MCP SERVER | NO CODE | CLOUD HOSTED

ArcXP MCP for AI Agents

Manage Newsroom Content and Publishing Workflows

ArcXP MCP lets your AI client take full control of professional newsroom CMS workflows. You can draft, search, update articles, and manage media assets like photos and videos—all through natural conversation without touching the complex publishing editor.

F Quality Score 3.6/100

publishing-workflow | cms-integration | newsroom-automation | content-distribution | media-management | editorial-tools

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vinkius.com/mcp/arcxp

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.

ArcXP MCP

10 tools available
Cloud-hosted on Vinkius

The ArcXP MCP connects your writing or editorial workflow directly to a major content management system (CMS). Forget logging into clunky interfaces or wrestling with complicated JSON schemas just to publish an update. This connection lets you talk to your newsroom and get things done.

Your AI client handles the heavy lifting. Need to find all articles mentioning 'Election 2024'? Just ask. Want to pull a high-resolution photo asset for tomorrow's piece? It retrieves it. Need to publish a completely new story structured according to strict editorial rules? Done. You manage content, media, and author profiles using nothing but conversation.

It’s the difference between navigating a decade-old web portal and having an expert assistant who knows where everything is. Finding this kind of deep integration usually means checking large catalogs like Vinkius; here, you get immediate command over your entire digital publication suite.

Core Capabilities

01 — Drafting and Publishing New Stories

The MCP lets you create brand new content articles directly into the CMS without entering any editor screen.

02 — Searching Historic Content

You can query your entire library using advanced search syntax to locate specific historical reports or drafts by keywords and metadata.

03 — Retrieving Media Assets

The system searches the media library and fetches high-resolution photos, video assets, and associated thumbnails for immediate use.

04 — Updating Existing Articles

You can modify published or draft articles by sending updates to specific content records.

05 — Managing Author Profiles

The MCP lists registered publishers and retrieves biographies for author verification and context setting.

One Click on Vinkius — From Prompt to Execution

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

01 Connect your AI client to the Vinkius catalog and authorize access using your ArcXP Environment URL and Access Token.

02 The AI agent uses natural language commands to decide which underlying action is needed (e.g., 'Find all photos of the Mayor').

03 ArcXP executes the task, returning structured data or confirmation directly back to your conversation thread.

The bottom line is that you treat your entire publishing suite like a single chat interface, letting the AI client handle all the complex API calls in the background.

Built For

This MCP is built for professional newsrooms and editorial teams. It's for journalists who hate context switching, editors who need to publish quickly during a breaking story, or digital publishers needing to automate massive content updates across multiple platforms.

Journalist / Editor

Quickly fetch related archive material, draft new stories, and orchestrate media assets without ever leaving their writing workspace.

Media Engineer

Automate bulk content updates or sanitize raw CMS payloads when integrating data from a different source system.

Digital Publisher

Accelerate the overall publishing schedule by letting their AI structure, tag, and push finalized articles straight to the live tenant.

What Changes When You Connect

01 Update articles instantly: Use the `update_ans_content` tool to change published stories or metadata without manual UI interaction.

02 Find anything, fast: Run deep searches using `search_ans_content` or `search_photo_assets` across years of archives in seconds.

03 Saves time on research: The MCP allows you to list authors with `list_content_authors` and fetch full profiles with `get_content_author` instantly.

04 Drafting power: Use the `create_ans_content` tool to generate fully structured stories based only on a prompt, skipping the initial drafting phase.

05 Media retrieval: Need a picture or video? The MCP fetches specific assets using `get_photo_asset` or `get_video_asset`, so you don't waste time downloading them.

Real-World Applications

Need to update an article after a live event

A journalist asks their agent: 'The market data changed for the XYZ report. Update the main body and change the publication date.' The agent uses `update_ans_content` and pushes the revision directly, ensuring accuracy.

Gathering background research on a competitor

An editor asks: 'Find all articles mentioning 'Tesla' that were published in Q3 2023.' The agent uses `search_ans_content` and returns a list of specific stories, allowing the editor to draft related follow-ups.

Creating an issue feature with multiple media types

A publisher asks: 'I need a story about renewable energy. Draft it using the latest report payload and include three photos of solar panels.' The agent uses `create_ans_content` and `get_photo_asset` simultaneously.

Cleaning up old, orphaned content

A media engineer needs to archive outdated drafts. They ask: 'Delete all draft articles related to the 2019 election.' The agent uses `delete_ans_content`, executing a safe cleanup task.

Patterns to Avoid

Trying to manually read complex JSON schemas

✗ AVOID

The user is stuck in the CMS UI, trying to decipher which field requires a specific format for publishing. This slows down the entire workflow.

✓ INSTEAD

Instead of diving into the schema, just tell your agent what you want: 'Create a new story about AI ethics.' The `create_ans_content` tool handles the complex structure automatically.

Forgetting to check for existing assets

✗ AVOID

The user tries to use a photo without knowing if it was already uploaded or archived. They waste time searching directories.

✓ INSTEAD

Always start by querying the media library using `search_photo_assets` so you can confirm the asset's status and location before writing content.

Relying on memory for article IDs

✗ AVOID

A user knows they need to update an old story but forgets its specific ID, wasting minutes trying to track it down.

✓ INSTEAD

First use `search_ans_content` with keywords or dates. Once you have the correct payload and ID, then run `update_ans_content`.

The Right Fit

Use this MCP if your primary pain point is workflow friction within a professional newsroom environment. Specifically, if your team spends time copying data between different tabs or struggling to format content for publication, this connection solves that. You need full CRUD access: creating (`create_ans_content`), reading (`get_ans_content` , `search_ans_content`), updating (`update_ans_content`), and deleting (`delete_ans_content`). Don't use this if you just need to read basic content from a simple database; in that case, a general data query tool will suffice. If your goal is only media asset search without publishing actions, `search_photo_assets` handles that, but the full MCP gives you end-to-end control.

ArcXP MCP: Solving Newsroom Publishing Bottlenecks

Today, updating a story is painful. You have to open the CMS editor, find the right article ID, manually paste new text into the body, then switch tabs to upload a supporting photo asset, and finally save/publish—a sequence of clicks that kills momentum.

With this MCP, you just talk to your agent. 'Update Article XYZ: add the Q4 numbers here and attach the latest graph.' The system handles fetching the content via `get_ans_content` , applying the changes with `update_ans_content` , and ensuring everything is published cleanly in one go.

ArcXP MCP: Managing Media Assets and Author Context

Manually gathering media context requires multiple steps. You have to search for a photo, check if the author is listed correctly, and then make sure the video asset you want even exists.

Now, your agent manages that complexity. It can list all contributors using `list_content_authors` , verify their bio with `get_content_author` , and pull a specific visual using `search_photo_assets` —all while building out your story narrative.

ArcXP: 10 Tools for CMS Publishing Workflow Management

Use these tools to perform any action in the CMS, from drafting new articles to finding specific media assets or updating published stories.

#	TOOL	DESCRIPTION
01	`create_ans_content`	Creates a brand new content article in the CMS using strict schema data.
02	`delete_ans_content`	Deletes an entire piece of content from the CMS. Use this with extreme caution as it is permanent.
03	`get_ans_content`	Fetches all data associated with a specific article ID in the Content API.
04	`get_content_author`	Retrieves detailed profile information for a specific publisher or author from Arc XP.
05	`get_photo_asset`	Pulls down a requested, high-resolution photo asset from the Media Library.
06	`get_video_asset`	Retrieves specific video content and its associated stream playlists from the Video Center.
07	`list_content_authors`	Presents a list of all active authors registered in the CMS's Author Service.
08	`search_ans_content`	Searches across the newsroom for content matching specific criteria or keywords.
09	`search_photo_assets`	Performs a dedicated search against the Media Library to find relevant photo assets.
10	`update_ans_content`	Applies revisions or metadata changes to an existing article record in the CMS.

See It in Action

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

U I need to find all articles related to climate change from the last five years.

Search Results: Climate Coverage

• **Title:** Global Warming Trends (2018)
Status:* Published, Last Edited: 2018-11-05
Key Tags:* #ClimateAction, #Science
• **Title:** Coastal Erosion Report (2021)
Status:* Draft, Author: J. Smith
Content Snippet:* 'Data shows a 15% increase in sea level...'

I found 47 matching records. Do you want me to summarize the content of the 2021 draft?

U What are the bios for our top three reporters?

Top Active Publisher Profiles

• **Michael Doe (Global Editor):** Over 15 years covering global politics. Specializes in diplomatic relations and international law.
• **Angela Ruiz (Sports Reporter):** Dedicated coverage of major sporting events, with a focus on athlete background and cultural impact.
• **Kenji Tanaka (Tech Correspondent):** Expert on emerging technologies, from AI policy to quantum computing breakthroughs.

Would you like me to pull any specific article payload for any of these authors?

Frequently Asked Questions

01 **How does ArcXP MCP help automate publishing workflows?**

The MCP lets your AI client manage the entire content lifecycle. You can create new articles, update existing ones with fresh data, and publish everything without ever opening the CMS editor yourself.

02 **Can I use ArcXP MCP to search old news stories?**

Yes. The platform lets you run powerful searches across your entire content library using specific syntax, allowing you to find archived reports or articles from years past instantly.

03 **Does this MCP help with media assets like photos and videos?**

Absolutely. You can search the dedicated media library for high-resolution photos and retrieve video assets, making sure your story has all its necessary visuals before publishing.

04 **What if I need to delete old or inaccurate content?**

The MCP provides a tool to delete content. However, since this action is irreversible, you must always confirm the exact article ID and scope with your agent first.

05 **Does ArcXP MCP connect only to my company's newsroom?**

Yes. When connected via Vinkius, it integrates directly with your unique ArcXP tenant environment, ensuring you are always working on your proprietary content and assets.

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 `"arcxp": { "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

ArcXP 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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