MCP SERVER | NO CODE | CLOUD HOSTED

YouTube Analytics MCP

Track Video Performance & Channel Growth

YouTube MCP lets your AI client analyze global video intelligence directly from YouTube's API. Search for specific videos, get detailed statistics on any piece of content, and audit entire channel performance in natural conversation. Use it to gather everything from view counts and subscriber totals to analyzing user comments.

A+ Quality Score 100/100

video-hosting | content-metadata | channel-analytics | video-search | audience-engagement | media-intelligence

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vinkius.com/mcp/youtube

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.

YouTube MCP

4 tools available
Cloud-hosted on Vinkius

Stop manually navigating the YouTube site just to find one data point. This MCP connects your AI agent directly to the core video intelligence of YouTube. You can ask for things like total subscriber count or which videos are performing best, and it pulls the raw numbers instantly. For instance, you can use the tool to search for specific content by keyword or even pull full technical metadata on a single video. Need to gauge public reaction? The agent fetches relevant comments from any given video so you can analyze user sentiment without reading hundreds of threads. If you're running complex media monitoring workflows, this MCP also helps quickly find unique IDs for both videos and channels. This level of deep access transforms your AI agent into a dedicated video data analyst, something that Vinkius makes available right in your preferred client.

Core Capabilities

01 — Search for Video Content

It returns a list of video metadata, including titles and descriptions, based on keywords or specific phrases.

02 — Get Specific Video Details

This function retrieves the full technical data, description, and statistics for one particular YouTube video ID.

03 — Audit Channel Performance

You can get complete branding information and key statistics for any specified YouTube channel.

04 — Analyze User Comments

It fetches the top, most relevant comment threads from a specific video so you can analyze community feedback.

One Click on Vinkius — From Prompt to Execution

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

01 First, subscribe to this MCP and enter your YouTube API Key into Vinkius.

02 Next, prompt your AI client with a request—for example, 'What are the statistics for video X?'

03 The MCP runs the necessary tool calls and returns structured data about views, subscribers, or comments directly to your agent.

The bottom line is that you get instant, reliable YouTube analytics without ever leaving your AI client.

Built For

This MCP is for anyone who needs hard data on video performance but hates clicking through dashboards. Think content marketers needing to track competitor growth or data scientists collecting metadata for research.

Content Marketing Manager

Uses this tool to monitor how well their latest videos are performing against industry benchmarks and tracks channel growth metrics.

Digital Media Analyst

Retrieves video metadata for large-scale trend analysis or collects sentiment data by pulling relevant comments from competitor content.

SEO Specialist

Searches for videos using precise keywords and gathers technical details to improve internal linking structure across multiple pieces of content.

What Changes When You Connect

01 Gauge community feeling instantly. Instead of reading thousands of comments, the `list_comments` tool pulls only the most relevant threads for sentiment analysis.

02 Monitor growth without logins. Use `get_channel` to pull total subscriber counts and video volume on any channel, giving you an immediate industry snapshot.

03 Never guess a metric again. The `get_video` function provides full technical metadata—view count, like count, upload date—for precise reporting.

04 Spot trends fast. Use `search_videos` to find content based on keywords and collect the titles and descriptions needed for competitive research.

05 Streamline your data collection. This MCP allows you to gather video IDs and channel details programmatically, bypassing manual copy-pasting entirely.

Real-World Applications

Competitor Audit

A marketing manager needs to know how many subscribers a competitor gained last month. They ask their agent to run `get_channel` on the rival's ID, getting instant access to total subscriber counts and video volume for comparison.

Sentiment Deep Dive

A content creator posts a new tutorial and wants immediate feedback. They use `list_comments` on their own video to pull the top relevant user comments, allowing them to quickly identify recurring pain points or positive buzz.

Content Gap Analysis

A research team needs ideas for new videos. They prompt their agent with a broad topic and use `search_videos` to collect the titles and descriptions of current top-performing content, identifying common keywords they missed.

Historical Performance Check

A data scientist wants to benchmark an old piece of work. They ask for the full technical metadata using `get_video` on a specific ID, retrieving the original upload date and historical view counts instantly.

Patterns to Avoid

Manual Copy/Pasting

✗ AVOID

Opening YouTube in multiple tabs to check metrics for different videos or manually writing down IDs from search results.

✓ INSTEAD

Use the `search_videos` tool to get a list of potential candidates, and then use `get_video` on each ID you care about. This keeps everything organized within your chat history.

Assuming Data Availability

✗ AVOID

Thinking that just knowing the video title is enough to get all the statistics or comment threads.

✓ INSTEAD

Always provide a specific Video ID or Channel ID. The MCP uses tools like `get_video` and `get_channel` because they require precise identifiers for accurate data retrieval.

Over-relying on the UI

✗ AVOID

Waiting until a dashboard updates to see channel growth, making your analysis reactive rather than proactive.

✓ INSTEAD

Use `get_channel` in your agent. You can query real-time statistics and historical data directly through conversation, turning passive viewing into active analysis.

The Right Fit

You should use this MCP if you need hard, quantitative performance metrics on video content or channels. If your goal is purely conceptual—like 'tell me what people might like'—then chat alone works fine. But if you need actual numbers, whether it's the total subscriber count from `get_channel`, specific engagement statistics via `get_video`, or real user feedback using `list_comments`, this MCP is essential. Don't use this if you just want to browse videos; use your browser for that. You need data retrieval and analysis, period.

The Daily Grind of Video Analysis

Every time a marketing team needs to audit a competitor's campaign, someone has to open YouTube. They run keyword searches, copy the titles, click into each video one by one, and then manually find the view count, subscriber number, and total comments. It’s hours of clicking through tabs and copying text into a spreadsheet.

With this MCP, you tell your agent exactly what you want—'Find the top 5 competitor videos and list their stats.' The MCP handles all the searching, data gathering, and structuring. You get a clean, actionable summary in seconds.

YouTube Analytics with `get_channel`

The biggest time sink is tracking channel growth across multiple rivals. Normally, you’d have to visit the 'About' page for every single competitor and write down their current subscriber count and total video volume.

Now, your agent uses `get_channel`. You input a few IDs, and it spits out all the key metrics—subscribers, video volume, etc.—in one clean block of data. It makes competitive monitoring instantaneous.

YouTube MCP: 4 Tools

Use these tools to get everything from video metadata and statistics to full channel audits, all through conversation.

#	TOOL	DESCRIPTION
01	`get_video`	Gets the full metadata, description, and statistics for one specific YouTube video.
02	`search_videos`	Returns a list of videos found on YouTube based on keywords or exact phrases you provide.
03	`get_channel`	Retrieves complete statistics and branding details for any specified YouTube channel account.
04	`list_comments`	Fetches the most relevant comment threads from a specific video, helping you gauge public opinion.

See It in Action

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

U Search YouTube for 'generative AI tutorials' and show me the top 5 results.

I found the top 5 videos for 'generative AI tutorials'. Highlights include: 1. 'GenAI for Beginners' (ID: abc-123), 2. 'Advanced LLM Prompting' (ID: def-456), and 3. 'Building with Stable Diffusion' (ID: ghi-789). Which one would you like the full details for?

U What are the statistics for video ID 'dQw4w9WgXcQ'?

Video 'Never Gonna Give You Up' (ID: dQw4w9WgXcQ) has 1.5 billion views, 17 million likes, and approximately 2.1 million comments. It was uploaded on Oct 25, 2009. Would you like me to list the latest comments?

U Check the subscriber count for channel ID 'UC_x5XG1OV2P6uYZ5M1D2ogw'.

The channel 'Google for Developers' (ID: UC_...) currently has 2.45 million subscribers and a total of 1,250 videos. The total view count across all videos is approximately 450 million.

Frequently Asked Questions

01 **How does YouTube MCP search for videos?**

The `search_videos` tool returns a list of metadata, including titles and descriptions, based on any keywords or exact phrases you give it. This is great for identifying content gaps.

02 **Can I use the YouTube MCP to find video statistics?**

Yes, the `get_video` tool pulls full technical metadata, including view counts, like counts, and upload timestamps, for any specific video ID you provide.

03 **What information does get_channel provide?**

`get_channel` gives you comprehensive stats on a channel's branding and total performance. You get the current subscriber count and the overall number of videos posted by that account.

04 **How do I check user feedback with YouTube MCP?**

Use the `list_comments` tool. It retrieves the most relevant comment threads from a video, allowing you to quickly analyze what users are saying about the content.

05 **Does this MCP work for old videos too?**

Yes, by using `get_video`, you can retrieve precise data like upload timestamps and view counts even on older pieces of video content.

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 `"youtube": { "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

YouTube 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

INDEPENDENT PLATFORM DISCLAIMER

DOCUMENT INFORMATION

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MCP Server	YouTube MCP
Server ID	`019d7626-8c18-735f-b4b8-7e13f0a45816`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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