

MCP SERVER

NO CODE

CLOUD HOSTED

# Siteimprove MCP

## Audit Site Health Across All Domains in Chat

Siteimprove pulls your entire website health report—SEO, accessibility, content QA, and broken links—into your chat agent. Stop jumping between tabs or digging through dashboards. Simply ask your AI client for a Digital Certainty Index score, a list of all A11y violations, or every broken link across your monitored domains.

**A+** Quality Score 100/100

seo

accessibility-testing

website-monitoring

broken-link-checker

digital-governance



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Siteimprove MCP

9 tools available

Cloud-hosted on Vinkius

This MCP lets you connect your Siteimprove account directly to any compatible agent. Instead of logging into the separate Siteimprove dashboard and manually cross-referencing reports, you just ask your AI client for what you need. You can pull a high-level overview—the Digital Certainty Index score—and instantly see how your SEO or accessibility compliance has shifted. Need actionable fixes? Ask it to list specific technical barriers that are causing drops in accessibility scores, or retrieve the full report of all broken links across multiple domains. It turns raw analytics into clear, conversational insights right where you're working. This capability is hosted on Vinkius, making Siteimprove data available alongside your other tools. You never have to leave your chat window again just because a critical site audit needs running.

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## Core Capabilities

### 01 — Audit overall site health

Get the Digital Certainty Index (DCI) score, providing one number that summarizes a site's general quality across SEO, accessibility, and QA.

### 03 — Check content quality status

Retrieve the Quality Assurance (QA) overview, identifying misspellings, readability problems, and other content errors across all crawled pages.

### 05 — Map monitored websites

List all domains you have set up with Siteimprove for monitoring, allowing you to select which one needs auditing next.

### 02 — Identify technical barriers

List specific accessibility issues—like missing alt tags or failing color contrasts—that violate compliance standards on a given page.

### 04 — Assess search ranking issues

Get a technical SEO summary that points out specific errors impacting how easily your site is found by search engines.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/siteimprove](https://vinkius.com/mcp/siteimprove) — connect your AI agent in three steps.

- 01** First, subscribe to this MCP and provide your Siteimprove login credentials and API key.
- 02** Next, talk to your AI agent by asking a direct question, such as 'What is the DCI score for my main domain?'
- 03** Finally, the agent retrieves the necessary data—be it accessibility issues or broken links—and presents the full report directly in your chat.

The bottom line is you get immediate access to complex site audits without ever logging into a dashboard.

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## Built For

Anyone who spends too much time jumping between multiple web analytics dashboards needs this. It's for the SEO Specialist staring down hundreds of tabs, the Web Accessibility Manager needing immediate developer tickets, or the Front-end Developer wanting to check link integrity while coding.

### Web Accessibility Manager

You need quick lists of specific accessibility violations for your development team. You ask the agent to pull all A11y issues so you can generate tickets in GitHub without leaving your main workflow.

### SEO Specialist

Your job is tracking ranking drops across multiple regional domains. You use this MCP to get a single prompt response that aggregates QA and SEO oversight for all sites simultaneously.

### Front-end Developer

You want to proactively check link integrity while working on a new page. Instead of running browser extensions, you ask the agent to pull broken links into your chat context so you can fix them immediately.

## What Changes When You Connect

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- 01 Instant DCI Reporting: Get the overall Digital Certainty Index score instantly. Instead of checking four different metric tabs, you ask for a single number that tells you if your site is healthy.

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  - 02 Targeted Accessibility Fixes: Don't sift through pages of compliance jargon. Use 'list\_accessibility\_issues' to get only the specific technical barriers (like missing alt tags) needed by developers.

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  - 03 Comprehensive Link Audits: The tool for finding broken links across a whole site. You can use 'list\_broken\_links' instead of running multiple crawler jobs, getting every bad URL in one list.

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  - 04 Single Source QA/SEO Oversight: Instead of logging into separate SEO and Content QA tools, you pull both summaries—the SEO oversight and the quality assurance summary—into your chat with one prompt.

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  - 05 Multi-Site Comparison: Use 'list\_sites' to map all your domains first. Then, compare DCI scores between sites without leaving your agent or running multiple reports.
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## Real-World Applications

### Quickly checking compliance after a major update

The Web Accessibility Manager needs to know if the new checkout flow is compliant. They ask their agent, 'What are the accessibility issues for the checkout pages?' The MCP uses 'list\_accessibility\_issues' to deliver a prioritized list of barriers instantly.

### Determining which site needs immediate attention

The SEO Specialist has five domains. They ask, 'What is the DCI score for all my monitored sites?' The MCP uses 'list\_sites' followed by multiple calls to 'get\_site\_summary', letting them immediately know that Domain C needs fixing.

### Performing a deep link audit before launch

The Front-end Developer is about to push code. They ask the agent, 'Give me all broken links for the staging environment.' The MCP runs 'list\_broken\_links', providing a definitive list of dead URLs they must fix.

### Cross-checking multiple performance metrics

The Marketing Director wants to know if their recent content changes helped SEO and QA. They ask for the DCI, which triggers calls to 'get\_seo\_summary' and 'get\_qa\_summary', giving a holistic report in one go.

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## Patterns to Avoid

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### Trying to manually compare reports

#### X AVOID

The user copies the DCI score from Siteimprove, opens Google Search Console for SEO data, and then navigates to a separate accessibility tool just to find out why their content QA dropped.

#### ✓ INSTEAD

Use this MCP. Instead of copying and pasting across three different services, ask your agent directly: 'Give me the DCI summary, including both the SEO oversight and the list of broken links.' This keeps all data in one conversational thread.

### Forgetting to narrow down the scope

#### X AVOID

The user asks, 'What's wrong with my site?' The agent returns an overwhelming dump of thousands of technical errors and violations.

#### ✓ INSTEAD

Always guide your prompt. First, use 'list\_sites' to confirm the correct domain ID. Then, specify exactly what you need: 'For Site X, list only the accessibility issues.' This keeps the output focused.

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#### X AVOID

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#### ✓ INSTEAD

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## 9 Tools Available

#	TOOL	DESCRIPTION
01	<code>list_sites</code>	Shows every website that Siteimprove is currently monitoring for quality issues.
02	<code>get_site_details</code>	Pulls basic information about a specific, monitored site.
03	<code>get_site_summary</code>	Retrieves the Digital Certainty Index (DCI) score, giving a quick view of the overall site health.
04	<code>list_crawled_pages</code>	Lists all individual pages that Siteimprove has analyzed for a selected site.
05	<code>get_accessibility_summary</code>	Provides an overview of the accessibility health status for a specific website.
06	<code>list_accessibility_issues</code>	Lists every detailed, technical accessibility problem found on a site that needs fixing.
07	<code>get_seo_summary</code>	Retrieves the overall SEO health status for a site, highlighting ranking concerns.
08	<code>get_qa_summary</code>	Provides an overview of Quality Assurance issues like misspellings and readability metrics.
09	<code>list_broken_links</code>	Lists every broken or dead link found on a specific site's crawled pages.

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# See It in Action

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

## U List all monitored sites in my Siteimprove account.



I found 3 monitored sites in your Siteimprove account:

1. Acme Corporation Data (ID: 1547844111) - <https://acme.org>
2. ACME France Store (ID: 1545698711) - <https://fr.acme.org>
3. Support Desk Portal (ID: 1698782331) - <https://support.acme.org>

For which site would you like to retrieve the DCI Summary or check broken links?

## U Get the latest accessibility issues for site 1547844111.



There are 4 high-priority accessibility issues on <https://acme.org> :

- Missing `alt` tags on 18 image elements (</blog/new-post>)
- Color contrast ratio fails WCAG 2.1 AA on the primary `#header`
- Empty heading elements detected on (</contact>)
- Multiple duplicate IDs found across login forms.

Should I group these by page?

## U What is the DCI Summary score for my main domain?



The overall DCI (Digital Certainty Index) score for your main site is **83.4**.

- QA Score: **91.0**
- SEO Score: **86.2**
- Accessibility Score: **73.0**

The most significant opportunity is improving your Accessibility compliance score. Should I pull the exact issues causing the low accessibility rating?

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# Frequently Asked Questions

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## 01 Can my AI automatically detect accessibility barriers on newly crawled pages?

Yes. Ask the agent to list the accessibility issues for a specific Site ID. It pulls from Siteimprove's latest crawls to pinpoint exact violations (e.g., missing alt text, ARIA label failures), so you can remediate them before the next audit cycle.

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## 02 How do I easily fix broken links without searching them all manually?

Ask your agent to 'list all broken links' on the site. Instead of manually parsing reports, your AI will list the exact origin page where the broken link exists, plus the broken destination URL. You can use this checklist to rapidly go through your CMS and fix them.

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## 03 Can my agent give me a quick health summary of my domain?

Absolutely. Request the 'Digital Certainty Index (DCI) summary' for your site. The agent instantly pulls your overall Quality Assurance score, SEO health, and Accessibility compliance rating, which is perfect for generating a quick weekly status report.







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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"siteimprove": { "url": "..."</code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# Siteimprove 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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