MCP SERVER | NO CODE | CLOUD HOSTED

Serper MCP

Audit all web data in one conversation.

Serper is a high-speed Google Search API that lets your agent audit every type of web data instantly. You can query organic search results for detailed snippets and links, track real-time industry news using the `search_news` tool, find local business details with `search_places`, or pull academic papers via `search_scholar`. It transforms complex research tasks—from market audits to patent checks—into a single conversation within your AI client.

A+ Quality Score 100/100

google-search | web-discovery | news-tracking | local-business-data | fast-query

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vinkius.com/mcp/serper-alternative

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.

Serper MCP

10 tools available
Cloud-hosted on Vinkius

Serper connects your agent directly to Google's full search engine capability. Instead of opening ten tabs and copy-pasting results, you ask your agent what you need, and it brings back the structured data. This MCP allows you to run targeted searches across different formats: organic web pages, images, news feeds, local listings, patents, and scholarly articles—all without leaving your workflow. You can monitor brand mentions or track competitor strategies in real-time using a single prompt. When you connect this MCP through Vinkius, your AI client acts as a full-spectrum research analyst, grounding every piece of intelligence in live search data. It's built for deep dives, whether you're mapping out geographic strategy or needing to verify trending topics before publishing.

Core Capabilities

01 — Find general web context

Execute a standard Google search and retrieve detailed snippets and links for immediate analysis.

02 — Track current events

Search real-time news results to monitor industry developments or public relations updates.

03 — Locate physical businesses

Query Google Maps data to understand local business distributions and get venue details for a specific area.

04 — Audit intellectual property

Search databases specifically for patents or academic papers, helping you control your IP research.

05 — Capture visual trends

Search Google for images and videos to maintain a clear view of current visual content trends.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP on Vinkius and provide your Serper API key.

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

03 Instruct your agent with a complex search query; it then executes multiple searches through the available tools and compiles the results.

The bottom line is that you get comprehensive web intelligence—from news articles to local addresses—all synthesized into one answer from your AI client.

Built For

Anyone whose job depends on current, diverse, and verifiable external data needs this. If you spend time switching between Google Maps, Google News, and search engine results to compile a report, this MCP saves hours of manual clicking.

Market Researcher

Runs deep competitor analyses by querying organic search results and gathering snippets on market sentiment.

Content Strategist

Verifies trending news and searches for image assets to plan timely, relevant publications.

IP Analyst

Performs rapid, systematic audits of scholarly articles using `search_scholar` and checks patent databases.

What Changes When You Connect

01 You don't have to stitch together information from multiple sources. By using `search_news` and `search_google`, your agent pulls market analysis, recent headlines, and supporting links into a single coherent response.

02 Forget manually checking Google Maps for competitors. Running the `search_places` tool provides structured data on local businesses—addresses, ratings, and details—to map out entire service areas instantly.

03 Need to check intellectual property? The MCP allows you to run specialized searches using `search_patents` or `search_scholar`. This means your agent handles complex database queries that would otherwise require manual browsing.

04 The ability to audit visual trends changes everything. Using `search_images` and `search_videos` lets you instantly see what the competition is promoting visually, saving time on inspiration gathering.

05 It saves context-switching fatigue. Instead of opening a browser for general info, then another for news, your agent handles all these searches—from general web results (`search_google`) to local data (`search_places`)—in one go.

Real-World Applications

Competitive Market Audit

A market researcher needs a full picture of a competitor. They ask their agent to run `search_google` for the company's services, then use `search_news` to find recent press mentions, and finally use `search_places` to see if the company has opened any new physical locations. The agent compiles all three data streams into one report.

Academic Literature Review

An IP analyst needs to understand a niche research area. They prompt their agent to use `search_scholar` for foundational papers and then run `search_patents` to see if the technology has been patented recently. This gives a rapid, comprehensive view of both theory and implementation.

Local Event Planning

An operations lead is planning an event in a new city. They ask their agent to use `search_places` for venues, run `search_videos` to scout local ambiance, and check `search_shopping` results for required supplies—all before leaving the chat window.

Content Planning & Trend Spotting

A content strategist needs ideas. They use their agent to run a general search (`search_google`) on an emerging topic, then `search_images` and `search_videos` to identify visual assets, ensuring the content is timely and relevant.

Patterns to Avoid

Treating the AI like a simple search bar

✗ AVOID

Just typing 'best coffee shops' into your agent without specific tools. The response will be vague, lacking structured data or source verification.

✓ INSTEAD

Use `search_places` for structured location data and follow up with `search_google` to gather reviews and general context. This forces the AI to use the specialized tool first.

Manual cross-referencing of search types

✗ AVOID

Having to manually open Google News, then switch tabs to Scholar, and finally check Maps for a project update.

✓ INSTEAD

Ask your agent to consolidate the information. Prompt it: 'What are the latest news items on X, and what academic papers back up the claims?' The MCP handles `search_news` and `search_scholar` simultaneously.

Missing specialized searches

✗ AVOID

Only running a basic Google search for a product idea, missing out on patents or shopping trends.

✓ INSTEAD

Always check the MCP's full list of tools. For products, run `search_shopping` alongside `search_google`. For ideas, combine `search_patents` with general searches.

The Right Fit

Use this if your job requires synthesizing diverse, real-time context from the public web. If you are building a knowledge base that needs to be grounded in current events, local data, or intellectual property status, this MCP is essential. You need it when the answer isn't just 'a link,' but a structured summary pulling from news feeds (`search_news`), academic databases (`search_scholar`), and physical location data (`search_places`).

Don't use it if you only need to retrieve one single, static piece of information that doesn't change (e.g., the definition of an acronym). For those simple lookups, a basic dictionary lookup or a specialized knowledge base tool is better. If all you need is general web context without needing images, news, or local data, `search_google` works, but using the full suite gives you depth that one tool can't match.

The Context Vacuum: When Web Data Is a Mess

Right now, gathering comprehensive web data means opening tabs for news articles, switching to Maps to check locations, going to Google Scholar for research, and then manually cross-referencing all the snippets. You spend more time managing browser windows than analyzing the actual information.

With this MCP, you ask your agent once: 'Tell me everything I need to know about X.' The system executes multiple searches—from `search_news` headlines to local business data (`search_places`) —and returns one clean, compiled report. You get actionable intelligence, not a tab overload.

Serper MCP Gives You Structured Web Data

The most significant loss of time is the copy-pasting process. Instead of copying an address from one page and then searching for its details on a map, you simply ask your agent to use `search_places` for that location's full data set.

You stop doing research; you start making decisions. This MCP transforms raw web links into organized, usable context right where you work.

Serper Alternative: 10 Tools for Web Data Retrieval

These tools let you break down complex web research into specific actions, allowing your agent to gather everything from academic papers to local business addresses.

#	TOOL	DESCRIPTION
01	`get_autocomplete`	Gets suggested search terms from Google autocomplete suggestions to refine your query before searching.
02	`search_google`	Performs a general Google search and returns organic results for any given topic.
03	`search_images`	Conducts a dedicated search on Google to retrieve relevant images based on your query.
04	`search_maps`	Searches for specific physical locations using Google Maps data, ideal for mapping out business areas.
05	`search_news`	Gathers real-time news headlines and summaries from Google News results.
06	`search_places`	Finds information about local businesses and points of interest in a specified geographic area.
07	`search_scholar`	Queries Google Scholar to pull academic research papers and scholarly abstracts.
08	`search_patents`	Searches the patent database on Google, helping track intellectual property filings.
09	`search_shopping`	Retrieves search results focused on consumer goods and shopping opportunities from Google.
10	`search_videos`	Searches for video content on YouTube or other platforms via Google, useful for trend analysis.

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 MCP servers 2024'.

I've retrieved the organic search results. Top matches include articles from Vinkius and GitHub. Would you like the snippets and links for the top 5 results?

U What is the latest news about 'SpaceX Starship'?

I've scanned Google News. There are 3 recent reports about the latest launch attempt and upcoming mission milestones. Would you like the full headlines and sources?

U Find pizza restaurants in 'Seattle, WA'.

I've found 5 top-rated pizza places in Seattle. Notable results include 'Serious Pie' and 'Delancey'. I can provide the addresses and average ratings for each.

Frequently Asked Questions

01 **Does Serper MCP only provide general Google search results?**

No. It provides specialized searches across multiple types of data. You can use tools like `search_news` for real-time headlines or `search_scholar` to pull academic papers, not just basic web links.

02 **How do I search for local businesses using Serper MCP?**

You run the `search_places` tool. This queries Google Maps and returns structured data about addresses, ratings, and details for specific areas or venues.

03 **Can I check patents with this MCP?**

Yes. The `search_patents` tool is dedicated to querying the patent database on Google, allowing you to track intellectual property filings systematically.

04 **Is Serper MCP better than just using my AI client's built-in search?**

Yes. This MCP exposes specific tools for different data types (e.g., `search_scholar`, `search_places`). It gives your agent a dedicated, structured way to query these diverse sources that general chat prompts cannot replicate.

05 **What if I need visual content? Does Serper MCP handle it?**

Absolutely. You can use the `search_images` and `search_videos` tools to pull relevant visuals directly into your workflow, helping you gauge current visual trends.

06 **How do I find my Serper API Key?**

Log in to your [**Serper.dev dashboard**](https://serper.dev/dashboard), and you will find your API Key on the main page. Copy and paste it below.

07 **Can the agent search for images and news separately?**

Yes. This server includes specialized tools for Google Images (`search_images`) and Google News (`search_news`), allowing your agent to query specific verticals based on your needs.

08 **Is it possible to retrieve local business details via the agent?**

Yes. The `search_places` tool allows your agent to query Google Places for business information, including addresses and ratings, ensuring your local research is accurate.

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 `"serper-alternative": { "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

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 →

vinkius.com · support@vinkius.com

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