MCP SERVER | NO CODE | CLOUD HOSTED

api.video MCP for AI Agents

Automated Video Content Encoding and Streaming Management

api.video lets you manage your entire video content pipeline through natural conversation. It handles everything from uploading and encoding high-fidelity assets to retrieving detailed performance analytics, all without logging into a dashboard. Get full control over streaming media workflows with an AI agent.

A+ Quality Score 100/100

video-hosting | video-streaming | encoding | media-infrastructure | video-analytics | api-first

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vinkius.com/mcp/apivideo

SCAN TO VIEW

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.

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.

api.video MCP

9 tools available
Cloud-hosted on Vinkius

Need to run complex video operations? This MCP connects your workflow directly to a professional media infrastructure, giving your agent the power of a dedicated media engineer. You can list and manage your entire library of encoded videos, check deep analytics like total plays, or fetch direct asset URLs for players and chapters—all using plain language commands.

It takes the manual labor out of video management. Instead of navigating complex dashboards to update metadata or compile performance reports, you just tell your agent what needs doing. The system handles everything from checking multilingual subtitle tracks to retrieving custom player theme information. When you connect this MCP via Vinkius, your AI client becomes a centralized command center for all things streaming media. You're ready to orchestrate high-fidelity video content and performance instantly.

Core Capabilities

01 — Manage Video Libraries

List or create new video objects, allowing you to manage your entire asset catalog programmatically.

02 — Retrieve Performance Metrics

Access real-time analytics to track total plays and impressions across all your content.

03 — Get Asset Details and Links

Pull specific metadata, direct URLs for players, thumbnails, or chapters needed for embeds and documentation.

04 — Update Video Metadata

Modify titles, descriptions, or other key details of existing videos without touching the core files.

05 — Handle Global Subtitles and Chapters

Access and manage subtitle tracks in multiple languages, plus list specific chapter markers for segmented content.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP on Vinkius and retrieve your Production API Key from your api.video dashboard.

02 Connect the key to your preferred AI client (Claude, Cursor, etc.) through the natural language interface.

03 Tell your agent exactly what you need done—for example, 'Show me last month's play count for Project Beta.' The MCP executes the request and delivers the structured data.

The bottom line is that your AI client acts as a single point of control, executing complex media operations through simple conversation.

Built For

This MCP is essential for professional content teams and engineers. It's for the Product Manager who needs campaign metrics instantly, or the Developer who needs to embed videos without leaving their IDE. If your job involves managing media assets at scale, you need this.

Product Manager

Needs to monitor video performance and track feature walkthrough engagement by calling get_video_analytics directly in conversation.

Content Creator

Uses this MCP to instantly retrieve player links and update video metadata, ensuring their assets are always ready for publishing.

Developer/Engineer

Integrates high-speed cloud-based media management into custom application workflows by listing videos or fetching specific asset URLs.

What Changes When You Connect

01 Stop manually toggling between dashboards. Your agent handles the full lifecycle, from creating new video objects to updating their metadata.

02 Deep analytics are always available. Get performance metrics for any video using get_video_analytics without running separate reporting queries.

03 Never lose track of your content details again. You can retrieve player links and comprehensive metadata by calling get_video_details with a simple prompt.

04 Manage global reach easily. List_video_captions handles subtitle tracks across multiple languages, ensuring consistent viewer experiences.

05 Structured video management: Use list_video_chapters to programmatically define navigation markers, which is critical for long-form tutorials.

Real-World Applications

Analyzing Campaign Performance

A Product Manager asks their agent, 'What were the total plays and impressions for all videos last month?' The agent runs get_video_analytics, providing an immediate report to inform the next marketing push.

Setting up a New Asset Embed

A Developer needs to embed a video. They prompt their agent to retrieve the player link and metadata for 'Project Phoenix,' which uses get_video_details, allowing them to copy the correct URL immediately.

Localizing Content Quickly

A global marketing team needs to update subtitles. They prompt their agent to list_video_captions for a specific video ID, finding both Spanish and French tracks ready for deployment.

Auditing the Video Library

A Content Creator runs a query asking to see all videos tagged 'legacy' using list_videos. This quickly surfaces old assets that need review or deletion via delete_video, preventing clutter.

Patterns to Avoid

Assuming URL availability

✗ AVOID

Manually copying a video ID and guessing the correct embed player link. This often results in broken embeds because you don't know which theme or metadata is needed.

✓ INSTEAD

Use get_video_details to reliably fetch the specific, high-fidelity player URLs and necessary metadata directly through your agent.

Missing performance context

✗ AVOID

Publishing a video without knowing if it's hitting its target view count. You might update the title (update_video_details) only to realize it needs more traffic.

✓ INSTEAD

Always check get_video_analytics first. Use the metrics to prove value before you spend time updating details.

Overlooking structured content

✗ AVOID

Thinking a video is just one file, and forgetting that long training videos require chapters for easy navigation.

✓ INSTEAD

Run list_video_chapters to ensure your video asset has defined chapter markers. This improves the user experience immensely.

The Right Fit

Use this MCP if your workflow requires managing media assets across multiple operational steps—like listing videos, checking analytics, and then updating metadata based on those numbers. You need conversation-driven control over a complex pipeline.

Don't use this if you are only trying to read basic file information (use a standard cloud storage client) or if your needs are limited to simple text generation. If all you want is to generate a script, use an LLM alone. But because you need to *act* on the media—by retrieving URLs, calculating performance, and modifying chapters—this MCP is necessary.

api.video: Automating Video Asset Metadata Management

Today, updating a video asset's metadata is a painful chore. You have to log into the dashboard, find the specific video ID, click through multiple sections—one for the description, another for tags, and yet another just to change the title. It’s tedious clicking, copy-pasting, and hoping you didn't miss a required field.

With this MCP, your agent handles it all in one go. You simply tell your agent, 'Update Project Zenith with this new description and add the tag 'final_release'.' The system executes the update_video_details command cleanly and confirms the change.

api.video: Streamlining Global Video Performance Analytics

The old way of tracking performance meant exporting massive CSV files, merging them in a spreadsheet, and spending hours trying to reconcile impression counts versus actual plays across different time zones.

Now, you just ask your agent for the metrics. It runs get_video_analytics and gives you a clean breakdown—total plays, top-performing assets, and more—right when you need it.

9 Tools in the api.video MCP for Video Media Operations

These tools let you list, create, update, and analyze every aspect of your video library from a single conversation.

#	TOOL	DESCRIPTION
01	`create_video_object`	Initializes a new video entry and sets its core title and description in the platform.
02	`delete_video`	Permanently removes a specified video asset from your library.
03	`get_video_analytics`	Retrieves specific performance metrics, such as total plays and impressions, for any given video.
04	`get_video_details`	Pulls comprehensive metadata for a single video asset, including its current status and settings.
05	`list_video_captions`	Lists all available subtitle tracks and languages associated with a specific video.
06	`list_video_chapters`	Retrieves the structured chapter markers for a video, useful for navigation or timed content.
07	`list_player_themes`	Shows you all the custom player themes currently configured in your account.
08	`list_videos`	Searches and lists your entire video library, supporting filters by title or tags.
09	`update_video_details`	Modifies the descriptive metadata (like titles or descriptions) of an existing video asset.

See It in Action

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

U What's the status of our new training videos? I need player links for three different IDs.

Video Status Report

ID	TITLE	STATUS
vi901	Training v3.0	Ready to Stream
vi902	Onboarding Flow	Needs Review
vi903	Sales Demo Q3	Active

Here are the player URLs for immediate use:

Frequently Asked Questions

01 **How do I get performance metrics for my videos using api.video MCP?**

You simply ask your agent to check analytics. It pulls real-time data on total plays and impressions, so you always know which content is performing well without leaving your chat interface.

02 **Can I use the api.video MCP to update video descriptions or titles?**

Yes, it handles metadata changes easily. You tell your agent what new title and description you want, and it updates those details on the asset for you.

03 **Does this MCP help me manage multilingual subtitles?**

Absolutely. You can list all available subtitle tracks and languages for any video in one command, making global content rollout straightforward.

04 **What if I need to find the embed link for a specific video ID?**

You just ask your agent to get the details. It retrieves the direct player URL and other necessary metadata instantly, eliminating manual dashboard searching.

05 **Is api.video MCP only good for big companies?**

Not at all. This tool helps any creator or small team manage their media assets professionally. You get enterprise-level control over encoding and streaming without the complexity.

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 `"apivideo": { "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

api.video 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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