

MCP SERVER

NO CODE

CLOUD HOSTED

# AT&T Messaging MCP for AI Agents

## Manage Bulk SMS and MMS Campaign Dispatch

AT&T Messaging MCP lets your AI agent send and manage all SMS/MMS communication directly through AT&T's API. Handle transactional alerts, run large-scale campaigns, track delivery status in real time, and process inbound customer replies—all from a single chat window.

**A+** Quality Score 100/100

cpaas

sms-api

mms-messaging

transactional-alerts

shortcode

bulk-messaging



# 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 — 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.

# AT&T Messaging MCP

9 tools available

Cloud-hosted on Vinkius

You can take full control of your text messaging workflows using this MCP. Instead of logging into the AT&T console or switching between multiple platforms, your AI agent manages every step conversationally.

Need to alert customers about an order change? Send a simple SMS notification instantly. Want to run a massive promotion? Broadcast a message to hundreds of people while tracking which ones actually got it. The system handles everything from sending the initial text using a registered shortcode to managing the entire campaign lifecycle, including provisioning new numbers and monitoring how recipients reply.

It's also great for customer service. Your agent retrieves incoming messages—like replies or opt-out requests—so you never miss an alert. This capability means your AI client becomes the single command center for all things texting. Because Vinkius hosts this MCP, you connect once to access powerful messaging tools that were previously locked behind complex dashboards.

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## Core Capabilities

### 01 — Send single and bulk SMS alerts

Dispatch individual or mass text messages (SMS) for everything from two-factor authentication codes to marketing announcements.

### 03 — Manage campaign numbers

Provision new shortcodes with associated keywords or decommission old ones when a marketing campaign ends.

### 02 — Dispatch rich MMS content

Send multimedia messages that include images, videos, or audio attachments for richer campaigns and visual alerts.

### 04 — Monitor message flow

Check the real-time delivery status of any sent message, confirming if it was delivered, failed, or read.

**05 — Process customer replies and logs**

Retrieve inbound messages from customers, including keyword-triggered auto-responses and opt-out commands.

# One Click on Vinkius — From Prompt to Execution

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

- 01 Start by connecting your AT&T Messaging API Key and Secret to this MCP via your AI client.
- 02 Tell your agent the task: 'Send a bulk SMS campaign for the new product launch.'
- 03 Your agent executes the required steps, sending messages while reporting back real-time status updates, like job IDs or delivery confirmations.

The bottom line is you manage all messaging campaigns and alerts through natural chat commands, eliminating manual dashboard switching.

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## Built For

Marketing teams need this for running large-scale campaigns. DevOps engineers use it to trigger mass system alerts or track delivery rates after an incident. Customer support relies on it to review customer replies and process service requests automatically.

### Marketing Manager

Runs seasonal SMS/MMS campaigns, manages shortcodes for different brands, and monitors keyword engagement.

### DevOps Engineer

Triggers mass alert broadcasts (e.g., system downtime notices) and audits delivery rates following an outage.

### Customer Support Lead

Reviews incoming customer messages, processes STOP/START requests, and sends automated order status updates.

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## What Changes When You Connect

- 01 Audit messaging history using `list_messages` to provide full compliance records with timestamps, directions, and content.

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- 02 Keep customers engaged by reviewing replies and opt-outs via `get_inbound_messages` , ensuring your automated responses are accurate.

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  - 03 Run massive promotional blasts efficiently. Use `send_bulk_sms` to send alerts to hundreds of numbers in a single request while tracking individual delivery status.

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  - 04 Improve rich marketing campaigns by using `send_mms` to include images or videos, moving beyond plain text alerts.

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  - 05 Control your messaging infrastructure by creating new campaign shortcodes with `create_shortcode` , or decommissioning old ones with `delete_shortcode` .
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## Real-World Applications

### Handling a sudden system outage

The DevOps engineer asks the agent to send an immediate alert. The agent uses `send_bulk_sms` to blast a message to all key personnel, and then immediately uses `get_message_status` to confirm that 95% of recipients received the warning.

### Processing customer replies and complaints

A support agent asks the system to check recent activity. The agent calls `get_inbound_messages` , retrieving a complaint message, which confirms the customer replied using a specific keyword match.

### Launching a new marketing campaign

The Marketing Manager wants to test a new keyword. The agent first runs `create_shortcode` to provision the number, then uses `get_keyword_responses` to ensure the auto-reply logic is correctly set up for opt-in flow.

### Auditing compliance records

The Compliance Officer needs proof of all communications last quarter. They ask the agent to use `list_messages` to pull a full log with necessary timestamps and content snippets for an audit report.

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# Patterns to Avoid

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## Using manual API calls

### X AVOID

Manually calling multiple APIs or switching between the AT&T dashboard and your CRM to send a message, track its status, and then log the reply.

### ✓ INSTEAD

Let your agent handle it. Use `send_sms` for transactional alerts, then immediately use `get_message_status` to confirm delivery, all within one conversation.

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## Forgetting opt-out procedures

### X AVOID

Sending a promotional message to a number that has previously sent the 'STOP' keyword and hasn't been flagged.

### ✓ INSTEAD

Use `get_inbound_messages` first. This confirms if the customer reply included an opt-out command, preventing non-compliant messaging.

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## Sending mixed media campaigns

### X AVOID

Trying to send a high-res product image alert using only standard SMS text fields.

### ✓ INSTEAD

Use `send_mms` instead. This function allows you to attach rich media, ensuring your visual alerts look professional and reach the recipient correctly.

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## The Right Fit

You should use this MCP if your messaging needs involve complex workflows—like running bulk campaigns or requiring immediate delivery status updates. It's perfect for systems that need to manage both proactive (sending) and reactive (receiving/auditing) communication. Don't use it if you only send a single, isolated text message once a month; simpler direct integrations might suffice. However, if your job requires managing shortcodes or handling automated keyword replies, this is the right choice because it gives you granular control over the entire messaging lifecycle. If all you need is basic logging without campaign management, you could use a more limited history tool, but for true enterprise communication, stick with this MCP.

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## AT&T Messaging: Managing Shortcode Provisioning and Keyword Campaigns

Before, setting up a new marketing campaign required filing tickets or logging into separate dashboards to provision a shortcode. You'd have to manually define the associated keywords and then test the auto-reply logic for opt-in/opt-out flows. It was slow and prone to human error.

Now, your agent provisions the number and handles it all in conversation. With `create_shortcode`, you establish the campaign gateway instantly, defining both the shortcode and its associated keywords. You then verify the entire flow by checking configured auto-replies with `get_keyword_responses`.

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## AT&T Messaging: Tracking Real-Time Campaign Delivery Status

Tracking message delivery used to be guesswork. You'd send a blast, wait hours, and then check the dashboard hoping the status was 'Delivered.' Debugging failed sends meant digging through cryptic error logs.

Now, you get real-time confirmation. After using `send_bulk_sms` for mass alerts, your agent tracks performance by providing per-recipient status arrays in a single response. You know exactly which numbers received the alert and which ones failed.

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## 9 Tools for AT&T Messaging Campaigns & Alerts

Use these tools to manage shortcodes, send messages of all types (SMS/MMS), check history, and track delivery status across your entire messaging workflow.

#	TOOL	DESCRIPTION
01	<code>create_shortcode</code>	Provisions a new messaging shortcode with an associated keyword for running marketing campaigns or service alerts.
02	<code>delete_shortcode</code>	Decommissions a messaging shortcode when retiring a campaign or transferring numbers to a different service.
03	<code>get_inbound_messages</code>	Retrieves recent SMS/MMS messages from customers, showing the sender number and the keyword matched.
04	<code>get_keyword_responses</code>	Reviews your configured auto-reply logic for shortcode keywords to verify opt-in or opt-out flows.
05	<code>get_message_status</code>	Checks the delivery status of a specific message, useful for tracking campaign performance or debugging failed sends.
06	<code>list_messages</code>	Lists historical outbound and inbound messages, providing timestamps, senders, recipients, and content snippets for auditing.
07	<code>send_bulk_sms</code>	Sends SMS to a large list of multiple recipients in one request, returning job IDs and per-recipient status.
08	<code>send_mms</code>	Sends an MMS message that includes a media attachment, requiring sender ID, recipient number, text, and media URL.
09	<code>send_sms</code>	Sends a single SMS message to a specific phone number using a defined sender ID for transactional alerts or OTPs.

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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** Send out a 'Sale starts now!' SMS to all users who haven't logged in this week.



### Bulk SMS Campaign Status

- **Job ID:** bulk-9f3d2b
- **Recipients Targeted:** 450
- **Status Summary:** Launched successfully.
- \* +12125551001 : Delivered (Timestamp: 2026-06-12 10:01 AM)
- \* +12125551003 : Failed (Reason: Invalid Number)
- \* +12125551004 : Delivered (Timestamp: 2026-06-12 10:02 AM)

**U** Check my recent customer messages. Did anyone send 'STOP' or reply to the last alert?



I pulled the last 50 inbound messages:

- **+13105554567:** Sent 'STOP' (Opt-out detected) at 14:32 UTC. Status: Added to suppression list.
- **+18005551234:** Replied 'YES, I want more info.' This was a keyword match for your sales flow.
- **+17779998888:** Sent message body: 'Where is my order?' (Unmatched query)

**U** I need to send a visual alert about the new product launch. Can I attach an image?



### MMS Send Request

The message was sent successfully using your configured sender ID.

- **Message Type:** MMS (Image/Video)
- **Recipient:** +12125559999
- **Content:** 'Check out our new gear!' (Attached image: product\_x.jpg)
- **Delivery Status:** Delivered. The rich media asset was successfully received.

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# Frequently Asked Questions

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**01 How can I use AT&T Messaging to send alerts when my system has an issue?**

You can trigger mass, immediate alerts using the AI agent. By leveraging bulk sending tools, you ensure every relevant employee or customer gets the alert simultaneously and get confirmation on who received it.

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**02 Can I use AT&T Messaging to manage my marketing keywords?**

Yes. You can provision new shortcodes for different campaigns and check existing keyword responses using the agent, making sure your opt-in/opt-out flows are perfect before launch.

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**03 What if a customer replies to my campaign message? How do I see it?**

The AI agent retrieves all inbound messages for you. It pulls the sender, the message body, and notes whether the reply was related to a specific keyword or just general conversation.

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**04 Does AT&T Messaging help me track if my texts actually got delivered?**

Absolutely. After sending any message—whether one-off or bulk—the agent checks the delivery status, giving you real-time confirmation on whether it was sent, failed, or successfully delivered.

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**05 What is the best way to audit my messaging communications?**

The MCP allows you to list message history. You can pull comprehensive logs of all outbound and inbound messages with detailed timestamps for compliance reporting.







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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>"att-messaging": { "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

# AT&T Messaging 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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