

MCP SERVER

NO CODE

CLOUD HOSTED

Aliyun API Market MCP for AI Agents

Access diverse Chinese data services like identity verification and logistics tracking

The Aliyun API Market MCP gives your AI agent immediate access to thousands of professional data services across China. It lets you run OCR on documents, verify identities using ID cards, send SMS messages, track shipments from multiple carriers, and perform IP lookups—all through natural conversation.

A+ Quality Score 100/100

api-marketplace

data-services

ocr

sms-delivery

identity-verification

logistics-tracking



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.

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.

Aliyun API Market / 阿里云云市场 MCP

9 tools available

Cloud-hosted on Vinkius

Working with complex, multi-step operations in the Chinese market can be a nightmare of custom API calls and provider logins. This MCP solves that problem by connecting your AI client to the entire Aliyun API ecosystem. Instead of writing separate integration code for OCR, SMS delivery, or identity checks, you just talk to your agent. It handles orchestrating these services instantly.

Your agent can take an image, extract structured text from it using professional OCR, and then use that data to verify an ID card against official records. Need a customer verification code sent out? Your agent sends the SMS through authorized providers. This means you don't have to manage dozens of separate service credentials; your AI client treats them all like one unified interface for accurate results.

Connecting this MCP via Vinkius gives your entire team access to enterprise-grade data services—from checking bank card details to tracking complex logistics shipments—all without ever touching a line of integration code. It's about turning complicated back-end workflows into simple, conversational instructions.

Core Capabilities

01 — Extracting structured text from images

The agent processes an image (like an invoice or ID) and pulls out specific data points, presenting them in a clean, usable format.

03 — Sending SMS messages

The agent sends text alerts or verification codes directly through the market's authorized mobile providers.

02 — Verifying identity details

It checks provided ID cards and names against official records to confirm compliance status for KYC requirements.

04 — Tracking physical shipments

It retrieves real-time delivery histories and current statuses for express packages from multiple carriers.

05 — Checking bank card validity

The agent performs checks on provided bank card metadata to validate information quickly.

06 — Looking up IP address location data

It determines the geographic location associated with a given IP address.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/aliyun-api-market — connect your AI agent in three steps.

- 01 First, subscribe to this MCP and enter your specific Aliyun AppCode from the Aliyun Console.
- 02 Next, connect it to any compatible client (Claude, Cursor, etc.).
- 03 Finally, you query the services using natural language. Your agent automatically directs requests through the correct tools for data retrieval or action.

The bottom line is that once connected, your AI client handles all the API routing and credential management for you.

Built For

This MCP is built for technical roles—developers who need to prototype services, compliance officers needing automated checks, or logistics managers tracking high-volume deliveries. If your job involves cross-checking data from multiple external providers, this is what you need.

Compliance Officer

Uses the MCP to automate KYC and identity verification by querying ID card details without manual input.

Back-end Developer

Prototypes complex workflows, connecting data services like IP lookup and bank card checks into daily development routines.

Logistics Manager

Monitors delivery status and audits carrier performance by querying express tracking details in real time.

What Changes When You Connect

- 01 Automate compliance checks instantly. Instead of manually verifying IDs, the agent runs the `verify_id_card` tool to confirm names against official records.

-
- 02** Handle communication without switching apps. You can send confirmation codes or alerts using the `send_sms` tool directly through your AI client's natural conversation flow.
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- 03** Streamline data extraction from physical documents. Use `ocr_general` to read structured text from invoices or forms, which feeds directly into subsequent steps like querying weather conditions.
-
- 04** Consolidate tracking efforts. The agent uses `express_tracking` and other market APIs to give a single status update for packages from multiple carriers.
-
- 05** Speed up development prototyping. Developers can test complex data flows—like checking bank card details with `bank_card_check`—without needing full, dedicated backend integration.
-

Real-World Applications

Compliance audit requires verifying a new client's identity.

The agent receives an ID number and name. It uses the `verify_id_card` tool to check against official records, instantly confirming if the client passes KYC compliance before sales can proceed.

An employee needs to read data from a printed contract.

The employee uploads a photo of the contract. The agent uses `ocr_general` to extract all key figures and dates into structured text that can then be summarized or cross-referenced.

A customer needs a delivery status update for a package.

The agent accepts a tracking number. It runs `express_tracking`, retrieving the full history and current location of the shipment, giving the user an immediate, actionable reply.

A team needs to send bulk verification codes via SMS.

The agent is prompted to send a code. It uses the `send_sms` tool, ensuring reliable delivery through established market providers for mobile operations.

Patterns to Avoid

Trying to handle multi-provider data manually

X AVOID

Manually logging into a carrier portal for tracking, then opening a separate bank site to check card details, and finally using a different tool just for OCR. This takes 20 minutes of context switching.

✓ INSTEAD

Use your AI client to orchestrate the whole process. Ask it to 'Track this package and extract the invoice total.' It will use ``express_tracking`` and ``ocr_general`` in sequence, giving you one result.

Using only a single API for all services

X AVOID

Relying on a general-purpose data tool that can't distinguish between official ID verification and simple metadata lookup. Results are often inaccurate or incomplete.

✓ INSTEAD

Use the specialized tools available, like ``verify_id_card`` for compliance checks or ``ip_lookup`` for geographical context. Specificity yields accurate results.

Forgetting to check service credentials

X AVOID

Attempting to run a transaction (like mobile recharge) without the correct, active AppCode installed in the MCP connection.

✓ INSTEAD

Always ensure you have subscribed and entered your valid Aliyun AppCode. The ``call_market_api`` tool requires this authorization for successful execution.

The Right Fit

Use this MCP if your workflow involves combining multiple, distinct external services—for example, taking a picture (OCR), then verifying the identity on that image (`verify_id_card`), and finally sending a follow-up notification via SMS. This is an orchestration tool.

Don't use it if you only need one simple function, like just querying the weather or performing a basic IP lookup. For single tasks, a dedicated, lightweight connector might be simpler. However, when your goal is to make your AI client perform multi-step enterprise tasks (data capture + data validation + communication), this MCP's unified access is essential.

Aliyun API Market: Automating Complex Data Collection with Identity Verification

Think about the current process for onboarding a new client. You collect an ID photo, then you have to manually cross-reference that ID number and name against internal compliance databases or call external verification services. It's tedious copy-pasting between several tabs and waiting on multiple systems.

With this MCP, your agent handles the entire loop. You feed it the image, and it uses `ocr_general` to extract the raw text, then immediately passes that data into `verify_id_card`. The result is a clean pass/fail status delivered directly in your chat window.

Aliyun API Market: Managing Logistics and Tracking with Single-Source Data

Before this, getting an idea of where a shipment was meant opening the carrier's website, checking tracking numbers on one screen, then having to log into another system for customs data. It's fragmented and slow.

Now, you ask your agent for the status. It runs `express_tracking`, consolidating all the necessary information—from the sorting center history to the expected delivery date—and gives you a complete picture in one shot.

9 Tools in Aliyun API Market: Tracking, Verification & Data Services

These tools allow you to perform specific actions like verifying IDs, checking bank cards, or tracking shipments directly through your agent's natural language commands.

#	TOOL	DESCRIPTION
01	bank_card_check	Checks specific metadata and validity of a provided bank card number.
02	call_market_api	Allows the agent to call any general API endpoint within the entire Aliyun Market ecosystem.
03	express_tracking	Retrieves real-time tracking history and current location for a specific express shipment.
04	ip_lookup	Determines the geographic location details associated with an IP address string.
05	mobile_recharge	Initiates a mobile phone recharge using authorized market providers.
06	ocr_general	Recognizes and extracts structured text from various types of images, like documents or IDs.
07	query_weather	Retrieves current weather information based on a specified city name.
08	send_sms	Sends a text message (SMS) to a recipient using the market provider's authorized system.
09	verify_id_card	Performs mandatory verification checks on an ID card number and associated name against official records.

See It in Action

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

U I need to know what's wrong with this customer's card and if they are located near Shanghai.



Card Check Status:

- **Type:** Visa Debit
- **Last Four Digits:** 4242
- **Status:** Valid (Active)

Geographic Lookup:

Based on the associated IP address, the location is:

- **City:** Shanghai
- **Country:** China
- **Coordinates:** 31.23 N, 121.47 E

U Analyze this invoice photo and tell me what the total cost was.



OCR Data Extraction Complete:

I processed the image successfully. The key details are structured below:

FIELD	VALUE
Invoice Total	1,250.00 CNY
Date Issued	Oct 27, 2023
Line Items Count	4

The total cost was 1,250.00 CNY.

U Please verify this person's ID card and also send them a confirmation SMS.



✓ ID Verification Result:

- **Status:** Match
- **Details:** Name 'Zhang San', ID Number confirmed against official records.

🕒 Action Taken:

A verification code has been sent to the linked mobile number. You should receive a message shortly.

Frequently Asked Questions

01 How does Aliyun API Market help me manage compliance checks?

It automates identity and KYC verification. Instead of manually checking ID cards, your agent runs the `verify_id_card` tool to confirm if a person's name matches their official document record instantly.

02 Can I use this MCP for tracking packages from different carriers?

Yes. The MCP consolidates logistics data. By using the `express_tracking` tool, your agent pulls real-time status updates and history from multiple express shipping providers into one summary.

03 Does Aliyun API Market help me extract text from photos?

It does. The MCP includes OCR services that read structured data from images, like invoices or forms. It turns a picture into clean, usable text the agent can work with.

04 Is this good for my back-end development prototypes?

Absolutely. Developers use it to test complex workflows—like checking bank card details using `bank_card_check`—without building full API integration layers every time.

05 How do I send SMS messages reliably with this MCP?







The MCP connects you through authorized market providers. You simply ask your agent to 'send a code,' and it handles the reliable delivery of the SMS message for you.

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 <code>"aliyun-api-market": { "url": "..." }</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → 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

Aliyun API Market / 阿里云云市场 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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