

MCP SERVER

NO CODE

CLOUD HOSTED

# Juhe Data / 聚合数据 MCP

Get real-time data on weather, IDs, and global events.

Juhe Data provides a unified API layer for essential data services across China, letting your AI client access real-time intelligence in one go. You can check current weather and 3-day forecasts, audit ID card numbers for basic details, locate IPs to determine user regions, or pull the latest news headlines on any topic. It also handles things like currency exchange rates and lunar calendar data, turning scattered research into a single conversation.

**A+** Quality Score 100/100

api-aggregator

weather-data

identity-verification

ip-lookup

data-services

developer-api



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Juhe Data / 聚合数据 MCP

10 tools available

Cloud-hosted on Vinkius

Juhe Data lets your AI agent gather essential background intelligence that used to require logging into five different websites. Instead of manually checking separate weather APIs for Beijing, then cross-referencing ID databases, you ask your client, and it handles the complexity. Your agent can instantly check real-time conditions, verify details from an ID card number, or look up where a specific IP address comes from—all through natural language conversation. This capability is invaluable when building background checks or monitoring local events without needing custom coding for every single data source. When you connect this MCP via Vinkius, your agent acts as a comprehensive intelligence layer, pulling accurate and reliable information on demand.

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## Core Capabilities

### 01 — Check real-time weather and forecasts

Your client pulls current weather conditions and the next three days of forecast for any city in China.

### 03 — Determine IP address location

It looks up an IP address to identify the user's geographical region and network provider.

### 05 — Retrieve financial and calendar data

You can get up-to-date currency exchange rates, oil prices, or specific holiday information for a given month.

### 02 — Verify ID card details

The MCP validates Chinese ID numbers to retrieve basic holder information, including sex, birth date, and registration area.

### 04 — Gather current news headlines

Your agent fetches the latest articles and headlines across multiple categories for background research.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/juhe-data](https://vinkius.com/mcp/juhe-data) — connect your AI agent in three steps.

- 01** Subscribe to this MCP and input your required Juhe AppKeys (e.g., Weather, ID, News) into the Vinkius environment.
- 02** Tell your AI client what data you need using plain English—for example, 'What is the weather in Shanghai?' or 'Check this ID card number.'
- 03** Your agent invokes the appropriate tool from the MCP and returns structured, accurate information directly to your conversation.

The bottom line is that instead of building complex code flows for data lookup, you just talk to your agent and it handles the integration layer itself.

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## Built For

Compliance officers who spend hours manually validating identities. Operations managers tracking regional conditions across a large area. Research analysts needing quick access to market indicators or news trends. If you deal with data from disparate sources, this is for you.

### Compliance Officer

Automates basic background checks by running identity verification tools and aggregating required details into a single report.

### Logistics Manager

Monitors regional conditions, using weather data to adjust delivery schedules or plan routes across multiple Chinese cities.

### Market Research Analyst

Gathers real-time market intelligence by pulling the latest news headlines alongside currency exchange rates for trend analysis.

## What Changes When You Connect

- 01 Eliminate multi-site lookups. Instead of checking multiple external APIs for different pieces of info (like weather, ID verification, and news), your agent calls one tool to get everything it needs.
- 02 Improve compliance workflow speed. Use the `get_id_card_info` tool to automate basic identity checks. Your client processes the data instantly, letting you focus on review instead of retrieval.
- 03 Gain immediate geographical context. The `get_ip_lookup` tool tells you exactly where a user's IP address originates from, which is critical for fraud detection and regional analysis.
- 04 Stay current without manual scraping. Use `get_latest_news` to pull diverse headlines across different categories, keeping your research fresh with just a prompt.
- 05 Handle complex data types simply. Need to know the exchange rate or today's local holidays? The MCP handles `get_exchange_rate` and `get_calendar_month`, making multi-domain queries easy.

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## Real-World Applications

### Assessing a potential partner's background.

A compliance officer needs to vet an international vendor. They ask their agent to run the `get_id_card_info` tool against provided IDs, and then use `get_latest_news` to check if the company has any recent negative press coverage. The agent consolidates both data points into one report.

### Planning a complex logistics trip.

A manager needs to route a team through three different Chinese cities. They prompt their client: 'What's the weather in City A, and what are the local holidays in City C?' The agent calls `get_weather` for both locations and `get_calendar_month`, giving them clear go/no-go criteria.

**Building a market intelligence dashboard.**

A financial analyst needs to track global movements. They ask the agent to pull the current oil price using ``get_oil_price`` and compare it to the latest currency exchange rate from ``get_exchange_rate``, immediately giving them a comprehensive view of economic factors.

**Understanding user origin for debugging.**

A developer is tracking an error report. They provide the IP address, and the agent uses ``get_ip_lookup`` to pinpoint the region. This allows them to immediately narrow down the problem scope without needing manual GeoIP services.

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## Patterns to Avoid

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**Treating it like a generic search engine****X AVOID**

Trying to ask for too many unrelated things in one prompt, or asking for data that isn't available (e.g., 'Give me the full text of last week's Olympics').

**✓ INSTEAD**

Break down the request into specific calls. If you need weather and news, ask for them separately: 'What is the weather today?' then 'Show me the latest tech headlines.' This ensures the agent uses ``get_weather`` and ``get_latest_news`` correctly.

**Ignoring input parameters****X AVOID**

Asking only, 'Give me the exchange rate,' without specifying which two currencies you want to compare.

**✓ INSTEAD**

Always specify your required inputs. Use a prompt like: 'What is the exchange rate between USD and CNY?' This allows ``get_exchange_rate`` to function properly.

**Assuming full data access****X AVOID**

Believing that simply providing an ID number means you get all personal details, when sometimes only basic information is available.

**✓ INSTEAD**

The tool provides limited but specific verification. Use ``get_id_card_info`` knowing it retrieves only the registered area, sex, and birth date, not every detail about the person.

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## The Right Fit

Use this MCP if your core problem involves gathering structured data from diverse, real-world sources—think weather, identity records, or market indices. It's ideal for background checks, logistics planning, and deep research where you need to cross-

reference multiple types of information (e.g., checking a location's ID against its current news coverage). However, don't use this if your task is purely creative writing, summarization of internal documents, or general conversation that doesn't require external data points. If you only need to summarize an article or generate code, use a standard text processing tool instead.

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## The Manual Grind of Data Aggregation

Today, if your workflow requires checking local conditions—say, confirming the weather for a shipment destination while simultaneously verifying an employee's ID card and looking up market news—you spend hours bouncing between APIs, spreadsheets, and web pages. You copy data from one tab into another, hoping nothing breaks.

With this MCP, you simply ask your agent to check all three things in one prompt. It handles the API calls for `get_weather`, runs the verification via `get_id_card_info`, and pulls headlines using `get_latest_news`. The result is a single, coherent answer—no more copy-pasting.

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## Getting Context with Juhe Data / 聚合数据

You no longer have to manually check the lunar calendar for holidays and then run a separate query to see what the local news coverage is on that holiday. You just ask your agent, 'What are the holidays this month, and what's happening in the news?'

The data streams together automatically. It's not just about having access; it's about turning disparate facts into actionable context with one simple query.

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## Juhe Data / 聚合数据: 10 Tools

Use these tools to pull specific data points like weather forecasts, ID verification details, and current news headlines into any conversation.

#	TOOL	DESCRIPTION
01	<code>get_calendar_day</code>	Retrieves specific holiday and calendar information for a single day.
02	<code>get_calendar_month</code>	Provides general holiday schedules and calendar data for an entire month.
03	<code>get_constellation_horoscope</code>	Fetches the daily horoscope based on Chinese constellation data.
04	<code>get_driving_test_questions</code>	Generates a set of random questions for practice driving tests.
05	<code>get_exchange_rate</code>	Returns the current exchange rate between two specified currencies.
06	<code>get_id_card_info</code>	Extracts basic personal information from a provided Chinese ID card number.
07	<code>get_ip_lookup</code>	Identifies the geographic location and network provider associated with an IP address.
08	<code>get_latest_news</code>	Retrieves a collection of recent news headlines from various sources.
09	<code>get_oil_price</code>	Provides the most recently reported oil prices within China.
10	<code>get_weather</code>	Gets detailed weather information, including forecasts, for a specified city.

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## 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 weather in Beijing today?



In Beijing, it's currently Sunny at 22°C with 35% humidity. The wind is blowing from the North at level 2. The forecast for the next 3 days remains clear with temperatures ranging between 12°C and 25°C.

### U Check the information for ID card 110101199001011234.



The ID card information shows the holder is a Male, born on January 1, 1990. The registration area is Dongcheng District, Beijing.

### U Show me the latest tech news from Juhe.



I've retrieved the latest tech news. Headlines include 'New Advances in AI Chips' and 'The Growth of China's Digital Economy'. Would you like the links to the full articles?

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## Frequently Asked Questions

### 01 How do I use Juhe Data / 聚合数据 for weather forecasting?

You prompt your agent asking for the forecast, and it uses ``get_weather`` to pull current conditions plus a three-day outlook for any Chinese city.

### 02 Can Juhe Data / 聚合数据 verify ID cards?

Yes. By calling ``get_id_card_info``, your agent verifies basic personal details like the holder's sex, birth date, and registration area using an ID number.

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**03 What if I need to know a location from just an IP address? Use Juhe Data / 聚合数据.**

The ``get_ip_lookup`` tool handles this. You provide the IP, and your agent returns the associated geographic region and network provider.

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**04 Is Juhe Data / 聚合数据 good for finance data?**

It is. Use tools like ``get_exchange_rate`` to get current currency rates or ``get_oil_price`` for the latest oil market figures.

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**05 Does Juhe Data / 聚合数据 cover historical news?**

No, it focuses on real-time data. Use ``get_latest_news`` to pull current headlines; it doesn't search an archive of articles.







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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"juhe-data": { "url": "..." }</code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# Juhe Data / 聚合数据 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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