MCP SERVER | NO CODE | CLOUD HOSTED

Oxylabs SERP MCP

Structure Global Search Data for Your Agent

Oxylabs SERP gives your AI agent direct access to structured search engine data from every major global source. Scrape and parse results—including Google Shopping listings, Bing rankings, Yandex SEO insights, and YouTube video details—without worrying about CAPTCHAs or proxy limits. It turns complex, multi-source market research into a simple prompt.

A+ Quality Score 100/100

serp-scraping | keyword-tracking | search-engine-data | market-research | structured-data

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vinkius.com/mcp/oxylabs-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.

Oxylabs SERP MCP

10 tools available
Cloud-hosted on Vinkius

This MCP connects your AI agent directly to the structured data feeds of the world's leading search engines. You no longer have to open ten different browser tabs and copy-paste results manually. Instead, you tell your agent what kind of data you need—say, product pricing or video views across multiple regions—and it handles the heavy lifting.

It pulls clean, structured information from Google Search (organic listings, images, news), Bing, Yandex, Baidu, and YouTube. This means whether you're tracking competitor rankings worldwide or analyzing academic research trends, your agent gets a unified data payload. You can run this MCP through any compatible client like Claude or Cursor; it all connects via Vinkius, the #1 catalog of external services.

This lets SEO teams monitor keyword performance across dozens of global domains in minutes. Market researchers use it to check hotel rates on Google Travel or analyze product listings from Google Shopping. The result is clean JSON data ready for analysis, saving hours of manual scraping and ensuring you always have structured, reliable search intelligence.

Core Capabilities

01 — Track global keyword rankings

Identify organic search results and rich snippets across multiple international engines like Google, Bing, and Yandex.

02 — Gather e-commerce product data

Extract structured details on products, including pricing and availability from platforms like Google Shopping.

03 — Analyze video search trends

Pull rankings, channel names, view counts, and metadata specifically from YouTube searches.

04 — Monitor news and academic sources

Retrieve structured data from Google News or detailed research papers using Google Scholar.

One Click on Vinkius — From Prompt to Execution

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

01 First, connect your AI agent to the MCP by providing your Oxylabs Username and Password.

02 Next, prompt your agent with a specific request, such as 'Find the top 5 results for X on Google Shopping' or 'List the video rankings for Y on YouTube'.

03 The MCP executes the search through the correct tool, returning structured JSON data containing all the requested titles, links, and metadata.

The bottom line is you get machine-readable data from complex web pages without ever writing a scraper script.

Built For

This MCP is for anyone whose job depends on knowing what people are searching for, and where. If your workflow involves monitoring competitors or tracking global trends across multiple search engines, this is essential.

SEO Manager

Uses the MCP to check keyword performance against rivals globally by calling tools like `google_search` and `yandex_search` simultaneously.

Market Research Analyst

Runs structured data checks on pricing, hotel rates (using `google_shopping_search` or `google_travel_search`), and competitor product listings across different countries.

Content Strategist

Analyzes video content performance by running searches through the `youtube_search` tool to see what kinds of videos are trending for a topic.

What Changes When You Connect

01 Go beyond simple keyword checks. Use `google_shopping_search` to automatically monitor competitor pricing and product availability across multiple listings.

02 Save time by running multi-regional analyses. Check the same topic against Google, Bing, and Yandex simultaneously using their respective tools for a full global view.

03 Analyze content performance instantly. Run searches through `youtube_search` to gather video views, top channels, and metadata without manual effort.

04 Deepen your research scope. Combine academic findings from `google_scholar_search` with market data from `google_news_search` into one workflow.

05 Avoid the pain of CAPTCHAs or rate limits. This MCP handles proxy rotation and structured parsing, letting your agent do the dirty work 24/7.

Real-World Applications

Checking global competitor pricing

A market analyst needs to know if a rival's flagship product is cheaper in Brazil or Germany. They ask their agent to run `google_shopping_search` for the product on both local domains, getting structured data points like price and seller name instantly.

Tracking brand news coverage

A PR team needs a daily digest of how their brand is being covered. They prompt their agent to execute `google_news_search` for the last 24 hours, receiving structured data that includes article titles and source domains.

Assessing video content gaps

A digital marketing team wants to see what educational videos are popular in a niche. They run `youtube_search` for 'advanced AI tutorials' and analyze the top results, identifying missing topics or underserved keywords.

Monitoring competitor hotel rates

A travel agency needs real-time pricing data for a key destination. They use `google_travel_search` to check multiple hotels in one query, getting structured JSON with nightly rates and star ratings.

Patterns to Avoid

Manually checking results

✗ AVOID

Opening Google, then Bing, then Yandex in separate tabs. Copying the top 3 links from each into a spreadsheet.

✓ INSTEAD

Ask your agent to run `google_search`, followed by `bing_search` and `yandex_search`. The MCP compiles all three sets of structured results into one clean payload.

Using only organic search

✗ AVOID

Only running a general Google search and missing out on commercial intent data like product pricing or hotel rates.

✓ INSTEAD

Expand your query. If you need commerce data, use `google_shopping_search`. If you're tracking lodging, call the `google_travel_search` tool.

Ignoring regional variations

✗ AVOID

Assuming a keyword rank in the US applies to China or Russia. Getting inaccurate data because of geography.

✓ INSTEAD

Use specialized tools like `baidu_search` for China and `yandex_search` for Russian analysis to ensure accurate, regionally specific results.

The Right Fit

Use this MCP if your primary need is structured data extraction from the search engine results page (SERP) itself. You want machine-readable JSON containing titles, links, and metadata across multiple global sources like `google_search`, `bing_search`, or `youtube_search`. It's built for scale, not casual browsing.

Don't use this if you just need to write a blog post or summarize general web knowledge. If your goal is conversational writing or conceptual brainstorming, a standard LLM chat window will handle it better. Also, don't use this if you only care about the content of a single website; if you need deep site navigation or form filling, look into dedicated web crawling tools instead.

The Problem with Global SEO Research

Today, checking global keyword performance means opening Google in one window, Bing in another, and then hopping over to a specialized tool for Yandex. You copy the top links from each site into separate spreadsheets, spending hours just aggregating raw data before you even start analyzing it.

With this MCP, your agent runs those searches across all major engines simultaneously. It doesn't just give you links; it gives you structured JSON containing everything: the title, snippet text, and URL for every result you need. You get actionable intelligence in minutes.

Structured Search Data Extraction with Oxylabs SERP

Manual scraping involves dealing with JavaScript rendering issues, rotating proxies, and the constant risk of hitting a CAPTCHA wall. You're always playing catch-up with search engine anti-bot measures.

This MCP bypasses those headaches entirely. It delivers clean, reliable data payloads every time you run `google_search` or `baidu_search`. The result is stable, consistent input for your AI workflow.

Oxylabs SERP: 10 Search Data Tools

Use these tools to extract structured search engine results and data points across every major global platform.

#	TOOL	DESCRIPTION
01	baidu_search	Performs structured search data extraction from Baidu, China's leading search engine.
02	bing_search	Retrieves automated validation checks and structured results from Microsoft Bing Search.
03	google_search	Identifies core data records and organic search snippets directly from the Google platform.
04	google_images_search	Extracts structured metadata about images found during a Google Image search.
05	google_news_search	Generates JSON payloads containing news articles and headlines from global sources via Google News.
06	google_scholar_search	Pulls academic search results, publication details, and research paper information from Google Scholar.
07	google_shopping_search	Retrieves structured product listings, including pricing and availability, from Google Shopping.
08	google_travel_search	Lists structured rules containing hotel rates and details found on Google Travel.
09	yandex_search	Performs comprehensive search result data extraction specifically for the Yandex engine.
10	youtube_search	Identifies video rankings, channel details, and view counts from YouTube searches.

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 enterprise LLMs' and summarize the top organic results.

Found the top organic results for 'best enterprise LLMs'. 1: Gartner's Magic Quadrant noting OpenAI, Anthropic, and Cohere. 2: Forbes review of private vector RAG implementations. 3: IBM's Granite LLM documentation highlighting data governance. Want me to dive deeper into any of these articles?

U Check Google Travel for hotels in Tokyo next weekend.

Queried google_travel_search for 'hotels in Tokyo'. Returned highly rated results including The Ritz-Carlton Tokyo ($890/night), Shinjuku Washington Hotel ($120/night), and Hotel Gracery Shinjuku ($150/night). Would you like me to filter by rating or specific amenities?

U Search YouTube for 'Next.js 15 tutorials'.

I've pulled the youtube_search results. Top videos are: 1. 'Next.js 15 Crash Course' by Traversy Media (500K views, uploaded 1 mo ago). 2. 'What's new in Next 15?' by Vercel (1.2M views). 3. 'Next.js App Router Masterclass' by Lee Robinson. Want the direct links to these videos?

Frequently Asked Questions

01 **How does Oxylabs SERP handle multiple countries?**

It handles global domains by providing dedicated tools. You can use `google_search` for standard Google data, or specialized tools like `baidu_search` and `yandex_search` to target specific regional search engines.

02 **Can I scrape product listings with Oxylabs SERP?**

Yes. Use the `google_shopping_search` tool to retrieve structured data on products, including pricing and seller details from Google Shopping.

03 **Is Oxylabs SERP useful for video content analysis?**

Absolutely. The dedicated `youtube_search` tool lets you pull key metadata—like view counts, channel names, and top titles—from YouTube search results automatically.

04 **Does this MCP just provide links, or is the data structured?**

It provides highly structured JSON payloads. You get parsed snippets, not raw HTML. This makes the data immediately usable by your agent for analysis.

05 **Which tool should I use to check hotel prices?**

Use the `google_travel_search` tool. It is specifically designed to enumerate and export structured rules containing active billing and hotel details from Google Travel.

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 `"oxylabs-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

Oxylabs 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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