

MCP SERVER

NO CODE

CLOUD HOSTED

Unsplash MCP

Manage collections and track image stats instantly.

Unsplash gives your AI agent instant access to millions of high-resolution photos. Search specific topics or keywords, manage personal photo collections, and pull detailed download statistics—all without leaving your chat window.

A+ Quality Score 98.33/100

stock-photography

image-search

visual-assets

creative-workflow

media-library

high-resolution



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.

Unsplash MCP

28 tools available

Cloud-hosted on Vinkius

Connect this MCP using your Unsplash developer account key, and you get immediate access to the world's largest open image library through any AI agent. Instead of opening a browser and juggling tabs, your agent handles everything. You can ask it to find photos matching specific criteria, like 'minimalist workspace in landscape orientation,' or fetch random images related to an architectural topic. If you need to organize assets for a client campaign, the MCP lets you create new collections and add multiple pictures simultaneously. It also tracks user engagement, letting you check photo statistics or see which images are downloading the most. This makes it easy to keep all your visual assets organized directly within your workflow. Vinkius hosts this connection, so whether you use Claude, Cursor, or another compatible client, the power of Unsplash is always connected.

Core Capabilities

01 — Search and discover images

Find photos across the library using keywords, topics, or by filtering for specific orientations.

02 — Manage photo collections

Create, update, and delete organized groups of photos, adding or removing individual pictures as needed.

03 — Analyze user performance data

Pull statistics on specific photos, or view overall download counts for users to understand asset popularity.

04 — Curate visual assets by topic

Browse photo sets categorized by popular topics curated by the Unsplash editorial team.

One Click on Vinkius — From Prompt to Execution

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

- 01 First, connect your Unsplash developer account key to this MCP.
- 02 Next, tell your AI agent what you need—for example, 'Find me three photos of vintage cameras.'
- 03 Finally, the agent uses the tools to find and list the assets, allowing you to organize them into collections or pull specific download statistics.

The bottom line is that your agent handles all the API calls and data retrieval so you don't have to switch applications.

Built For

Content Creators, Digital Designers, and Product Managers. If finding, organizing, or tracking visual assets for a project slows down your day, this MCP is built for you.

Content Marketing Manager

Needs to quickly find the perfect featured image for an article or social media post without leaving their writing tool.

UI/UX Designer

Requires high-resolution placeholder images or inspiration assets directly within their design workflow, checking photo statistics before committing to a final selection.

Web Developer

Automates the process of retrieving image metadata and download counts for testing content population features in an application.

What Changes When You Connect

- 01 Never manually search for stock photos again. Use the agent to find assets by topic, keyword, or orientation directly in your chat window using `search_photos`.

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- 02 Organize massive asset dumps efficiently. You can use `create_collection` and immediately add multiple images via `add_photo_to_collection`, keeping related visuals grouped for a campaign.

 - 03 Understand image performance at a glance. Get deep insights into user engagement by running `get_photo_statistics` on any single picture, or checking total stats with `get_user_statistics`.

 - 04 Build your own visual library dashboard. You can list all available topics using `list_topics`, ensuring you always know where to find high-quality inspiration for niche projects.

 - 05 Automate content population tasks. Developers use the MCP to automatically fetch image metadata and track downloads via `track_photo_download` for application testing.
-

Real-World Applications

The brand needs a new campaign visual, but the team is disorganized.

A Marketing Manager asks their agent to 'Find 10 photos about sustainability and put them into a new collection.' The MCP handles this by calling `search_photos` first, then using `create_collection`, and finally executing multiple `add_photo_to_collection` calls. All assets are instantly curated.

The developer is building an asset viewer and needs test data.

A Developer asks the agent to 'Fetch three random photos from the architecture topic.' The MCP uses `get_random_photo` combined with `get_topic_photos`, allowing the developer to populate a staging environment instantly.

The design team needs to audit which photos perform best.

A Designer asks the agent for 'the download statistics on our top 20 images.' The MCP runs `get_photo_statistics` for each image, compiling a report that helps them decide where to invest their visual effort.

The user needs to track their personal contributions.

A User asks the agent, 'What photos did I upload last month?' The MCP uses `list_user_photos` and provides an overview of the creator's portfolio without needing to visit the website.

Patterns to Avoid

Searching for a specific image by name.

X AVOID

Trying to copy-paste a photo title into a general search field and expecting perfect results. This fails if the user renamed the file or used different keywords.

✓ INSTEAD

Instead, use ``search_photos`` with descriptive keywords like 'minimalist desk' or leverage ``get_topic_photos`` by specifying the correct topic slug for better accuracy.

Manually tracking download attribution after publishing a photo.

X AVOID

Posting an image online and then having to manually track usage reports weeks later. This process is slow, unreliable, and requires multiple platform logins.

✓ INSTEAD

Use the ``track_photo_download`` tool immediately when content goes live. It records the download right at the source, ensuring proper attribution data.

Trying to manage collections without knowing the ID.

X AVOID

Asking the agent to update a collection by saying 'the one about food.' The system won't know which collection you mean because it needs a specific identifier.

✓ INSTEAD

First, run ``list_user_collections`` or ``search_collections``. Once you get the correct ID, you can reliably use ``update_collection`` to make changes.

The Right Fit

Use this MCP if your primary need is visual asset discovery and organization. You want to search millions of images by topic, manage them in specific groups (collections), or understand usage metrics like downloads. Don't use it if you just need simple file storage; this handles *metadata* and *discovery*, not raw cloud storage. If you only need basic image searching without collection management, a generic media library tool might work, but this offers the crucial layer of organization using `create_collection` and `add_photo_to_collection`. Never use it if your goal is to generate images; Unsplash provides existing photography assets only.

Finding the right image often feels like sifting through endless tabs.

Most people find themselves opening a browser, landing on the stock photo site, and then clicking through dozens of categories. They search for 'outdoor', see 50 options, realize they needed 'urban outdoor,' go back, refine the search, and finally download a dozen files into a local folder just to sort them later.

With this MCP, you simply tell your agent what you need—say, 'I need three photos of neon signs in rain.' Your agent runs `search_photos`, pulls the best results, and can even organize those directly for you using `create_collection`. You get curated, categorized assets without ever leaving your chat.

Get Photo Collection Management with Unsplash.

Before this MCP, organizing visual ideas meant creating a separate folder structure on your hard drive, manually dragging photos into specific project folders. If you needed to share the collection list with a teammate, you had to download and re-upload everything.

Now, when you use `list_user_collections`, that whole process is gone. You manage your visual assets inside the MCP's data structure, making sharing and retrieval instantaneous for both you and your team.

Unsplash MCP: 28 Tools for Visual Assets

These tools let you find images, create collections, update asset data, and check usage statistics using simple commands within your chat.

#	TOOL	DESCRIPTION
01	<code>get_photo</code>	Retrieves the full image data for one photo using its ID.
02	<code>search_users</code>	Searches the platform for other users based on their public profile name or activity.
03	<code>add_photo_to_collection</code>	Adds a specific photo to your existing collection.
04	<code>list_user_photos</code>	Lists photos that were uploaded by your specific user account.
05	<code>remove_photo_from_collection</code>	Takes a photo out of an existing collection when the asset is no longer relevant.
06	<code>search_collections</code>	Searches for collections using descriptive keywords, helping you find niche sets of images.
07	<code>search_photos</code>	Finds specific photos by entering general search terms or keywords.
08	<code>track_photo_download</code>	Records a photo download to ensure proper attribution and track usage metrics.
09	<code>create_collection</code>	Sets up and names a brand new private or public photo collection for organization.
10	<code>delete_collection</code>	Permanently removes an existing photo collection when it's no longer needed.
11	<code>get_collection_photos</code>	Retrieves a list of all photos currently stored inside a specified collection.
12	<code>get_collection</code>	Fetches the details for one specific photo collection using its unique ID.
13	<code>get_me</code>	Retrieves your public profile information and details about your Unsplash account.
14	<code>get_photo_statistics</code>	Gets detailed metrics, like views and downloads, for a single photo ID.
15	<code>get_random_photo</code>	Pulls one or more random, high-quality photos from the library.

#	TOOL	DESCRIPTION
16	<code>get_related_collections</code>	Lists other collections that are thematically similar to a given collection ID.
17	<code>get_topic_photos</code>	Fetches photos specifically categorized under a defined topic.
18	<code>get_topic</code>	Retrieves details about a specific photo topic using its ID or slug.
19	<code>get_user_statistics</code>	Gets overall download and view statistics for an entire user account.
20	<code>get_user</code>	Retrieves a public profile of any specified Unsplash user by username.
21	<code>like_photo</code>	Marks your account as liking a specific photo to show appreciation for the creator.
22	<code>list_collections</code>	Shows all public collections available across the Unsplash platform.
23	<code>list_photos</code>	Fetches a list of photos from the main editorial feed.
24	<code>list_topics</code>	Provides a comprehensive list of all available photo topics and categories.
25	<code>list_user_collections</code>	Shows all collections that you, the authenticated user, have created.
26	<code>unlike_photo</code>	Removes your 'like' status from a photo, reversing the action you previously took.
27	<code>update_collection</code>	Edits an existing collection's details or membership structure using its unique ID.
28	<code>update_me</code>	Changes personal information on your authenticated Unsplash user profile.

See It in Action

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

U Search for 3 high-resolution photos of 'minimalist workspace' in landscape orientation.



I've found 3 minimalist workspace photos for you. [Photo 1: Clean desk with laptop], [Photo 2: Bright office with plants], [Photo 3: Zen wooden desk]. Would you like the download links for any of these?

U Get a random photo from the 'Architecture' topic.



Here is a stunning random photo from the Architecture topic: [Image of a modern spiral staircase]. It was taken by 'UserXYZ'. Do you want to see more from this photographer?

U Show me the statistics for the user 'unsplash_photographer'.



The user 'unsplash_photographer' has impressive engagement: 1.2M total views and 450k downloads across their 120 uploaded photos. Would you like to see their most popular collections?

Frequently Asked Questions

01 How do I search for photos using Unsplash Extended MCP?

You use the `search_photos` tool by providing keywords or phrases. For example, asking the agent to 'Search for autumn leaves' will run the necessary query and return results.

02 Can I track how many times a photo was downloaded using Unsplash Extended MCP?

Yes, you can check usage data with `get_photo_statistics`. This tool pulls detailed metrics on views and downloads for any specific image ID.

03 What is the difference between listing topics and searching photos in Unsplash Extended MCP?

Listing topics (`list_topics`) gives you all available categories (e.g., 'Nature,' 'Minimalism'). Searching photos (`search_photos`) lets you find images using custom words, like 'minimalist coffee shop.'

04 Does Unsplash Extended MCP require me to use my own API key?

Yes, connecting your personal Unsplash developer access key is required for the agent to perform any actions. This allows the tool to act on behalf of your account.

05 How do I add a photo to an existing collection using the MCP?

You use `add_photo_to_collection` and must provide both the specific photo's ID and the name or ID of the target collection. This keeps your assets organized.

06 Can I fetch a random photo based on a specific search term or topic?

Yes! Use the `get_random_photo` tool. You can provide a `query` (like 'nature') or `topics` IDs to filter the random selection to exactly what you need.

07 Is it possible to create and manage my own photo collections via the AI?

Absolutely. With a valid Bearer Token, you can use `create_collection`, `add_photo_to_collection`, and `remove_photo_from_collection` to curate your Unsplash assets directly through conversation.

08 How can I check the performance or popularity of a specific photo?

You can use the `get_photo_statistics` tool by providing the photo ID. It will return detailed metrics including total views and downloads.

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 `"unplash-extended": { "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

Unsplash 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](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Unsplash MCP
Server ID	019e3902-a5d7-7286-b531-36a2a09254c4
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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