

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Agility CMS MCP for AI Agents

Query your headless CMS content and page layouts using natural language.

Agility CMS MCP lets you query and manage your headless CMS content using natural language. Skip the manual API calls and let your AI agent navigate sitemaps, fetch page layouts, and search content lists directly. It turns your content architecture into a conversational interface for faster development and content auditing.

A+ Quality Score 100/100

api-first

content-architecture

sitemap-management

digital-experience

content-delivery



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.

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.

Agility CMS MCP

10 tools available

Cloud-hosted on Vinkius

Agility CMS MCP lets you query and manage your headless CMS content using natural language. Instead of digging through complex API documentation or manually clicking through the Agility CMS dashboard to find a specific page layout, you can just ask your agent to do the heavy lifting. This gives your AI client a direct line to your content architecture. You can have it map out your entire site structure, find specific content blocks, or pull the exact media gallery for a new landing page without ever leaving your workspace. It makes managing a headless CMS feel like talking to a teammate who knows the system inside out. By connecting this through Vinkius, you get a reliable way to bridge the gap between your content data and your development workflow. It's about getting the right data at the right time so you can focus on building instead of hunting for IDs. You don't have to worry about keeping track of numeric IDs or navigating deep nested folders just to see how a page is structured. Your agent handles the navigation and returns the specific payloads you need to keep moving. It turns your content into a searchable resource that works for you, not the other way around.

Core Capabilities

01 — Map sitemap trees

Retrieve nested sitemap architectures to see how your channels are organized.

03 — Fetch page layouts

Get the exact UI modules and component mappings for any page ID.

05 — Retrieve media galleries

Get specific asset groups and imagery mappings for your pages.

02 — Search content lists

Find specific entries within your CMS references using keywords.

04 — Sync content updates

Pull incrementally updated pages and items to keep your data fresh.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/agility-cms — connect your AI agent in three steps.

- 01 Provide your Agility CMS GUID, Locale, and API Key to connect the MCP.
- 02 Grant your AI client permission to access your specific content references.
- 03 Ask your agent to fetch sitemaps, layouts, or content lists in plain English.

The bottom line is you get a conversational interface for your headless CMS data.

Built For

This is for the frontend dev tired of hunting for page IDs, the content manager auditing huge lists, and the SEO specialist mapping out site architecture.

Frontend Developer

Uses the MCP on Tuesday afternoons to pull page layouts so they know exactly which UI components to build for a new landing page.

Content Manager

Audits large content lists and searches for specific entries to ensure the CMS is populated correctly without manual filtering.

SEO Specialist

Analyzes the site router and sitemap architecture to identify content gaps and map out new URL structures.

What Changes When You Connect

- 01 Stop hunting for IDs: Use `get_single_item` to pull content payloads instantly without navigating the dashboard. This saves you from having to remember or copy-paste specific content IDs every time you need to verify a layout.

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- 02 Faster frontend builds: Use `get_page_layout` to see exact UI module mappings while you code. You can understand the structure of a page before you even start building the frontend components.
 - 03 Easier content audits: Use `search_content_reference` to find keywords across your entire content library. This makes it easy to find specific posts or products without manual filtering in the CMS.
 - 04 Efficient data syncing: Use `sync_incremental_pages` to keep your local data fresh without full re-downloads. This saves on API overhead and keeps your local environment accurate.
 - 05 Clearer site architecture: Use `get_site_tree` to see how your channels are organized in a nested structure. It gives you a clear picture of how your content is grouped.
 - 06 Rapid sitemap analysis: Use `get_site_flat_router` to get a full list of routes for navigation planning. This is a huge time saver for SEO audits and site mapping.
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Real-World Applications

Quick Layout Checks

A developer asks for the modules on the home page. The agent uses `get_page_layout` to show the Hero and Feature blocks. This helps them understand the structure before they start writing the frontend code.

SEO Mapping

An SEO lead asks for a list of all URLs. The agent uses `get_site_flat_router` to provide a full site map. This helps them identify content gaps and plan new URL structures.

Content Audits

A manager searches for 'summer' in the blog list. The agent uses `search_content_reference` to find all matching posts. This makes it much faster to verify that the correct content is live.

Local Data Sync

A developer needs to update their local cache of content. The agent uses `sync_incremental_items` to pull only the newest entries, keeping the local environment accurate without heavy API calls.

Patterns to Avoid

Trying to create content

✗ AVOID

Asking the agent to create a new blog post or update a product price.

✓ INSTEAD

Use this MCP to query and fetch existing data. It is designed for reading content and mapping structures, not for content creation or management.

Manual ID Hunting

✗ AVOID

Copying and pasting numeric IDs from the CMS dashboard into your code.

✓ INSTEAD

Use `search_content_reference` to find what you need by name or keyword. Let the agent find the ID for you so you don't have to.

Full Re-downloads

✗ AVOID

Fetching the entire sitemap every time you need to check one page.

✓ INSTEAD

Use `sync_incremental_pages` to only get what changed since your last sync. This keeps your data fresh while minimizing API traffic.

The Right Fit

Use this if you need to query Agility CMS content, fetch page layouts, or map out site structures using an AI agent. It is perfect for developers who need to see content blocks while coding or content managers who want to audit lists without manual filtering. Don't use it if you need to perform write operations like creating new pages or updating user permissions. This MCP is built for data retrieval and structural exploration, not for full administrative tasks. If you need to manage users or bulk delete content, you will need to use the standard CMS dashboard or a different administrative tool.

Agility CMS Content Management for Faster Web Development

You are currently jumping between your code editor and the Agility CMS dashboard. You are looking for a specific page ID, then copy-pasting it, then waiting for the API to return a payload just to see which modules are on that page. It is a constant context switch that breaks your flow.

With this MCP, you just ask your agent to show you the layout for a specific page. It pulls the modules, UI components, and structural definitions immediately. You stay in your editor and get the info you need in seconds.

Agility CMS Sitemap Analysis for SEO Strategy

Instead of manually scanning your CMS to see how many articles are in a list or what the site hierarchy looks like, you can query those details directly. No more manual counting or clicking through nested folders to see the tree structure.

You get a direct, conversational bridge to your content architecture. It turns your content into a searchable resource that works for you, not the other way around.

Agility CMS 10 Content Management Tools

Use these tools to fetch layouts, search content, map sitemaps, and sync data from your Agility CMS instance.

#	TOOL	DESCRIPTION
01	<code>get_page_layout</code>	Get the structural modules and UI components for a single page. Use this to see exactly how a page is built.
02	<code>get_site_flat_router</code>	Fetch a complete list of every route and page in your CMS. It is perfect for getting a high-level view of your site map.
03	<code>count_reference_items</code>	See the total number of items in a specific content list. This helps you quickly check the size of your data sets.
04	<code>get_media_gallery</code>	Pull a specific group of photos and media assets. Use it to grab all the imagery for a specific section.
05	<code>get_single_item</code>	Fetch the full content payload for one specific item using its ID. This is the fastest way to grab a single article or product.
06	<code>get_site_tree</code>	Get the nested sitemap architecture for a specific channel. It helps you understand how your content is organized hierarchically.
07	<code>list_content_items</code>	Pull a list of items from a specific CMS reference list. Use this to browse through your blog posts or products.
08	<code>search_content_reference</code>	Look for specific keywords inside a content reference list. This makes finding specific entries much faster than manual filtering.
09	<code>sync_incremental_items</code>	Get only the items that have changed since your last sync. It is the most efficient way to keep your local data fresh.
10	<code>sync_incremental_pages</code>	Fetch only the updated pages since your last sync token. Use this to keep your site router up to date without re-downloading everything.

See It in Action

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

U What modules are on the home page?



The home page (Page ID 1) uses the 'StandardTemplate' and contains the following 4 UI modules:

MODULE NAME	TYPE	DESCRIPTION
Hero Banner	Image	Main header section
Features Grid	List	3-column feature highlights
Testimonials	Carousel	Customer reviews
Call to Action	Button	Newsletter signup

U Search for 'summer' in the products list.



I found 4 items in the 'products' list that match 'summer':

- **Summer Sale Banner** (ID 902)
- **Beach Towel Set** (ID 1045) **Sunscreen Bundle** (ID 1120)
- **Summer Hat Collection** (ID 1205)

Would you like me to fetch the full content for any of these?

U Give me a list of all the URLs on the site.



I have retrieved the flat router map. Here are the registered routes for the 'website' channel:

- /home
- /about
- /products
- /blog
- /contact
- /summer-sale
- /support

Total routes found: 7

Frequently Asked Questions

01 Can I use Agility CMS MCP to create new content?

No, this MCP is designed for querying and fetching existing content. You can use it to read layouts, sitemaps, and lists, but you should use the Agility CMS dashboard to create or edit content.

02 How does Agility CMS MCP help with SEO?

It helps SEO specialists quickly map out the site's URL structure and sitemaps. You can ask your agent to list all routes or show the nested site tree to find content gaps.

03 Can my agent find specific page layouts with this MCP?

Yes, your agent can pull the exact structural modules and UI component mappings for any page. This is great for developers who need to see how a page is built while they are coding.

04 Does Agility CMS MCP support media galleries?

Yes, it can retrieve specific media gallery mappings. This allows your agent to find and list specific groups of photos or images for your pages.

05 Is Agility CMS MCP good for syncing content?

Yes, it includes tools to sync only the updated pages or items. This makes it efficient for keeping your local environment in sync with the CMS without downloading everything every time.

06 Can I search for keywords in my content lists?

Yes, you can ask your agent to search for specific keywords inside any content reference list. It will return the matching items from your headless CMS environment.

07 Can my agent keep track of incremental updates to my CMS items?

Yes. The agent has tools specifically designed to fetch incremental updates using a sync token. It can request only the CMS items or pages that have changed (created, updated, or deleted) since the last automated sync, optimizing fetch latency.

08 How do I find the correct Reference Name to query content?

Reference Names match the identifiers predefined in your Agility CMS Models architecture (such as 'articles', 'authors', or 'posts'). If you are unsure, ask the agent to scan common variables based on your company's naming conventions.

09 Can my agent preview unpublished drafting content?

That depends on the API Token you supply during the integration. If you provide a Preview API Key, the agent will have read-access to the staging and drafted documents. If you provide a Fetch API key, it will only see published items.

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>"agility-cms": { "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

Agility CMS 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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Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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