for data analysts, technical content writers, and market researchers. If your job requires knowing what's happening **right now**—whether that's a competitor's launch or the latest scientific breakthrough—you need this. It takes the guesswork out of research by providing structured web inputs.

Technical Content Writer

Using it to ensure articles about complex topics are based on the most current industry news and accurate visual examples.

Market Researcher

Running quick checks to see what search trends or competitor announcements have surfaced in real-time without manually checking multiple source websites.

Data Analyst

Pulling structured data points, such as article sources and publication dates from Google News, to build time-series reports.

What Changes When You Connect

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- 01** Stop relying on outdated internal knowledge bases. Use `google_search` to pull structured, real-time organic data directly into your workflow.

 - 02** When you need immediate context, use `google_news_search` to monitor breaking industry trends and competitor announcements without browsing news sites.

 - 03** Visual research is faster than ever. The `google_image_search` tool gives you image URLs and sources instantly for diagrams or reference material.

 - 04** Forget copy-pasting links into spreadsheets. This MCP structures the output, giving you usable data points from search results immediately.

 - 05** The free tier provides 2,500 searches per month, making it extremely affordable while maintaining sub-100ms latency.
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Real-World Applications

Writing an article on a rapidly changing topic

A content manager asks their agent to 'Find the latest data and images regarding quantum computing.' The agent uses `google_search` for top results, `google_news_search` for recent breakthroughs, and `google_image_search` for diagrams. All three streams of information are compiled into a single response.

Building a visual knowledge base

A student needs to build a presentation on neural networks. They ask their agent to 'Find diagrams and articles about CNN architecture.' The agent uses `google_image_search` for visuals and `google_search` for context, giving the student immediate reference material.

Monitoring competitor activity

A market analyst asks their agent to 'Track all news about our main competitor over the last 48 hours.' The agent uses `google_news_search`, providing immediate headlines and sources so the analyst can react quickly.

Validating market claims

A consultant needs quick proof points. They ask their agent to 'Show me the top three search results and any related news about decentralized finance.' The agent uses both `google_search` and `google_news_search` to provide immediate, verifiable evidence.

Patterns to Avoid

Trying to find niche data points

✗ AVOID

The user manually opens Google, types a query, clicks through the first 10 results, copies titles and links into a spreadsheet, and then repeats this process for news articles.

✓ INSTEAD

You let your agent handle it. Use `google_search` to gather all top organic results in one step. If you need headlines specifically, use `google_news_search`.

Confusing search with knowledge retrieval

✗ AVOID

The user assumes the tool can answer a complex question like 'Why did the market dip?' without providing enough context.

✓ INSTEAD

Use the tool for verifiable facts, not opinions. If you need to analyze internal documents or codebases, use your agent's file reading tools instead of `google_search`.

Ignoring localized results

✗ AVOID

Running a generic search without specifying location parameters and getting irrelevant data for the target market.

✓ INSTEAD

Always specify geo-location (`gl`) or language (`hl`) in your prompt when using `google_search` to ensure you get relevant, localized results.

The Right Fit

Use this MCP if your goal is verifiable, real-time information from the public web. If you need to know what's trending today, finding recent news articles about a topic (using `google_news_search`), or gathering visual context for research, this is your tool. Don't use it if you are trying to access proprietary data, internal company records, or files stored locally; for those tasks, you need an RAG-type knowledge base connector instead. Use it when the answer exists on Google, whether in a headline, an image, or the top search result snippet. If your goal is simply summarizing text already provided to the agent, don't use this MCP at all.

The endless cycle of copy-pasting web research

Today, gathering comprehensive market intelligence means opening a dozen tabs. You search Google for general results, then you have to open a separate tab for news, and if you need supporting diagrams, you jump over to the image search. Then comes the copy-pasting marathon: titles go here, links go there, dates get pasted in another cell.

With this MCP, all that manual clicking stops. You ask your agent what you need—say, 'the latest on AI frameworks'—and it instantly pulls structured data from multiple sources. It gives you the headlines, the top results, and key images, ready to paste into a report.

Serper MCP: Structured Google Data

You no longer have to manually check multiple services or remember which link was the most relevant. The agent handles the complexity, using `google_search` for core facts and `google_news_search` for time-sensitive updates.

What's different now is that you get actionable data streams—not just links. You get clean titles, sources, dates, and structured visual assets, letting you focus entirely on writing.

Serper: 3 Tools for Web Research

Use these tools to programmatically gather anything you need from the public web, including general search results, breaking news stories, and specific images.

#	TOOL	DESCRIPTION
01	<code>google_image_search</code>	Searches Google Images for visual content, returning structured results including image URLs, titles, and source pages for deep visual research.
02	<code>google_news_search</code>	Queries Google News to return the most recent articles matching your topic, providing headlines, sources, dates, and snippets.
03	<code>google_search</code>	Performs a real-time general Google Search, returning structured organic results with titles, links, snippets, and positions for any query.

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 AI agent frameworks 2026' and show me the top 5 results.



Found 5 results for 'best AI agent frameworks 2026':

#	TITLE	SOURCE
1	Top 10 AI Agent Frameworks	datacamp.com
2	LangGraph vs CrewAI vs AutoGen	towardsdatascience.com
3	Best Agent Tools 2026	dev.to
4	Building AI Agents Guide	langchain.com
5	Agent Framework Comparison	medium.com

U Search the latest news about OpenAI.



Found 10 news articles about OpenAI:

#	TITLE	SOURCE	DATE
1	OpenAI Launches New Agent API	techcrunch.com	2h ago
2	GPT-5 Release Timeline	theverge.com	5h ago
3	OpenAI Valued at \$300B	bloomberg.com	1d ago

U Search Google Images for 'neural network architecture diagram'.



Found 10 image results for 'neural network architecture diagram':

1. **CNN Architecture Diagram** — researchgate.net
2. **Transformer Model Architecture** — arxiv.org
3. **Deep Learning Layers Visualization** — towardsdatascience.com

Frequently Asked Questions

01 How does Serper MCP handle localized search results?

It supports geolocation (gl) and language (hl) parameters. You include these in your prompt to ensure the results are relevant to a specific region or language.

02 Can I use Serper MCP for image research?

Yes, the google_image_search tool lets you find visual content. It returns URLs and titles so you can quickly reference diagrams or images in your work.

03 Is Serper reliable for breaking news?

The google_news_search tool is designed to query Google News specifically, making it perfect for tracking the absolute latest articles on a topic.

04 Does Serper MCP work with all AI agents?

Yes. By connecting through Vinkius, your agent can access this MCP regardless of whether you're using Claude, Cursor, or another compatible client.

05 How many searches are included in the free tier of Serper?







The service offers 2,500 free searches per month. This is a very generous limit for accessing real-time Google data via an API.

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>"serper": { "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

Serper 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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