

MCP SERVER

NO CODE

CLOUD HOSTED

Twilio SMS Sender MCP

Send critical alerts straight to any mobile phone.

Twilio SMS Sender provides a zero-bloat way to send raw text messages directly from your AI agent using Twilio credentials. It's designed for critical, out-of-band alerting when standard internet-dependent chat apps fail or are unavailable. This MCP lets you drop urgent notifications straight to any mobile phone.

A+ Quality Score 100/100

sms-alerts

notifications

out-of-band

messaging

real-time-alerts



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.

Twilio SMS Sender MCP

1 tools available

Cloud-hosted on Vinkius

This MCP gives your agent one job: sending SMS text messages. Nothing more, nothing less. You don't get a massive suite of communication tools here; you just get the ability to send reliable alerts directly to cell phones via Twilio. This is invaluable when standard chat apps go down or network connectivity gets spotty.

It means your agent can drop critical 'wake-up' notifications or customer updates straight outside of the usual digital channels. Because it only sends text, you don't need complex setup, massive SDKs, or webhook handlers. You just provide the necessary Twilio Account SID and Auth Token.

Through Vinkius, your agent gains immediate access to this capability, allowing it to bypass internet-dependent chat platforms entirely. It's the purest, safest way to give an AI system reliable messaging superpowers without giving it any ability to read incoming messages or answer calls.

Core Capabilities

01 — Send emergency alerts

Your agent can immediately text a phone number with critical information when other communication methods are down.

02 — Dispatch customer notifications

02 — Dispatch customer notifications

You can automate sending status updates or confirmation messages directly to a user's mobile device.

The system guarantees delivery of simple text messages, bypassing dependencies on chat application APIs or internet stability.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/twilio-sms-sender — connect your AI agent in three steps.

- 01 You configure your AI client with the necessary Twilio credentials (Account SID and Auth Token).
- 02 Your agent invokes the `send_twilio_sms` tool, providing a target phone number in E.164 format and the text body.
- 03 The MCP sends the SMS request to Twilio, confirming successful dispatch of the alert.

The bottom line is that your AI client uses this MCP as a single point of access to reliable, carrier-level messaging.

Built For

This is for anyone who runs systems where failure means lost time or missed critical alerts. Think operations engineers, incident response teams, and support managers—people who need a simple, guaranteed way to get information out when the primary channels fail.

Site Reliability Engineer

Needs to trigger an immediate SMS alert to the on-call team via their personal phones when monitoring dashboards go dark or critical services fail.

Customer Support Manager

Requires the agent to send confirmation texts or status updates directly to a client's phone number instead of relying only on chat transcripts.

Incident Response Coordinator

Must ensure that highly time-sensitive alerts bypass email and internal messaging systems, reaching personnel via SMS immediately.

What Changes When You Connect

- 01 **Guaranteed Delivery:** When Slack or corporate messaging services are down, the `send_twilio_sms` tool ensures your alert still gets through via standard SMS channels. This means reliable communication when it matters most.

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- 02 Zero Overhead Integration: You don't need to manage complex routing logic or bulky SDKs. This MCP provides a simple bridge, requiring only basic Twilio credentials for immediate use.

 - 03 Maximum Security: Because this tool is limited purely to sending, your agent cannot read incoming messages or alter account settings. It's the safest way to gain SMS capabilities.

 - 04 Out-of-Band Alerting: Use it when you need communication to bypass internet dependency entirely—perfect for remote operations or disaster recovery scenarios where internal networks are compromised.

 - 05 Simple Automation: Your agent can integrate this capability into existing workflows, triggering a text alert simply by calling `send_twilio_sms` with the target number and message.
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Real-World Applications

Database connection failure

The Ops Engineer notices the main dashboard is unresponsive. Instead of manually emailing the team, they ask their agent to call `send_twilio_sms` with the group contact number and a detailed error message. The team gets an instant phone alert, bypassing potential email bottlenecks.

System maintenance window

The Development team needs to notify multiple on-call engineers about an emergency patch. They prompt their agent, which then calls `send_twilio_sms` repeatedly for each person's number, ensuring everyone gets the alert regardless of whether internal chat is functioning.

Client onboarding confirmation

The Support Manager processes a new account signup. Rather than making them wait for a follow-up email that might get lost, they instruct their agent to send a welcome text using `send_twilio_sms`, confirming the details instantly.

High-priority transaction confirmation

A financial service completes a high-value transfer. Instead of relying on the user to check their email later, the agent uses `send_twilio_sms` to immediately text the client's phone number with the transaction ID and completion status.

Patterns to Avoid

Assuming chat apps will work

X AVOID

The engineer tries to send a critical alert via Slack or Teams, only for those services to go down due to an outage. The message is stuck and nobody knows if it was received.

✓ INSTEAD

Don't rely on internal messaging. Use the `send_twilio_sms` tool instead. It sends text messages directly through Twilio, ensuring the alert bypasses chat platform failures entirely.

Building a full communication hub

X AVOID

Trying to build an MCP that handles voice calls, video streams, and complex routing logic—a massive, fragile system with too many failure points.

✓ INSTEAD

Stick to the core function. Use this MCP because it is surgical: it *only* sends SMS text messages via `send_twilio_sms`. Its limitation is its greatest strength.

Using a general API wrapper

X AVOID

Implementing generic code that assumes connectivity and authentication for various services, leading to unnecessary complexity.

✓ INSTEAD

Connect your agent directly using this MCP. It provides the minimal, zero-trust bridge needed just to send texts via `send_twilio_sms`.

The Right Fit

Use this MCP if your primary requirement is simple, reliable text notification that must survive internal network failures or chat service outages. Think of it as a guaranteed emergency broadcast system for your agent.

Do NOT use this if you need to read incoming messages, answer calls, process video payloads, or manage complex multi-step message routing (like 'if the user replies X, then do Y'). For those tasks, look at dedicated messaging platform integrations. This MCP is strictly a one-way outbound sender for text only.

The Problem with Relying on Internal Chat Channels

Today, when something breaks—a database connection fails, or a service goes down—the manual process involves logging into three different dashboards. Then you have to copy the error code from one screen, open Slack, find the right channel, and paste it in. If that chat app is slow, or if your team is sleeping across time zones, nothing gets noticed until hours later.

With this MCP, the process changes entirely. Your agent intercepts the failure event and calls `send_twilio_sms`. The error message goes straight to the on-call engineer's personal phone via SMS. You get instant notification without relying on any internal app status or network stability.

Using `send_twilio_sms`: Guaranteed Alerting

The manual steps that disappear are the need to check multiple platforms for confirmation, the copy-pasting of error logs into text fields, and waiting for a human to manually acknowledge the alert in Slack. All that friction vanishes.

You get reliable communication. It's simple, direct, and it works when everything else fails.

Twilio SMS Sender with 1 Tool

You can use this tool to send raw text messages from your AI agent to any mobile phone number using Twilio.

#	TOOL	DESCRIPTION
01	<code>send_twilio_sms</code>	Sends a plain text message to a specified mobile phone number using Twilio's API.

See It in Action

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

U Send an SMS to +1234567890 saying the servers are down.



I've successfully dispatched the SMS alert via Twilio.

Frequently Asked Questions

01 Can I use Twilio SMS Sender for high-volume marketing campaigns?

While you can send many messages, this MCP is designed for alerts and notifications. For large-scale, complex marketing flows, specialized CRM tools are better suited.

02 Does the Twilio SMS Sender MCP handle incoming replies?

No, it only sends messages. The agent cannot read incoming texts or reply to user responses; it's a purely outbound sending tool for safety and simplicity.

03 What format must I use for the phone number with `send_twilio_sms`?

You must provide the destination phone number in E.164 format (e.g., +1234567890). Using this specific international format ensures Twilio processes the number correctly.

04 Is this MCP secure enough for sensitive alerts?







Yes. Its security comes from its limitation: it can only send, meaning your agent cannot access or modify your core account settings within Twilio.

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>"twilio-sms-sender": { "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

Twilio SMS Sender 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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