

MCP SERVER

NO CODE

CLOUD HOSTED

# Plivo MCP

Manage Calls, Messages, and Numbers with AI.

Plivo MCP lets your AI agent manage all aspects of cloud communications. Send SMS messages and make calls instantly, or audit usage by listing recent voice calls and retrieving detailed message history. It also helps you keep track of associated phone numbers and check pricing for various countries.

**A+** Quality Score 100/100

cloud-communications

sms-api

voice-api

telecom

call-logs

message-delivery



# 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

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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 — 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.

**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://vinkius.com) — connect your AI agent in under 60 seconds.

# Plivo MCP

10 tools available  
Cloud-hosted on Vinkius

Your AI client can handle complex telecommunications tasks using this MCP. Instead of logging into a technical console, your agent acts like an instant telecom operator, giving you control over messaging and voice services through natural conversation. You can ask it to list all your connected phone numbers or retrieve the status of a specific message delivery. Need to check usage? Your agent lists recent calls and retrieves call logs with details about duration and status. It even pulls detailed pricing information for different countries so you know exactly what you're spending. When you connect this MCP via Vinkius, your AI client gains access to robust communication intelligence, letting you manage everything from simple message sending to complex operational auditing.

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## Core Capabilities

### 01 — Sending messages

Your agent sends SMS texts and retrieves the full status and history of those messages.

### 03 — Checking phone numbers

The MCP lists and tracks every phone number connected to your account.

### 05 — Initiating calls

You start an outbound phone call directly through your AI client.

### 02 — Auditing calls

You list all recent voice calls and get metadata for each, including how long they lasted and their final status.

### 04 — Retrieving pricing data

Your agent retrieves specific billing details for messaging and voice services across different countries.

# One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP and provide your Plivo Auth ID and Auth Token.
- 02 Connect it to your preferred agent, like Claude or Cursor.
- 03 Ask your agent natural language questions—for example, 'list my phone numbers' or 'send an SMS to X'.

The bottom line is you get full control of your cloud communications without ever touching a technical dashboard.

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## Built For

This MCP is essential for Operations Managers who need real-time communication oversight, Customer Success Teams that verify message delivery status, and Developers needing to perform rapid communication audits.

### Operations Manager

Monitoring overall usage patterns and sending quick SMS alerts straight from a workflow.

### Customer Success Team Lead

Auditing call logs or checking message delivery status without needing to manually log into the communication platform's dashboard.

### Developer

Running rapid audits of project configurations, like listing configured Plivo applications, and testing messaging pipelines using plain language prompts.

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## What Changes When You Connect

- 01 Instant status updates on messages. Instead of checking a complicated dashboard, you ask your agent to list recent SMS messages or get details for a specific message, knowing its delivery status immediately.

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- 02 Deep call auditing capability. You can list all recent voice calls and pull metadata like duration and status with one simple command, making compliance checks fast and painless.

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  - 03 Never lose track of numbers again. The MCP lists every phone number associated with your account, letting you monitor them from a central place without digging through settings menus.

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  - 04 Cost transparency. Need to know the cost? Your agent retrieves detailed pricing information for messaging and voice services across various countries, helping you budget accurately.

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  - 05 Automation power. You can trigger actions like sending an SMS or making a call directly via your AI client, removing manual steps from your communication process.
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## Real-World Applications

### Verifying Campaign Delivery

A marketing manager needs to confirm if 50 promotional texts went out and were successfully delivered. They ask their agent to list recent SMS messages, which pulls the status for each one, proving delivery success without manual data export.

### Onboarding New Regions

A business owner expands into Mexico and needs pricing data. They prompt the agent to list pricing for a country, instantly getting cost insights for both messaging and voice services before committing resources.

### Debugging a Voice Issue

A support engineer notices a customer complaint about a dropped call. The agent is asked to get details for a specific call using its ID, which immediately reveals the call's metadata and status, solving the issue quickly.

### Security Audit Prep

An operations manager must report on all active communication channels. The agent lists configured Plivo applications, providing an immediate inventory of the logic governing your outgoing communications.

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# Patterns to Avoid

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## Manual Dashboard Hunting

### ✗ AVOID

A user has to navigate through multiple tabs and filter date ranges on the platform's web dashboard just to see if a call was successful.

### ✓ INSTEAD

Tell your agent to list calls, or use `get_call` with the ID. This instantly retrieves the necessary metadata without any clicking.

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## Guessing Phone Numbers

### ✗ AVOID

A new team member is unsure if a number they are supposed to send an alert to is active and correct.

### ✓ INSTEAD

Use `list_phone_numbers`. This tool shows all connected numbers, letting you confirm the right one before sending any messages.

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## Repeating API Calls

### ✗ AVOID

The user has to write and run separate code blocks every time they need to check message history or call logs.

### ✓ INSTEAD

Just ask your agent. It can `list_messages`, `list_calls`, and even `get_account` details in a single conversation thread.

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## The Right Fit

Use this MCP if you need your AI client to act as a hands-on telecom operator—meaning you require active querying of logs, status checks, or simple outbound actions. It's perfect for teams that rely on immediate data access like confirming message delivery or checking call duration.

Don't use it if your only goal is general business intelligence or long-term data warehousing; those tasks belong with dedicated database connectors. If you are primarily building complex pipelines that require continuous streaming of metrics, another specialized web integration might fit better. But for direct, actionable communication oversight, this MCP provides the necessary tools.

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## Checking Communication History is a Pain Point.

Right now, checking message and call history means jumping between multiple dashboards. You have to manually filter by date range, find the correct user ID, and then copy-paste details into a spreadsheet just to see if everything went through correctly. It's slow and error-prone.

With this MCP, you simply ask your agent what happened. The agent handles the complexity, retrieving detailed call logs or listing recent SMS messages instantly. You get actionable data without ever leaving your chat interface.

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## Get Real-Time Communication Intelligence with Plivo MCP

You eliminate repetitive tasks like checking if a number is active or confirming pricing for different regions. Instead of running separate queries, you ask the agent to list phone numbers and check calling rates simultaneously.

What's different now is control. You aren't limited by a platform's UI; your AI client uses this MCP to give you direct operational oversight into every message sent and call made.

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# Plivo Alternative with 10 Tools

These tools give your AI client direct access to every function needed for telecom management, from checking accounts to sending texts.

#	TOOL	DESCRIPTION
01	<code>get_account</code>	Retrieves the core details for your Plivo account.
02	<code>get_call</code>	Pulls specific data points for a single, chosen call.
03	<code>get_message</code>	Retrieves detailed information about one specific text message.
04	<code>list_applications</code>	Shows you all the communication applications currently set up in your account.
05	<code>list_calls</code>	List recent voice calls
06	<code>list_messages</code>	List recent SMS messages
07	<code>list_phone_numbers</code>	List Plivo phone numbers
08	<code>list_pricing</code>	Get pricing for a country
09	<code>make_call</code>	Start an outbound call
10	<code>send_sms</code>	Send an SMS message

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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** List all my Plivo phone numbers.



I've retrieved your phone numbers. You have 2 active numbers: '+1 234 567 890' and '+44 987 654 321'. Both are active and configured for voice and SMS.

**U** Send SMS 'Your appointment is confirmed' to +15550123.



Message sent! I've successfully delivered your confirmation to +15550123 using your Plivo number. The message UUID is xxxxxxxx.

**U** What is the SMS pricing for Brazil?



I've retrieved the pricing for Brazil (BR). Outbound SMS is \$0.05 per message, and inbound is free for mobile numbers. Would you like the voice rates as well?

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## Frequently Asked Questions

### 01 How do I check the status of a single SMS using Plivo MCP?

You use `get_message`. Simply provide the specific message ID, and the agent retrieves detailed information on that message's current delivery status.

### 02 Does Plivo MCP help me make outgoing calls?

Yes, you can start an outbound call directly using `make_call`. Your agent initiates the connection through your AI client for immediate communication.

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**03 What types of data can I retrieve with list\_calls in Plivo MCP?**

list\_calls provides a summary of recent voice calls, including critical metadata like the call's duration and its final status.

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**04 Can I check pricing for multiple countries using Plivo MCP?**

Yes, you use list\_pricing. You just need to specify the country code or region to get detailed cost breakdowns for messaging and voice services.

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**05 Is this MCP only for SMS messages?**

No. While it handles texting using send\_sms and list\_messages, it also manages full voice communication features like making calls and auditing call logs.

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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



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 `"plivo-alternative": { "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

## Plivo 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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### DOCUMENT INFORMATION

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