

MCP SERVER

NO CODE

CLOUD HOSTED

Telnyx MCP

Audit communication data, instantly.

Telnyx MCP connects your AI agent directly to global communication data. Use it to list active phone numbers, check account balances, audit call logs, and send SMS messages—all without logging into a web portal. It turns complex telecom operations into simple conversation prompts.

A+ Quality Score 100/100

telecom

sms-notifications

call-logs

phone-numbers

global-connectivity

api-integration



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 — 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 — connect your AI agent in under 60 seconds.

Telnyx MCP

10 tools available

Cloud-hosted on Vinkius

Managing a global communications stack used to mean jumping through multiple vendor dashboards just to get basic data points. Now, your agent handles it all. By connecting Telnyx via this MCP, you treat your entire communication infrastructure like an extension of your own workflow. Your AI client can instantly pull the latest account balance or list every phone number registered to your account. Need to know if a message went through? Just ask, and it retrieves detailed status and history. It's built for real-time telecom strategy. You don't need specialized knowledge; you just talk to it. This MCP lives on Vinkius, making it accessible from any compatible AI client, so your agent is ready wherever you work.

Core Capabilities

01 — Audit call and message history

You can list all recent voice calls or fetch the full metadata for a specific call to see details like duration and direction.

02 — Manage phone numbers

02 — Manage phone numbers

The MCP lets you retrieve detailed information about any specific number or list every phone number associated with your account.

03 — Send SMS messages globally

You can use the agent to send an SMS message directly, confirming delivery and managing global outreach campaigns.

04 — Check financial status

It retrieves your real-time account balance, helping you track communications spending on the fly.

05 — Monitor messaging setup

You can list all active messaging profiles and verified numbers to confirm that your communication paths are open.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to the MCP and provide your Telnyx API Key.
- 02 Connect your preferred AI client (like Claude or Cursor) through Vinkius.
- 03 Tell your agent what you need. It executes the necessary calls and gives you a clean, conversation-ready answer.

The bottom line is that it lets you talk to your telecom platform as if it were just another API endpoint in your workflow.

Built For

This MCP targets operations teams and technical staff who spend too much time logging into separate, complicated vendor portals. If your job involves tracking communication spending, verifying message delivery, or auditing call logs across multiple systems, this is for you.

Operations Manager

They use the MCP to monitor daily communication spend and quickly send out urgent SMS alerts directly from their workflow.

Customer Success Team Lead

They verify message delivery status and audit call logs for clients without ever having to navigate a manual portal interface.

Telecom Engineer

They perform rapid, deep audits of number configurations and messaging profiles, validating the entire communication stack quickly.

What Changes When You Connect

- 01 Instantly audit every call and message. Instead of downloading log CSVs, your agent pulls the full metadata for calls using `list_calls` or detailed status from `get_call`, giving you instant context without manual file handling.

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- 02** Control number inventory effortlessly. You can run `list_phone_numbers` to see every active asset on your account and then use `get_phone_number` to deep-dive into the specs of a single line, all in one conversation.

 - 03** Manage spending proactively. Before launching a campaign, check your real-time cost status using `get_balance`. This prevents unexpected overages by keeping financial data front-and-center with every action you take.

 - 04** Never miss an update. Sending critical alerts is simple; just ask the agent to execute `send_message` and confirm delivery status instantly. It's reliable, actionable messaging from your workflow.

 - 05** Consolidate all communication oversight. You get a single point of truth for everything—from listing profiles via `list_messaging_profiles` to checking message history with `list_messages`. No more jumping between tabs.
-

Real-World Applications

Verifying compliance after an outage

A field operations manager needs proof of delivery for a week's worth of critical alerts. Instead of manually checking the web portal, they prompt their agent to use `list_messages` and then specify key dates, allowing the MCP to retrieve all necessary message history details automatically.

Investigating a dropped call

A customer service agent receives a complaint about a missed connection. They prompt their AI client to use `list_calls` to find the date range, then specify the problematic time slot so the MCP can run `get_call` and deliver full metadata for review.

Pre-launch network audit

A telecom engineer is setting up a new service line. They ask the agent to run `list_phone_numbers` and then use `get_phone_number` on the target number repeatedly to validate its status, ensuring it's ready for voice and SMS traffic before deployment.

Checking readiness before expansion

A business owner plans a global campaign. They ask the agent to check both `list_verified_numbers` and `get_balance`. This confirms not only that they have enough credit but also that the target numbers are verified and ready for immediate use.

Patterns to Avoid

Treating it like a search engine

✗ AVOID

Trying to input complex filters or natural language queries into the MCP as if it were Google Search. The system needs specific data requests, not vague ideas.

✓ INSTEAD

Instead of asking 'Show me calls from last week', use ``list_calls`` and ask your agent to filter by date range parameters. For number details, always use ``get_phone_number`` with the required ID.

Ignoring authentication steps

✗ AVOID

Assuming that all data is public or accessible without proper credentials, leading to failed API calls and no useful output.

✓ INSTEAD

Remember you need to provide your Telnyx API Key during setup. Once connected via Vinkius, the agent uses ``get_me`` internally to ensure it has permission to access sensitive account details.

Over-relying on single functions

✗ AVOID

Only using ``list_messages`` and missing the crucial context of which numbers are active.

✓ INSTEAD

Always pair messaging checks with a number inventory check. Run ``list_phone_numbers`` first, then use that list to validate targets before calling ``send_message``. This ensures you're working with live assets.

The Right Fit

Use this MCP if your core need is auditing the *state* and *history* of established communication records. If you routinely ask questions like, 'How much credit do we have?' or 'What happened with that call last Tuesday?', then this tool works for you. Don't use it if you are trying to set up a brand-new telecom account from scratch; for that, you need the vendor's console. Similarly, don't use it if your primary goal is general marketing content creation—use an LLM directly for drafting copy. However, if you need to ensure that the *delivery* of that copy (via SMS) or the *data* supporting its campaign is accurate and current, this MCP handles everything from checking `get_balance` to sending the message via `send_message`. It's deep operational data, not surface-level content generation.

The headache of manually compiling telecom reports

Today, if you need to know how many calls went out last week and what the current balance is, you're clicking through at least three different web portals. You download a call log CSV, then you open the billing page just for a number, and finally, you have to copy-paste message history from another tab. It's tedious, slow, and prone to human error.

With this MCP, that entire process disappears. Instead of clicking through dashboards, you simply ask your agent: 'Give me last week's call summary, including the balance.' Your AI client gathers the list of calls via `list_calls`, checks the credit via `get_balance`, and compiles everything into one readable response. You get answers, not spreadsheets.

Get comprehensive communication status with Telnyx MCP

The manual steps that vanish are the logins, the date range selection forms, and the copy-pasting of metadata. You no longer need to switch contexts or remember which report belongs where.

Now, your agent acts as a single, knowledgeable point of contact for all things telecom. It lets you conduct deep audits—like checking every number using `list_phone_numbers`—and get actionable data immediately.

Telnyx Alternative: 10 Communication Tools

These ten tools let your AI client perform every critical action related to your Telnyx account, from sending messages to checking historical data.

| # | TOOL | DESCRIPTION |
|----|--------------------------------------|--|
| 01 | <code>get_call</code> | Fetch specific details for a single voice call using its identifier. |
| 02 | <code>get_me</code> | Retrieve basic authenticated information about your Telnyx public key setup. |
| 03 | <code>get_phone_number</code> | Get specific details for a single phone number by its ID or credentials. |
| 04 | <code>get_balance</code> | Check your current account balance to know exactly how much credit you have remaining. |
| 05 | <code>list_calls</code> | Retrieve a list of recent voice calls, providing essential metadata for each entry. |
| 06 | <code>list_messages</code> | Get a comprehensive list of your most recently sent and received messages. |
| 07 | <code>list_messaging_profiles</code> | List all currently configured messaging profiles within the Telnyx environment. |
| 08 | <code>list_phone_numbers</code> | Retrieve a full list of every phone number registered and active on your account. |
| 09 | <code>list_verified_numbers</code> | List all the numbers that have successfully passed verification checks. |
| 10 | <code>send_message</code> | Initiate and send a new SMS message to any destination number. |

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 Telnyx phone numbers.



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

U Check my Telnyx account balance.



I've retrieved your balance. You currently have \$125.50 available in your Telnyx account. Credit limit is \$0.00.

U Show me the last 5 calls for my project.



I've found 5 recent calls. Notable interactions include an outbound call to '+1 111 2222' with status 'completed'. Would you like the full metadata for any specific call?

Frequently Asked Questions

01 How do I check my Telnyx account balance with the Telnyx MCP?

You ask your agent to retrieve the account balance. The MCP uses the `get_balance` tool, which returns your real-time available credit and any associated limits in a single response.

02 Can I send an SMS message using the Telnyx MCP?

Yes, you can. Use the agent to execute `send_message` by providing the recipient number and the body text. It handles the transmission of the message globally.

03 What is the difference between listing calls and getting a specific call detail with Telnyx MCP?

Listing calls (`list_calls`) gives you a summary list (date, destination). Getting details (`get_call`) requires a specific ID and returns the full metadata for that one interaction.

04 Does the Telnyx MCP help me manage my phone numbers?

Absolutely. You can use `list_phone_numbers` to see all registered assets, and then use `get_phone_number` on any specific number for detailed configuration checks.

05 Can the Telnyx MCP handle message history?







Yes. You can run `list_messages` to retrieve a list of recent messages, giving you visibility into your ongoing communication flow without manual effort.

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>"teInyx-alternative": { "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

Telnyx 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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