

MCP SERVER

NO CODE

CLOUD HOSTED

Baidu Translate MCP for AI Agents

Global Localization and Language Detection for E-commerce Content

Baidu Translate / 百度翻译 provides access to China's leading machine translation service, allowing your AI agent to handle complex multilingual content management. You can automatically detect source languages and translate text between over 200 global languages—from e-commerce product titles to technical documentation—all through a single connection.

A+ Quality Score 100/100

machine-translation

nlp

language-detection

multilingual

text-processing

localization



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.

Baidu Translate / 百度翻译 MCP

10 tools available

Cloud-hosted on Vinkius

Managing content across dozens of markets is a nightmare if you rely on multiple translation portals or manual copy-pasting. Connecting Baidu Translate / 百度翻译 lets your agent handle this complexity naturally. Instead of switching between different localization services, your AI client treats cross-language tasks—like translating technical notes or updating product listings for the Chinese market—as part of a normal conversation.

Your agent can instantly translate text across over 200 languages and automatically detect the original language of any snippet you provide. This means whether you're doing global market research or localizing an entire website, your system acts like a real-time multilingual assistant. By routing this capability through Vinkius, you keep all your translation and language detection data flowing directly into your workflow without ever leaving your preferred AI environment.

Core Capabilities

01 — Detecting Source Language

Your agent identifies the original language of any text snippet instantly, regardless of how complex or mixed the input is.

03 — Full-Spectrum Language Conversion

The agent translates text between over 200 different languages, supporting global communication needs from one connection.

02 — Targeted Translation

You can translate content into specific languages, such as English to Chinese, Spanish, or Portuguese, using optimized workflows for common pairs.

04 — Checking API Health Status

You verify the current operational status of the Baidu Translate service to ensure continuous and reliable data processing.

One Click on Vinkius — From Prompt to Execution

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

- 01 First, subscribe to this MCP using your Vinkius account.
- 02 Next, enter your specific Baidu Translate App ID and Secret Key into the connection settings.
- 03 Finally, prompt your AI client (like Cursor or Claude) with text, instructing it to perform a translation or detect the language.

The bottom line is: you configure the keys once, and your agent handles all global translations through natural conversation prompts.

Built For

This MCP targets content creators, e-commerce managers, and developers who deal with international markets. If your job requires moving text between two or more languages frequently—especially involving Chinese—you need this connection.

E-commerce Manager

Translates product titles and descriptions for new global marketplaces, ensuring cultural accuracy before listing them.

Content Creator

Automates the localization of articles or social media posts destined for multiple international audiences in one batch process.

Developer / Integrator

Integrates professional machine translation capabilities directly into production Python agents without needing external API calls or management layers.

What Changes When You Connect

- 01 Automatic language detection instantly identifies the source language, saving you manual checks before starting a translation task.

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- 02 Using dedicated tools like `translate_en_to_zh` lets your agent handle common high-volume pairs (like English to Chinese) with optimized precision.

 - 03 You get consistent results across all markets because the AI agent routes every request through this single, authorized source in Vinkius.

 - 04 Need quick assurance? Use `check_baidu_status` to verify API connectivity and ensure your translation workflow never breaks down unexpectedly.

 - 05 The ability to translate into specific target languages like Portuguese or Spanish means you can manage content for multiple distinct regions simultaneously.
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Real-World Applications

Launching a Product in China

An e-commerce manager needs product listings translated from English into Chinese. Instead of exporting files and using an external portal, the agent uses `translate_en_to_zh` to update all descriptions directly within the workspace.

Technical Documentation Update

A developer has technical notes written in Mandarin that must be updated for the US team. The agent runs `translate_zh_to_en`, ensuring the complex terminology is handled correctly and consistently across all documents.

Global Market Research

A researcher collects a batch of international articles in various languages. The agent first runs `detect_language` on each one, then uses `translate_text` to pull out key findings into a standardized English report.

Multi-Regional Campaign Prep

A marketing team needs a single piece of copy translated into French, Spanish, and Portuguese. The agent cycles through `translate_to_french`, `translate_to_spanish`, and `translate_to_portuguese` to generate three localized versions instantly.

Patterns to Avoid

Treating translations as isolated tasks

X AVOID

Copy-pasting text into a third-party website, running the translation, then manually copying and pasting the result back into your main document.

✓ INSTEAD

Instead, let your AI client use `translate_text` to handle the conversion directly within your prompt. This keeps all data in one place, ensuring consistent context and format.

Assuming language pairs are always English-Chinese

X AVOID

Only using a specialized EN-ZH tool when you actually need to translate from Portuguese into Chinese.

✓ INSTEAD

Don't limit yourself. Use the general `translate_text` tool, or check for specific handlers like `translate_to_portuguese` if that is your primary target language.

The Right Fit

Use this MCP if your workflow requires translating content between multiple languages, especially when English and Mandarin are involved. The key benefit here is the ability to detect the source language first using `detect_language`, then execute the precise translation you need (like `translate_en_to_zh`). Don't use it if your primary need is simple data formatting or pure text summarization; for those, a standard NLP tool will suffice. You only need this level of translation depth when localization across distinct global markets is critical.

Baidu Translate / 百度翻译: Solving Global Localization Challenges with Baidu Translate

Right now, localizing content for international sale means manually juggling multiple tools and platforms. You copy a product description from English, paste it into one service to get Chinese,

With this MCP, your agent handles that entire process in one go. Give your agent a source document and tell it which target languages you need, like using `translate_en_to_zh`. You get

then you have to verify if the tone is right—it's clicking through five different tabs just to move text.

clean, localized results instantly delivered back into the conversation.

Baidu Translate / 百度翻译: Guaranteeing Multilingual Consistency with Baidu Translate

The biggest headache is inconsistency. If one person translates a technical term using an old method, and another uses a different tool, the terminology breaks across your site.

By integrating this MCP, you enforce consistency. Your agent uses a single source of truth for all translations, guaranteeing that whether it's translating from English to Spanish or Chinese to English, the quality remains high.

Baidu Translate: 10 Tools for Multilingual Text Processing

Use these tools to check the API status, identify source language, or perform specific translations between over 200 global languages.

#	TOOL	DESCRIPTION
01	<code>check_baidu_status</code>	Verifies the current operational status of the Baidu Translate API service.
02	<code>detect_language</code>	Identifies the source language of any provided text snippet.
03	<code>translate_en_to_zh</code>	Translates English text specifically into Chinese characters.
04	<code>translate_text</code>	Performs general text translation between various specified languages.
05	<code>translate_to_chinese</code>	Translates provided text to the Chinese language.
06	<code>translate_to_english</code>	Translates provided text into English.
07	<code>translate_to_french</code>	Translates provided text specifically into French.
08	<code>translate_to_portuguese</code>	Translates provided text specifically into Portuguese.
09	<code>translate_to_spanish</code>	Translates provided text specifically into Spanish.
10	<code>translate_zh_to_en</code>	Translates Chinese characters back into English text.

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 translate these five product titles into Spanish and French.



es Spanish Translation:

Smart Kettle: Hervidor Inteligente*

Wireless Charger: Cargador Inalámbrico*

Ergonomic Mouse: Ratón Ergonómico*

fr French Translation:

Bouilloire Connectée : Bouilloire intelligente*

Chargeur Sans Fil : Chargeur sans fil*

Souris Ergonomique : Souris ergonomique*

U What language is this text: '该接口支持秒级响应速度'?



Detected Language: Chinese (Simplified)

Translation to English: This interface supports second-level response speed.

This suggests a technical specification, which we can cross-reference with the API status if needed.

U Translate this passage from English into Japanese and check the overall Baidu Translate health.



✓ Status Check: API connectivity is nominal. Service is operational.

JP Japanese Translation: このインターフェースは、秒単位の応答速度をサポートしています。

(Kono intāfisu wa, byō-tan'i no ōtō sokudo o sapōto shite imasu.)

Frequently Asked Questions

01 How does the Baidu Translate MCP help with localization for my e-commerce site?

It handles translating product descriptions and titles into dozens of languages, including specialized pairings like English to Chinese. You feed it your source text, and your agent returns fully localized content ready for listing.

02 Do I need this if my content is mostly English and Spanish?

While you can use the general translation tools, connecting with Baidu Translate ensures access to 200+ languages. It's best for any operation that might touch non-Latin character sets or multiple regional markets.

03 What is the biggest advantage of using this MCP over a manual process?

The main benefit is consistency and workflow simplicity. Instead of jumping between portals, your agent manages everything—from detecting the source language to translating it—in one continuous conversation.

04 Can I use Baidu Translate for technical document translation?

Yes. The MCP provides specialized tools that handle complex pairings like Chinese to English, making it suitable for technical notes and developer documentation where precision is key.

05 Does connecting the Baidu Translate / 百度翻译 MCP improve my data flow in Vinkius?

Absolutely. You connect your preferred AI client once through Vinkius, giving you access to this translation capability alongside thousands of other tools without needing complex integrations.

06 What if the API service goes down? Can I still translate content?

You can check the status using ``check_baidu_status``. This tool verifies the live connectivity, letting you know immediately if there's a problem before your agent tries to process critical content.

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 `"baidu-translate": { "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

Baidu Translate / 百度翻译 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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