

MCP SERVER

NO CODE

CLOUD HOSTED

AddSearch MCP for AI Agents

Query Site Content and Manage Search Index Data

AddSearch gives your AI agent direct access to your site's search index. You can run deep queries using natural language, manage documents by listing or adding content via JSON, and retrieve live search performance analytics immediately. It lets you audit site search relevance without needing complex dashboards.

A+ Quality Score 100/100

site-search

nlp-search

search-analytics

api-indexing

content-discovery

search-ranking



The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

AddSearch MCP

10 tools available

Cloud-hosted on Vinkius

This MCP connects your search index directly into your AI workflow, turning what used to be a complicated backend database into something usable through chat. Instead of jumping between multiple tabs or running specific scripts, you just ask your agent questions about your site's performance or content structure. For instance, you can ask which product categories are generating the most zero-result queries—a massive time saver for any content team. It also lets developers debug the index by manually adding a fixed document or checking metadata on a single URL. This kind of deep, structured access to search data is what makes Vinkius such a valuable hub; you connect once and instantly gain these powerful capabilities across all your AI tools.

Core Capabilities

01 — Search Indexed Content by Query

You can query your entire site content using plain English, or narrow the search down using specific field filters like a category name.

03 — Manage Indexed Documents

List every document in your index or permanently delete outdated pages using simple commands.

05 — Test Search User Experience

Simulate how a real user interacts with your site's search bar, testing auto-suggestions and pagination links.

02 — Analyze Search Failure Points

Retrieve statistics that show which user searches failed to find results, helping you prioritize new content creation.

04 — Push Content Updates

Add new articles or update existing documents directly to the search index using a JSON structure.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to the AddSearch MCP and enter your Site Key into your agent environment.
- 02 If needed, input your optional Secret Key for advanced operations like deleting or adding documents.
- 03 Your AI client uses these tools to execute complex search queries and retrieve structured site analytics on demand.

The bottom line is you tell your AI agent what data point about the index you need, and it fetches it instantly without you touching any dashboards.

Built For

This MCP is crucial for anyone whose job involves content quality or site performance. It's for the SEO specialist who needs to know why certain keywords fail, the developer debugging index issues, and the e-commerce manager verifying product relevance in real time.

Content Manager

They ask their agent for the top zero-result queries from last week. This helps them build a content calendar focused on addressing documented gaps.

Developer / Web Engineer

When debugging, they check a specific URL's metadata or push a JSON document fix directly through the agent to correct the search index instantly.

E-Commerce Specialist

They query for products using multiple filters (e.g., 'red shoes' AND 'size 10') and verify if the system correctly ranks inventory based on relevance.

What Changes When You Connect

- 01 Stop guessing about site performance. By using stats_queries, you instantly find out what searches are failing to return results, letting your agent guide content creation where it matters most.

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- 02 Debugging is faster. Instead of going into the backend, you can use `index_document` or `delete_document` to fix metadata or remove outdated pages directly through chat when necessary.

 - 03 Deep filtering lets you drill down past basic searches. The `search_filtered` tool means you can ask for 'all shoes in the men's section from brand X,' getting surgical precision every time.

 - 04 Understand user behavior with clicks. By retrieving click-through analytics via `stats_clicks`, your agent shows you which results are actually valuable to users, not just what exists in the index.

 - 05 Testing is built in. Use the `search_pagination` tool to test how deep your site's content goes and verify that auto-suggestions work properly for any given prefix.
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Real-World Applications

Identifying Content Gaps from Failed Searches

A Content Manager needs to know why users are searching for 'remote coding jobs' but getting zero results. They ask their agent, which uses `stats_queries`, and immediately get a list of the top 10 failed queries, giving them an actionable content backlog.

Cleaning Up Outdated Site Content

A Developer needs to remove a deprecated product line from the index immediately. They instruct their agent to use `delete_document` with the specific URL ID, ensuring the content is gone instantly across all search results.

Debugging Product Relevance in E-commerce

An E-Commerce Specialist runs a test query: 'leather boots' filtered by `category=seasonal`. The agent uses `search_filtered` to verify if the ranking correctly shows only the current inventory, confirming relevance before launch.

Validating Search Bar Functionality

A UX designer tests the site's front end by asking the agent to run `autosuggest` for 'sustainable fabric'. The agent returns the top suggestions, letting the designer confirm if the index is capturing niche terms correctly.

Patterns to Avoid

Thinking basic search keywords are enough

X AVOID

The user just asks the AI, 'Show me shoes.' The result is too broad, mixing unrelated items and giving no context on relevance.

✓ INSTEAD

Instead, use the search_filtered tool. Ask your agent to 'Search indexed content for brand=nike AND category=shoes,' which gives a precise, actionable list of relevant results.

Ignoring index maintenance

X AVOID

The team launches new product pages but forgets to update the search engine. The AI queries show old, inaccurate data.

✓ INSTEAD

Use the index_document tool. Ask your agent to 'Add or update the document for URL X,' ensuring new content is indexed and available immediately.

Mistaking analytics for action

X AVOID

Seeing a low click-through rate (CTR) on an old result and thinking nothing needs to change.

✓ INSTEAD

Use stats_clicks alongside search_filtered. Ask your agent to 'Compare the CTR of Category A vs. Category B,' allowing you to make data-driven decisions about content placement.

The Right Fit

Use this MCP if your primary need is understanding *why* people aren't finding what they search for, or if you need to programmatically manage the actual contents of your index. You must be focused on SEO performance and document lifecycle management.

Don't use it if all you want is a simple Q&A based on static text (use a general knowledge base MCP). Also, don't rely solely on basic search_keyword; if you need to narrow results by attribute, always force the agent to use search_filtered. If your goal is just content creation and not auditing, look at dedicated CMS integrations instead.

AddSearch MCP for AI Agents: Auditing Site Search Performance

Manually checking site search performance means opening the admin dashboard, navigating to the analytics tab, running multiple reports on zero-result queries, then manually cross-referencing those failures with your content map. It's a multi-tab, copy-paste nightmare that takes hours.

With AddSearch MCP, you simply ask your agent: 'What were our top five failed searches this week?' The system runs the necessary query and returns a clean, structured list of gaps—the exact data points needed to start writing new content.

AddSearch MCP for AI Agents: Managing Content Indexing

When a developer updates a product page or an editor moves a file, the old process required manually triggering a re-index job and waiting hours. If that wait was too long, search results were inaccurate.

Now, you tell your agent to execute `index_document` via chat. It handles the update instantly. You get immediate confirmation that the new content is live in the search results, making deployment seamless.

10 Tools for Advanced Content Indexing and Search Analysis

Use these tools to run targeted searches, manage document lifecycles, and pull deep analytics from your site's content index.

#	TOOL	DESCRIPTION
01	<code>delete_document</code>	Permanently removes a specified document from your site index. Requires the secret key.
02	<code>search_filtered</code>	Searches indexed content by applying custom field filters, such as looking only for 'category=shoes' or 'brand=nike'.
03	<code>index_document</code>	Adds a brand-new document to your site index or updates an existing one. Requires the secret key.
04	<code>list_documents</code>	Lists all documents currently indexed on your site. Requires the secret key.
05	<code>search_pagination</code>	Retrieves a specific page number of search results for deep content review.
06	<code>search_keyword</code>	Performs a basic keyword search across your entire indexed site content.
07	<code>search_sorted</code>	Searches and ranks indexed content using custom sorting criteria, allowing for targeted result sets.
08	<code>stats_clicks</code>	Retrieves detailed analytics on how many times search results were clicked by users. Requires the secret key.
09	<code>stats_queries</code>	Gathers comprehensive data on all user searches performed, helping identify popular and forgotten topics. Requires the secret key.
10	<code>autosuggest</code>	Generates a list of autocomplete suggestions based on common prefixes typed into your search bar.

See It in Action

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

U Show me all product pages for 'hiking boots' that are currently marked as discontinued.



Search Results: Discontinued Items

PRODUCT ID	NAME	LAST INDEXED DATE	STATUS
P1045	Trail Blazer Elite	2023-01-15	Archived
P987	Summit Grip GTX	2023-04-01	Discontinued

Recommendation: These pages should be redirected to our 'Best Sellers' category.

U What are the most common search terms that users type in but find nothing?



Top Zero-Result Queries (Last 7 Days)

The data shows a clear pattern of missed opportunities:

- 'corporate retreat planning': 45 searches
- 'advanced Python class': 28 searches
- 'gluten free wedding cakes': 19 searches

Focusing new content on these topics will likely boost engagement.

U Test the auto-suggest for 'marketing strategy'.



✦ Auto-Suggest Suggestions Found:

The search bar is ready to guide users with these completions:

- marketing strategy checklist
- B2B marketing automation
- digital marketing trends 2026

This confirms the index successfully captured all related terms for immediate suggestion.

Frequently Asked Questions

01 How do I find out what content pages on my site are getting zero search results?

You can use the AddSearch MCP to retrieve detailed analytics showing exactly which user queries failed. This is perfect for identifying critical content gaps that need to be written or improved immediately.

02 Can I update product information in my site's search index using this tool?

Yes, you can use the AddSearch MCP's document management tools. By sending a new JSON payload, your agent updates an existing page or adds a brand-new one instantly to the live search index.

03 Is AddSearch better than just looking at Google Analytics?

Yes. While GA shows traffic flow, this MCP gives you direct access to the internal metadata and structured results of your site's own search engine, letting you debug relevance issues others can't see.

04 What if I need to check a specific category or product line?

You use the AddSearch MCP's filtered search tools. You tell your agent exactly what criteria to apply—like 'category=electronics and brand=apple'—to get highly targeted results.

05 How do I check if my auto-suggestions are working correctly?







You run a test using the AddSearch MCP. It simulates typing into your search bar, returning all possible autocomplete suggestions based on the current index data so you can verify functionality.

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>"addsearch": { "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

AddSearch 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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