

MCP SERVER

NO CODE

CLOUD HOSTED

# BulkSMS MCP for AI Agents

Manage global SMS campaigns and track delivery status by conversation

BulkSMS MCP gives your AI agents total command over global SMS communications. Send single alerts or massive promotional campaigns, list entire contact groups, and monitor delivery status—all through conversation. Get real-time credit balances and detailed message logs without leaving your chat window.

**F** Quality Score 7.21/100

sms-messaging

bulk-messaging

notification-service

customer-engagement

delivery-tracking



# 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.

# BulkSMS MCP

8 tools available

Cloud-hosted on Vinkius

Need to manage high-volume messaging but hate logging into a separate portal? This MCP connects your global SMS operations directly to your AI agents. You can send anything from quick verification codes to multi-stage marketing blasts, all by talking to your agent.

Imagine needing to notify 50 clients that their package tracking number changed. Instead of copy-pasting numbers into a dashboard and hitting 'send' fifty times, you just tell your AI client what needs to happen. It handles the message dispatch, targets the right contacts from your existing groups, and tracks every single delivery status.

When your agent runs this MCP through Vinkius, it doesn't just send messages; it manages the entire lifecycle of communication. You can check if you have enough credits using natural language, view detailed logs for specific message IDs, or even pull a list of all contacts within a predefined group—all while staying in your workflow tool.

It turns complex, multi-step manual processes into simple conversational commands.

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## Core Capabilities

### 01 — Sending Single and Bulk Alerts

Send one-off messages or massive batches of SMS texts to any international number.

### 03 — Listing Contact Groups

See all defined contact groups available in your BulkSMS account.

### 02 — Checking Account Status

Retrieve your current credit balance and overall account profile information instantly.

### 04 — Retrieving Group Memberships

Get a list of specific contacts belonging to any designated group.

**05 — Monitoring Message Delivery**

List all messages sent and retrieve detailed metadata, including the delivery status for each one.

# One Click on Vinkius — From Prompt to Execution

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

- 01** Subscribe to this MCP within Vinkius and provide your BulkSMS.com username and password credentials.
- 02** Your AI client connects using these credentials, authorizing it to manage your SMS campaigns through natural conversation.
- 03** You simply tell your agent what you need—like 'Send a reminder alert to the VIP group' or 'Check my remaining credits.' The MCP executes the action immediately.

The bottom line is: managing global SMS communications becomes as simple as asking questions in plain English, without needing any manual portal logins.

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## Built For

This MCP is built for operations managers and marketing teams who rely on mass communication but hate the friction of switching between tools. It's perfect for support desks that need to send quick, verified updates or automated alerts without a dedicated platform.

### Marketing Manager

Needs to quickly deploy promotional blasts to segmented customer groups and monitor which campaigns hit their delivery targets.

### Operations Director

Must track message delivery logs after an incident, confirming if critical updates reached the right users promptly.

### Support Agent Lead

Handles high-volume requests for verification codes or account status updates by sending one-off SMS messages directly from their ticketing workflow tool.

## What Changes When You Connect

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- 01 Send bulk messages instantly. Instead of manually entering dozens of numbers, just tell your agent to 'blast the VIP group,' and it handles the entire send job using `send_bulk_sms`.

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  - 02 Stop guessing about credits. Use the `get_profile` tool to pull your real-time credit balance whenever you need to know if a campaign is feasible.

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  - 03 Know exactly what happened after sending. You can use `list_messages` and then ask for specific details with `get_message` to track delivery status per message ID.

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  - 04 Avoid manual contact list management. Use `list_groups` followed by `list_group_members` to pull accurate lists of contacts for any campaign segment.

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  - 05 Simplify operations oversight. Get core account health checks and information using the dedicated `get_account_info` tool, keeping your focus on messaging, not dashboards.
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## Real-World Applications

### Automating Appointment Reminders

A support lead needs to send a reminder SMS to 20 clients who missed their appointment. They tell their agent: 'Send the confirmation message to all members of the 'Missed Appt' group.' The MCP uses ``send_bulk_sms`` and ``list_group_members``, ensuring every contact gets the alert automatically.

### Verifying Contact Lists

An operations analyst needs a list of contacts for an old client segment. They prompt the agent to 'List everyone in the legacy clients group.' The MCP runs ``list_group_members``, giving them the precise, actionable list they need without manual lookups.

### Post-Campaign Audit

A marketing manager needs to confirm if a specific promotion hit its target. They ask the agent to 'Show me all messages sent yesterday and check their delivery status.' The MCP uses ``list_messages`` and then ``get_message``, providing immediate, auditable results.

### Quick Error Resolution

A support team member gets a report that one critical message failed. They ask: 'What's wrong with message ID msg-987?' The MCP immediately uses ``get_message`` to pull the detailed failure metadata, allowing them to fix the issue in seconds.

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## Patterns to Avoid

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### Treating SMS like email

#### X AVOID

Trying to draft a complex HTML marketing brochure and send it through your agent. Expecting rich formatting or attachments.

#### ✓ INSTEAD

Remember this MCP is strictly for text-based communication. If you need richer formats, use an email service connector instead of relying on ``send_sms`` or ``send_bulk_sms``.

### Overlooking group segmentation

#### X AVOID

Manually trying to remember every single contact number for a campaign and pasting them into the chat prompt.

#### ✓ INSTEAD

Always start by using ``list_groups`` and then ``list_group_members``. This ensures you pull accurate, up-to-date lists of contacts without missing anyone.

### Ignoring credit checks

#### X AVOID

Asking the agent to send a huge batch of messages when your account is running low on credits.

#### ✓ INSTEAD

Always run ``get_profile`` first. This check confirms you have enough balance before initiating any major bulk communication job.

## The Right Fit

Use this MCP if your primary need involves high-volume, text-based customer alerts or marketing blasts across international numbers. It excels when you need to automate repetitive actions like sending verification codes or running segmented campaigns based on contact groups. However, don't use it if you require rich media messaging (images, PDFs) or complex two-way chat interactions; those fall under dedicated messenger platform connectors. If your process involves managing ticketing data or CRM records, you should look at a different specialized MCP instead.

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## BulkSMS MCP for AI Agents: Streamlining Global Messaging Campaigns

Currently, running an SMS campaign means juggling multiple tabs: logging into the BulkSMS portal to pull contact lists, drafting the message copy in a separate editor, and then manually initiating the send job. This constant context switching is slow and error-prone, especially when you need to monitor delivery rates for dozens of recipients.

With this MCP, the whole process stays inside your chat window. You simply tell your agent which group needs the alert, what the message says, and how many credits you have left. The AI handles the contact fetching ( `list_group_members` ), the sending ( `send_bulk_sms` ), and confirms everything worked—all in one conversational flow.

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## BulkSMS MCP for AI Agents: Monitoring Account Health and Contacts

If you're managing communications, knowing who you're talking to is half the battle. Today, if a contact list changes or a group needs updating, you have to click through multiple sections of the web portal just to see membership details.

Now, you can ask your agent directly: 'List all contacts in the marketing team group.' The MCP uses `list_group_members` and provides that accurate data immediately. You get reliable contact intelligence without touching a dashboard.

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## 8 Tools in the BulkSMS MCP: SMS Sending & Group Management

Use these functions to send messages, manage contact lists, check account details, and audit your entire message history through natural language prompts.

#	TOOL	DESCRIPTION
01	<code>get_message</code>	Retrieves full details and metadata for a specific message ID you provide.
02	<code>get_profile</code>	Pulls your account profile data, including the real-time credit balance.
03	<code>get_account_info</code>	Retrieves fundamental core information about your BulkSMS account setup.
04	<code>list_group_members</code>	Lists all individual contacts belonging to a specified contact group name.
05	<code>list_groups</code>	Provides an overview and list of all the customer groups you have set up.
06	<code>list_messages</code>	Fetches a paginated list of messages that have been sent through your account.
07	<code>send_bulk_sms</code>	Sends multiple SMS messages to several recipients at once, ideal for campaigns.
08	<code>send_sms</code>	Dispatches a single, immediate SMS message to one specific phone number.

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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** What are my current credits, and how many people are in the 'Priority' group?

**Account Status:**

- **Credits Remaining:** 120.50 units
- **Last Check:** Moments ago

**Group Members:**

The 'Priority' group has 34 active members, including: John Doe (+123-...) and Jane Smith (+987-...).

**U** Send a message saying our annual report is ready to the contacts in the sales team.

**SMS Sent Successfully**

- **Message:** Annual Report link attached.
- **Recipients:** 15 unique numbers.
- **Status:** All 15 messages queued for delivery. Message ID: msg\_XYZ789.

**U** Show me the details for message msg-442 and check my profile again.

**Message Details (msg-442):**

- **Status:** Delivered.
- **To:** +15559001111
- **Sent At:** 2026-06-12 10:30 AM UTC

**Account Check:** You currently have **98.75 credits** remaining.

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# Frequently Asked Questions

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**01 How do I use the BulkSMS MCP to send mass alerts?**

You simply tell your agent who needs the message and what it says, like 'Send a reminder to all users in the Support group.' The MCP handles grouping and bulk dispatching so you don't have to copy numbers manually.

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**02 Can I use BulkSMS MCP if my contacts are organized into groups?**

Yes, absolutely. You can ask the agent to list any of your predefined contact groups or pull a full roster of members from that group for a targeted campaign.

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**03 Does this MCP help me track which messages actually got delivered?**

It does. After sending, you can ask the agent to check the delivery status using `list\_messages` and get specific details on any message ID that might have failed.

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**04 What if I need to send a single verification code? Is BulkSMS MCP good for that?**

Yes. For quick, one-off alerts or codes, you can prompt the agent to use the `send\_sms` tool directly with just the recipient number and message text.

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**05 How do I know if my account has enough credits before running a campaign?**

Just ask your agent to check your profile. The MCP uses `get\_profile` to pull real-time credit balances, stopping you from starting a job that will fail due to insufficient funds.







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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>"bulksms": { "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

# BulkSMS 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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