MCP SERVER | NO CODE | CLOUD HOSTED

Scale SERP MCP

Access live web data from any prompt.

Scale SERP MCP equips your AI client with real-time access to Google Search data. It handles complex scraping tasks, allowing you to run structured queries for organic results, news articles, shopping prices, and scholarly papers effortlessly. Your agent gets live web data without needing complicated coding or worrying about anti-bot blocks.

A+ Quality Score 100/100

search-api | google-search | real-time-data | seo-data | data-parsing | web-crawling

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vinkius.com/mcp/scale-serp

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.

Scale SERP MCP

10 tools available
Cloud-hosted on Vinkius

This MCP connects your AI client directly to the full breadth of Google Search. You can ask your agent to pull real-time data across text results, images, videos, news feeds, and more. Forget manual searching; you just define what you need—like competitor pricing or academic citations—and your agent executes it. This system takes care of IP rotation and CAPTCHAs, so all you do is request structured information. You can analyze local businesses using the Google Places tool, track trends with predictive auto-complete lookups, or gather scholarly articles via Google Scholar. Because Vinkius hosts this MCP in its catalog, your agent gets access to all these specialized search capabilities from one place, making it a central data hub for any complex research project.

Core Capabilities

01 — Analyze standard web searches

Execute custom queries across Google's main search results, specifying location and keywords.

02 — Gather local business details

Retrieve structured data, including ratings and addresses, for specific physical locations using Google Places.

03 — Extract academic research papers

Run searches specifically targeting scholarly journals and academic publications via Google Scholar.

04 — Track product pricing and availability

Search for products across Google Shopping to collect real-time price points from multiple sellers.

05 — Identify content gaps and trends

Use the google_related_questions tool to pull 'People Also Ask' clusters, showing potential new topics for content.

One Click on Vinkius — From Prompt to Execution

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

01 Connect your AI client to this MCP and provide your Scale SERP API Key.

02 Ask your agent to use a specific tool, like google_organic or google_shopping, defining the exact search query and any required geographic location.

03 The MCP runs the complex scraping logic in the background, returning clean, structured data directly to your AI client for immediate analysis.

The bottom line is you get live, structured web data from Google sources without writing a single scraper or managing IPs yourself.

Built For

This MCP is for professional analysts and researchers who need deep, real-time market intelligence. If your job involves tracking competitors, validating content ideas, or gathering academic proof points, you're in the right place.

SEO Specialist

Uses google_related_questions and google_autocomplete to map out new keyword clusters and analyze competitor search patterns.

Market Researcher

Commands the agent to run multiple searches, comparing pricing data from google_shopping or gathering local intelligence using google_places for market sizing.

Content Strategist

Runs google_news and google_scholar queries to prove topical authority and find citation gaps for new content pieces.

What Changes When You Connect

01 Instead of copy-pasting dozens of search results, your agent handles the complexity. It manages IP rotation and CAPTCHAs so you just get clean JSON output for immediate use in your workflow.

02 Need to validate a content idea? Use google_related_questions to automatically pull out 'People Also Ask' clusters, showing exactly what user questions follow your main topic.

03 Comparing product prices across different markets is tough. The google_shopping tool lets you run bulk queries and collect pricing data for immediate competitive analysis.

04 Academic research requires specialized tools. Forget manual database searches; use google_scholar to pull citation summaries and analyze scholarly papers automatically.

05 The best way to track a local market? Use google_places. You can find rating averages, addresses, and contact info for businesses near Times Square or anywhere else.

06 Want to know what people are searching next? The google_autocomplete tool gives you the top predictive phrases before your audience even types them.

Real-World Applications

Launching a local service area website

A marketing manager wants to verify if there's demand for dog groomers in three different neighborhoods. They ask their agent to use google_places on each location, gathering ratings and addresses so they can build out targeted landing pages.

Competitive SEO audit

An SEO expert needs to see what topics are related to 'AI ethics' but aren't being covered. They run a google_related_questions query and then use the results to inform content gaps, while also checking google_autocomplete for emerging keywords.

Academic Literature Review

A PhD student needs background on 'quantum computing in medicine.' They instruct their agent to run a google_scholar search and then use the tool's output to synthesize summaries of the top five most cited papers automatically.

Real-time e-commerce price monitoring

A web scraper needs to track if major electronics retailers are dropping prices on a specific TV model. They use google_shopping in a loop, checking multiple queries over an hour and compiling all the resulting price changes into one report.

Patterns to Avoid

Trying to scrape everything manually

✗ AVOID

Writing complex code that tries to handle rate limiting, IP bans, CAPTCHAs, and different search result formats (news vs. shopping) using only basic web scraping libraries.

✓ INSTEAD

Use this MCP's dedicated tools. For instance, instead of a general scrape, use google_shopping for product data or google_organic when you need standard text results.

Only searching the first page

✗ AVOID

Assuming that just looking at the top 10 organic search results gives you all the related questions or potential topics, leading to incomplete market insight.

✓ INSTEAD

Use google_related_questions. This tool specifically pulls out the 'People Also Ask' box data, giving you a structured list of user intent gaps.

Forgetting about specific content types

✗ AVOID

Asking for general search results when you actually need academic citations or local business info. This mixes up unstructured web text with highly specific data sets.

✓ INSTEAD

Target the correct tool: use google_scholar for research papers, and use google_places for physical store details.

The Right Fit

Use this MCP if your workflow requires structured, real-time information directly from Google's specific verticals (shopping, scholarly articles, local listings). You need the *data* that lives behind the search engine results page. Don't use it if you simply want to know general web sentiment or if your data comes from a single, predictable source like an internal database; for those cases, a

standard API connection is better.

Don't try to use this MCP just because it can run *any* search query. If your goal is purely text generation based on generalized knowledge, your agent can handle that without the complexity of web scraping. But if you need to know what people are talking about right now, or what a competitor listed yesterday afternoon costs, then you absolutely must use this MCP and its specialized tools like google_shopping and google_places.

Tracking market trends used to be a painful manual process.

Every time you needed to validate an idea or track a competitor, you had to open Google in a new tab. You'd manually run searches for the same query across news, shopping results, and general web pages—then copy-paste everything into a spreadsheet just to start comparing prices or finding gaps.

Now, your agent handles that entire sequence. By connecting this MCP through Vinkius, you can simply prompt it to gather data from multiple sources at once. You get organized JSON containing news articles, shopping links, and organic snippets, all ready for immediate analysis.

Scale SERP Gives You Structured Data From Google's Entire Ecosystem

You no longer have to toggle between tabs or switch your scraping scripts to get different data types. Instead of running one script for 'organic search' and another specialized one for 'local businesses,' you use the google_places tool, giving clean records directly.

The difference is control and breadth. You move from manually compiling disparate scraps of information into a single, actionable intelligence report.

Scale SERP: 10 Tools for Search Data Operations

These tools allow your AI client to perform specific, complex operations across the entire Google search spectrum, giving you structured data on demand.

#	TOOL	DESCRIPTION
01	`custom_search`	Performs a highly tailored Google search using specific parameters.
02	`google_autocomplete`	Retrieves suggested phrases that users commonly type into Google searches.
03	`google_images`	Searches for and retrieves image results from across the web via Google Images.
04	`google_news`	Gathers current articles and headlines specifically from Google News.
05	`google_organic`	Performs a standard, full-text search across the general web, allowing you to specify a query and location.
06	`google_places`	Searches for physical locations and local businesses, providing contact details and ratings from Google Maps.
07	`google_related_questions`	Pulls the 'People Also Ask' section of a search result to reveal related user questions.
08	`google_scholar`	Executes dedicated searches for peer-reviewed academic journals and research papers.
09	`google_shopping`	Searches product listings across Google Shopping, ideal for tracking price changes and availability.
10	`google_videos`	Performs a search focused exclusively on video content available through Google.

See It in Action

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

U Run a Google Scholar search for 'machine learning in agriculture' and summarize the top 3 papers.

I've fetched the top results from Google Scholar. Here are the summaries of the top 3 highly cited papers from the last 5 years:
1) 'Deep Learning for Crop Yield Prediction' - explores neural networks analyzing satellite images.
2) 'Smart Agriculture Frameworks' - discusses IoT sensors combined with ML.
3) 'Pest Detection models' - focuses on computer vision models to identify crop diseases.

U Find restaurants near Times Square via Google Places.

I retrieved 5 top-rated restaurants near Times Square from Google Places: Carmine's Italian (4.5 stars, 12K reviews), Junior's Restaurant (4.4 stars), Joe's Pizza (4.6 stars), Le Bernardin (4.9 stars) and The View Restaurant (4.2 stars). Should I lookup their addresses?

U Search Google for 'best CRM tools'.

I performed an organic Google Search. The current top ranking pages are: 1. Salesforce's 'What is CRM' portal. 2. HubSpot's Complete Guide for 2024. 3. Forbes Advisor 'Best CRM Software of The Year'. Would you like me to fetch the SEO titles or visit any of the URLs?

Frequently Asked Questions

01 **How does Scale SERP MCP handle anti-bot measures?**

This MCP manages the complicated technical issues like IP rotation and CAPTCHA solving. You just ask for the data; it handles the heavy lifting required to access Google's results.

02 **Can Scale SERP MCP track competitor pricing?**

Yes, you use google_shopping. It searches product listings across Google Shopping, giving you structured price and availability data for competitive analysis.

03 **Is the general organic search limited by location?**

No, the google_organic tool allows you to specify both a query and an optional geographic location, ensuring your results are hyper-localized when needed.

04 **How can I find related questions using Scale SERP MCP?**

You use the google_related_questions tool. It pulls out the 'People Also Ask' box data from any search result, giving you immediate content ideas for gaps in your topic.

05 **Does Scale SERP MCP work with academic research?**

Absolutely. The google_scholar tool is dedicated to searching and retrieving information specifically from peer-reviewed scholarly journals and academic papers.

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 `"scale-serp": { "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

Scale SERP 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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