MCP SERVER | NO CODE | CLOUD HOSTED

Face++ / Megvii MCP

Analyze Biometrics, Bodies, and Identity in Images

Face++ / Megvii provides advanced computer vision tools for analyzing images and videos. Your agent can detect faces, compare identities with high confidence scores, analyze human body skeletons, or identify specific hand gestures. It's built for security compliance, identity verification, and detailed biometric research.

A+ Quality Score 100/100

computer-vision | facial-recognition | identity-verification | biometrics | image-analysis | gesture-detection

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/face-megvii

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.

Face++ / Megvii MCP

10 tools available
Cloud-hosted on Vinkius

Your agent connects to Face++ / Megvii to handle complex image analysis that used to require specialized software and manual workarounds. Instead of navigating a dense web console, you talk to your AI client and ask it to perform vision tasks—whether checking KYC documents or analyzing user behavior in a video feed. The system instantly detects faces, calculates how similar two people are, and even maps out human body skeletons for posture analysis. This level of deep visual intelligence is now accessible through the Vinkius catalog, letting you treat complex biometrics like any other data query. You can manage massive face databases, running searches across thousands of stored profiles with a simple command.

Core Capabilities

01 — Identify and detail faces

Detects human faces in an image and retrieves attributes like age, gender, and emotional state.

02 — Verify identity similarity

Compares two separate images to calculate the mathematical confidence that they belong to the same person.

03 — Search large face databases

Creates and manages searchable collections of faces, allowing you to look up specific individuals within a group.

04 — Analyze body structure

Detects human bodies in an image and maps out the complete skeleton keypoints for posture analysis.

05 — Recognize hand movements

Identifies specific gestures and patterns within hands captured in the images.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP, then enter your Face++ API Key and Secret into your preferred AI client.

02 Ask your agent to perform a specific vision task—for example, comparing two photos or detecting bodies in an image URL.

03 The tool processes the data and returns structured results, such as confidence scores or detected attributes.

The bottom line is that you get deep computer vision analysis directly through natural language prompts from your AI client.

Built For

Security and compliance professionals who need automated identity verification, or UX researchers analyzing user behavior in video. If your job involves confirming identities or studying body language, this MCP is for you.

Compliance Officer

Uses the tool to automate Know Your Customer (KYC) audits by comparing submitted IDs against stored faceSets.

Security Analyst

Runs real-time searches across suspect images, using functions like search_face to find matches in large databases.

UX Researcher

Analyzes video recordings during usability tests, using detect_body and gesture_detect to gauge user posture or frustration.

What Changes When You Connect

01 Instant identity confirmation. Instead of manual visual checks, use compare_faces to get a high-confidence percentage score that two people match.

02 Deep database management. Use create_faceset and add_face_to_faceset to build structured profile libraries, then search for matches using search_face.

03 Complete body analysis. Detect human bodies with detect_body, then dive deeper by running skeleton_detect to analyze posture or gesture_detect to check hand signals.

04 Faster compliance checks. Automate KYC workflows. Your agent can use detect_face immediately on uploaded IDs to confirm basic attributes like gender and age.

05 Unified workflow. You don't have to switch between multiple image processing tools; your agent handles face, body, and gesture analysis all at once.

Real-World Applications

Onboarding new employees for compliance

A Compliance Officer needs to verify a batch of documents. They tell their agent: 'Compare these 20 IDs using compare_faces and report any matches against our master FaceSet.' The agent runs the checks instantly, flagging discrepancies where human eyes would struggle with volume.

Analyzing user interactions in product testing

A UX Researcher reviews video footage of a usability test. They ask their agent to detect_body and skeleton_detect on key moments. This reveals if the user is hunched over or using specific hand gestures, data that informs immediate design changes.

Forensic investigation of suspects

A Security Analyst receives a photo of an unknown individual. They use detect_face to pull key attributes (age, gender) and then execute search_face against a known database using the FaceSet tools to narrow down suspects.

Monitoring remote workers for safety

A manager needs to check compliance on body posture in factory video feeds. They instruct their agent to detect human bodies and run skeleton_detect, immediately spotting anyone whose posture deviates from safe guidelines.

Patterns to Avoid

Thinking of it as a simple photo editor

✗ AVOID

Trying to use the MCP just to crop images or change filters. Expecting basic graphical editing features.

✓ INSTEAD

This MCP isn't for picture polish. It's for deep analysis. Use detect_face and skeleton_detect when you need objective data—like age, gender, or posture keys—not aesthetic changes.

Ignoring the database structure

✗ AVOID

Trying to compare faces without first creating a dedicated FaceSet for them. The comparison will fail due to missing context.

✓ INSTEAD

Always start by using create_faceset, then add all relevant profiles with add_face_to_faceset before running search_face or comparing identities.

Overlooking body analysis

✗ AVOID

Only checking for faces and missing crucial context about the person's physical state.

✓ INSTEAD

Remember that analyze human movement. Use detect_body followed by skeleton_detect to get a full picture of posture, or use gesture_detect for hand-specific cues.

The Right Fit

Use this MCP if your workflow relies on objective visual data: comparing identities, mapping skeletons, or reading biometrics. The core value is turning raw image pixels into structured, actionable data points (like a 98.5% confidence score). Don't use it if you just need to draw circles around objects or apply simple filters—this isn't an editor; it's a forensic toolkit. If your goal is merely organization (like file naming), look for general data connectors. But if the problem involves 'who,' 'how similar,' or 'what posture,' this Face++ / Megvii MCP handles those complex, multi-stage analyses.

Compliance teams spend too much time manually verifying identities.

Think about the process today. You get a stack of documents for KYC audit—IDs, passport pages, photos. You open one spreadsheet, copy the data point from one tab, then jump to another system to compare the face against a known record. It's hours of clicking, manual cross-referencing, and high risk of human error.

With this MCP, your agent handles that whole workflow in natural language. Instead of copying and pasting or switching tabs, you simply ask it to run 'compare_faces' across multiple inputs. You get the definitive confidence score instantly, letting you focus on exceptions instead of repetitive checking.

Face++ / Megvii delivers structured biometric data via search_face.

Before this tool, running a large-scale database match meant complex API calls and dedicated infrastructure. You had to pre-load the entire dataset just to check one name against thousands of records.

Now, you use create_faceset to build your known profile library, then search_face asks the agent to cross-reference new data against that set instantly. It’s not just finding a match; it's finding the precise context for that match.

Face++ / Megvii: 10 Vision Analysis Tools

These tools allow you to perform deep computer vision tasks like identity comparison, face detection, and skeleton mapping directly through your AI client.

#	TOOL	DESCRIPTION
01	`add_face_to_faceset`	Adds a new face to an existing searchable collection of faces (FaceSet).
02	`compare_faces`	Compares two specific faces and returns a score indicating how likely they are to be the same person.
03	`create_faceset`	Creates a brand new, empty searchable database for storing face profiles.
04	`detect_body`	Scans an image and returns the coordinates for any detected human bodies.
05	`detect_face`	Locates all visible faces within an image, providing basic attributes like age or gender.
06	`gesture_detect`	Analyzes hand positions in an image to identify specific gestures.
07	`get_faceset_detail`	Retrieves comprehensive details and metadata for a specified FaceSet.
08	`remove_face_from_faceset`	Deletes a specific face profile from an existing collection (FaceSet).
09	`search_face`	Searches for a given face within a FaceSet and returns matching individuals.
10	`skeleton_detect`	Maps out the full human skeleton keypoints from an image to analyze posture and movement.

See It in Action

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

U Detect faces in this image URL: [URL].

I've analyzed the image. I found 2 faces. Face 1 appears to be a male around 30 years old with a happy expression. Face 2 is a female around 28 years old with a neutral expression. Would you like to see the face tokens for these results?

U Compare these two images to see if they are the same person: [URL1] and [URL2].

I've compared the faces. There is a 98.5% confidence that both images belong to the same person. This is well above the recommended threshold for matching identities.

U Check for any human body detected in this photo: [URL].

I've retrieved the body detection results. I found 1 human body in the image. Would you like to analyze the skeleton keypoints or check for any specific hand gestures?

Frequently Asked Questions

01 **How does Face++ / Megvii MCP handle face comparisons?**

It compares two faces and outputs a confidence percentage. The compare_faces tool gives you a score, not just a yes or no answer, helping determine if the match is reliable.

02 **Can I use Face++ / Megvii MCP to track people over time?**

You can manage persistent identity records using create_faceset and add_face_to_faceset. This allows your agent to build a searchable history of profiles for longitudinal analysis.

03 Do I need to write code to analyze body posture?

No, you don't. You just tell your agent: 'Detect the body in this image and run skeleton_detect.' The MCP handles the complex steps of mapping keypoints for you.

04 What is the difference between detect_face and search_face?

Detect_face simply finds all faces in a single picture, giving basic attributes. Search_face requires you to first build a FaceSet and then searches that existing library for matches.

05 Which tool is best for checking hands or gestures?

Use gesture_detect if you are looking for specific hand signs (like counting or pointing). It focuses solely on identifying those recognized movements from the image data.

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 `"face-megvii": { "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

Face++ / Megvii 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

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Face++ / Megvii. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Face++ / Megvii MCP
Server ID	`019d8438-ddc6-73c5-8643-ceefa2a213cf`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/mcp/face-megvii.