MCP SERVER | NO CODE | CLOUD HOSTED

Pika MCP

Turn text concepts into finished, dynamic video content.

Pika MCP gives your agent programmatic access to Pika Labs 2.2 for advanced video creation. Generate cinematic videos from pure text prompts, animate static images into motion sequences, and build complex multi-scene narratives entirely through natural language commands.

A+ Quality Score 100/100

video-generation | text-to-video | ai-animation | lip-sync | creative-tools

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vinkius.com/mcp/pika

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.

Pika MCP

10 tools available
Cloud-hosted on Vinkius

This connector turns a basic chat session into a professional video studio. You can write a concept—say, 'a cyberpunk city floating in neon clouds'—and have your AI agent queue the entire sequence for rendering. Need to make sure the characters talk? Your agent handles lip-syncing and even generates custom sound effects to match the scene. If you only have key images, don't sweat it; you can interpolate frames between them or apply complex visual effects like melting or squishing using simple text instructions. It's designed for people who need full control over every frame, from initial generation to final job status checks.

Core Capabilities

01 — Generate video from a text prompt

The agent creates a high-fidelity video clip based on any descriptive text you provide.

02 — Animate still images

You can take a static photo and give it motion, transforming it into an animated sequence.

03 — Combine multiple image references

The tool stitches together several input images to form one continuous video scene.

04 — Create smooth frame transitions

It generates a fluid, professional video sequence that smoothly bridges two or more keyframe images.

05 — Apply visual effects

The agent modifies an image by applying cinematic transformations like melting or deflation.

06 — Synchronize video with audio tracks

You can match the mouth movements of characters in a video perfectly to a provided audio file.

07 — Generate sound effects

The system automatically adds custom, context-appropriate sound design elements to your finished video.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your Fal.ai authentication token.

02 Instruct your agent to act as a director, providing the initial text prompt or source assets for the desired project.

03 The system queues the job, returning a request ID that you can use with status checkers until the final video link is available.

The bottom line is: Your AI client handles all the complex API calls; you just tell it what movie you want to make.

Built For

Anyone who deals with visual content—from marketing teams running ad campaigns to game developers needing quick assets. This is for people whose job requires turning raw ideas and static inputs into polished, motion-filled media without jumping between five different software programs.

Content Creator

They use this MCP to write a script concept, have their agent outline the scenes, and immediately trigger video generations for every shot.

Game Developer

They animate static assets like textures or splashes and compose synthetic sound effects on the fly during testing sprints.

Film Storyboard Artist

They orchestrate fully automated storyboarding, rendering exact camera pans and lip-sync dubs completely within their coding environment.

What Changes When You Connect

01 You don't need dedicated rendering software. Your agent handles the full pipeline—from initial generation using `generate_video_from_text` to checking status with `get_job_status`. It all happens through chat.

02 Animation is simple. Instead of manual frame-by-frame work, you can use `animate_image` or combine multiple shots with `generate_multi_image_scene` just by providing the source material and a prompt.

03 Sound design used to be an afterthought. Now, your agent manages it: generating targeted soundscapes using `generate_sound_effects` adds professional audio flair right when you need it.

04 Perfecting dialogue is easy. When characters speak, use `lip_sync_video`. This tool precisely matches mouth movements to the provided audio track, eliminating awkward lip-sync gaps.

05 When your concept requires specific timing or movement, you can control it directly. Use `generate_video_with_duration` if you need a clip that runs for exactly 7 seconds, for instance.

Real-World Applications

Building an Explainer Video Prototype

A startup marketer needs a quick video explaining their new feature. They prompt the agent with 'Show product X in action,' using `generate_video_from_text` for the main sequence. Then, they use `animate_image` on a static diagram to show scale and add voiceover audio, completing the draft within minutes.

Developing Game Cutscenes

A game dev needs a quick fight scene asset. They upload key art and prompt for movement using `interpolate_keyframes`. Once the sequence is done, they use `generate_sound_effects` to add weapon impact sounds, dramatically speeding up their content loop.

Marketing Character Voice-Overs

A brand manager needs an ad featuring a spokesperson. They input the character's video and the recorded voice track, then use `lip_sync_video` to ensure the mouth movements are perfectly aligned with the dialogue, making the final output look professional.

Creating Multi-View Storyboards

A film student is storyboarding a chase scene. They use `generate_multi_image_scene` to combine images of different angles into one continuous video flow, then use `apply_visual_effects` to give it a 'heat haze' cinematic look.

Patterns to Avoid

Thinking you need multiple tools for simple animation

✗ AVOID

Trying to manually combine `animate_image`, `interpolate_keyframes`, and `generate_video_from_text` sequentially because the documentation lists them separately.

✓ INSTEAD

Start with a single, comprehensive prompt that guides your agent. Let it decide which tool is best; for instance, if you're interpolating between two images, just use the `interpolate_keyframes` tool and describe the motion in the prompt.

Ignoring job status checks

✗ AVOID

Running a large generation request using `generate_video_from_text` and then immediately asking for the result without checking the queue.

✓ INSTEAD

Always check the progress first. Use `get_job_status` until it returns 'COMPLETED'. Only after that do you call `get_job_result` to get the final link.

Over-relying on basic text generation

✗ AVOID

Just asking for a video and not specifying timing or movement, resulting in a generic, unstyled clip.

✓ INSTEAD

Be specific. Use `generate_video_with_duration` to control the exact length. Also, consider adding visual flair by using `apply_visual_effects`.

The Right Fit

Use this MCP if your workflow involves turning raw concepts, images, or audio into polished motion media. This is for complex video pipelines that require multiple steps: text-to-video generation, frame smoothing, sound design, and dialogue synchronization. Don't use it if you only need a simple image editor; those are better handled by dedicated graphic tools. Also, don't try to manage the

rendering process manually—you must let your agent handle the job queueing using `get_job_status` before attempting retrieval with `get_job_result`. If your goal is just creating an audio file, this MCP won't help; it focuses on visual output.

Making video content today feels like a series of painful copy-pastes.

Currently, if you want to make a multi-shot ad, you write the script in one program. You export the text and paste it into another tool for basic image generation. Then, you take those images into a third app to manually keyframe transitions, and finally, you upload everything to a fourth service just to add sound effects. It's time-consuming and you spend half your day managing file versions.

With this MCP, the workflow collapses back into conversation. You describe the scene—the camera movement, the required duration, even the need for specific visual effects like melt or squish—and your agent handles routing that command across all necessary generation endpoints. You get a ready-to-use asset without leaving your IDE.

Pika MCP: Complete Video Storyboarding and Animation

The biggest time sinks are coordinating multiple inputs: taking initial concepts, then finding images to transition between, followed by separately generating sound design. You used to manage these file dependencies across five different platforms.

Now, your agent acts as the central hub. It manages complex tasks like combining image references via `generate_multi_image_scene` or ensuring audio dialogue perfectly matches the visuals using `lip_sync_video`. The entire production chain runs inside your chat interface.

Pika: 10 Video Generation Tools

These tools let you build a full-scale visual media pipeline. Generate videos from scratch, smooth transitions between images, synchronize dialogue, and add sound effects all through your AI agent.

#	TOOL	DESCRIPTION
01	`generate_video_from_text`	Creates a cinematic video clip from scratch using only a text prompt.
02	`animate_image`	Brings motion to a still image by generating animated video content.
03	`generate_multi_image_scene`	Combines multiple input images into a single, coherent video scene.
04	`interpolate_keyframes`	Generates smooth video frames that bridge the gap between two or more key images.
05	`apply_visual_effects`	Transforms an image by applying specific cinematic visual effects like melting or squishing.
06	`get_job_status`	Checks the current status of a video generation request (e.g., IN_PROGRESS, COMPLETED).
07	`get_job_result`	Retrieves the final URL and metadata for a completed video generation job.
08	`generate_video_with_duration`	Creates a video from text while specifying an exact required duration in seconds.
09	`lip_sync_video`	Matches mouth movements to speech, synchronizing a video clip with an audio track.
10	`generate_sound_effects`	Creates custom sound effects that complement the scene based on a provided video URL.

See It in Action

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

U Generate a 5-second video of a cyberpunk city floating in neon clouds.

The video generation has been queued internally (ID: pk-1029). I'll check its status over the next couple of minutes and alert you when the asset is completely processed.

U Apply the 'melt' visual effect to the job ID pk-1029.

I've invoked the `apply_visual_effects` tool with the 'melt' parameter on source asset pk-1029. A new task has spawned to calculate this destruction scene.

U Check the status of task pk-1029 and fetch the video link if it's done.

I pinged `get_job_status` and it returned 'COMPLETED'. Using `get_job_result`, here is the final MP4 hyperlink: [https://fal.media/cloud/...]

Frequently Asked Questions

01 **How do I make a video if I only have still images?**

You can use `animate_image` to bring motion to single photos, or use `interpolate_keyframes` and `generate_multi_image_scene` to create continuous movement between several static images.

02 **What is the best way to ensure my video has the right length?**

Use the `generate_video_with_duration` tool. This lets you specify the exact output duration in seconds, giving you precise control over the final clip timing.

03 **How do I know if a long video generation job is finished?**

You must use `get_job_status`. You repeatedly call this tool until it returns 'COMPLETED'. Only then should you run `get_job_result`.

04 **Can I add sound effects after the video is generated using Pika MCP?**

Yes, use the `generate_sound_effects` tool. You provide a video URL and the system auto-detects the scene to add appropriate sound design.

05 **Does Pika MCP support animating characters talking?**

Absolutely. Use `lip_sync_video`. This matches the mouth movements in your source video to an external audio track, making dialogue look professional.

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 `"pika": { "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

Pika 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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