

MCP SERVER

NO CODE

CLOUD HOSTED

# Mailosaur MCP

Validate every email and SMS message flow.

Mailosaur gives your AI agent full control over virtual inboxes and SMS message streams. It lets you automate testing by listing, searching, retrieving content, and managing messages across multiple simulated servers. Use this MCP to instantly validate email delivery metrics and audit communication flows without ever touching a dashboard.

**A+** Quality Score 100/100

email-testing

sms-testing

qa-automation

rest-api

virtual-inbox

message-validation



# The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

# Your AI Connections Run Through Vinkius Cloud

The world's largest  
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

# Mailosaur MCP

8 tools available

Cloud-hosted on Vinkius

You can connect Mailosaur to your AI client and treat your test inboxes like any other data source. This lets you automate the tedious process of checking if a signup confirmation or an SMS code actually arrived, and what its content was. Instead of logging into multiple web panels, your agent reads directly from these virtual servers using simple natural language prompts.

Need to check messages sent only to a specific domain? No problem. You can also programmatically create new test environments when you need complete isolation for a fresh round of checks. When validation is done, you don't have to manually delete the evidence; just tell your agent to clear out the entire server inbox or permanently remove one bad message. Because Vinkius hosts this MCP, your AI client can access all these testing tools from one place, making communication flow auditing simple and fast.

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## Core Capabilities

### 01 — Discover available test servers

Lists all the virtual inboxes you own so you know which environments to check.

### 03 — Check all messages in an inbox

Retrieves a complete list of every email and SMS message received by a specific test account.

### 05 — Extract full message content

Gets the complete HTML and plain text body for any single message so your agent can analyze its specific contents.

### 02 — Set up new isolated test accounts

Creates a brand-new, clean virtual server/inbox for testing without affecting your live data.

### 04 — Find messages using detailed criteria

Searches through thousands of messages, finding exactly what you need by sender, recipient, or subject line.

### 06 — Manage inbox clutter

Clears all messages from a server, or deletes individual messages permanently when testing is finished.

# One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to the MCP and provide your unique Mailosaur API key.
- 02 Connect this MCP to your preferred AI client (Cursor, Claude, etc.).
- 03 Use natural language commands—like 'Find all messages sent from billing@example.com'—and let your agent pull the data.

The bottom line is you get programmatic access to complex email and SMS testing features through simple conversational prompts.

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## Built For

This MCP serves QA Engineers, backend developers, and operations teams who spend too much time logging into multiple web dashboards just to verify a single message was delivered correctly. It's for anyone whose job depends on validating automated communication.

### QA Engineer

Automates the validation of transactional emails or SMS codes, ensuring every required piece of data (like a password reset link) is present and correct.

### Backend Developer

Quickly inspects incoming test emails from services like Stripe or GitHub right from their IDE to debug why a webhook failed or what content was missed.

### Site Reliability Engineer (SRE)

Monitors automated communication flows across multiple accounts and audits complex message histories without manual effort, confirming system health.

## What Changes When You Connect

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- 01 **Instant Validation:** Instead of manually checking a dashboard, your agent can run sophisticated searches using `search_server_messages` to find messages based on exact criteria like subject or sender domain. This saves hours of manual clicking.

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  - 02 **Controlled Testing Environments:** Need to simulate a fresh start? Use `create_virtual_server` to build entirely separate test accounts, ensuring that debugging one feature doesn't contaminate data for another.

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  - 03 **Deep Content Inspection:** Don't just confirm delivery; confirm the content. The ability to run `get_message_content` lets your agent read the full HTML body, guaranteeing links and required text blocks are present.

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  - 04 **Clean Up Effortlessly:** When testing is done, you can immediately reset your environment using `clear_server_inbox`. This keeps your data clean and prevents accidental review of old test messages.

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  - 05 **Comprehensive Visibility:** With one call to `list_virtual_servers`, your agent knows every server ID it needs access to. It gives a single pane of glass view over all your simulated communication channels.
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## Real-World Applications

### Debugging Failed Webhooks

A developer notices that the payment confirmation email isn't being generated correctly. They ask their agent to `search_server_messages` for 'Stripe Payment Failure' in the staging server, instantly retrieving the message content and seeing the exact missing parameter.

### Auditing Communication Flows

An SRE needs to verify that all marketing campaigns sent last month were delivered. They prompt their agent to `list_server_messages` across three different server IDs, quickly confirming message count and status for a full audit report.

### Validating Multi-Step Signups

A QA engineer is testing a new signup flow that requires an SMS code. They use the agent to `create_virtual_server` for isolation, then prompt it to find the expected 6-digit message via `search_server_messages`, confirming the code immediately.

### Analyzing Specific Sender Behavior

An operations team needs to check if a third-party integration is sending spam. They ask their agent to filter all messages from that specific domain using advanced search and then use `delete_specific_message` on anything suspicious.

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## Patterns to Avoid

### Manual Dashboard Browsing

#### ✗ AVOID

Logging into the Mailosaur website, clicking through multiple domains, filtering by date range, and then manually copying message bodies to a spreadsheet.

#### ✓ INSTEAD

Let your agent handle it. Use `list_virtual_servers` first, then direct the agent to use `search_server_messages` with defined criteria (sender/subject) and ask it to retrieve the data via `get_message_content`.

### Assuming Message Location

#### ✗ AVOID

Trying to manually check if a message is in 'Production' or 'Staging' without knowing which domain it uses, leading to missed data.

#### ✓ INSTEAD

Always start by running `list_virtual_servers` to identify all available environments. This ensures your agent checks every necessary server ID before searching for anything.

### Over-Retaining Test Data

#### ✗ AVOID

Leaving hundreds of test messages sitting in the inbox, making it impossible for a human or AI to focus on current issues.

#### ✓ INSTEAD

When testing is complete, run `clear_server_inbox` immediately. This keeps your environment clean and ensures you only deal with relevant message history.

## The Right Fit

Use this MCP if your primary job involves programmatic validation of communication delivery—specifically email or SMS content, timing, and structure. You need to verify that a specific piece of data (like an API key or confirmation code) arrived inside the body of a message sent from an external source. It's ideal for QA automation

pipelines, backend integration testing, and auditing multi-stage user flows.

Don't use this if you just need to manage general system metrics, like tracking how many people signed up today (that requires a different data source). Also, don't use it if your goal is simply writing code; you need the message *content* first. If you are only concerned with sending messages and not verifying receipt or content, this MCP isn't required because its focus is purely on retrieval, search, and management.

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## Checking delivery status shouldn't feel like detective work.

Today, checking if a critical message—like a password reset link or an order confirmation—actually made it through requires a lot of manual steps. You have to log into the email testing platform, find the correct virtual inbox domain, scroll through dozens of messages, and then copy-paste specific details (sender, subject, body text) into your debugging sheet.

With this MCP, you simply tell your agent what you're looking for. Instead of clicking through pages, your AI client executes a focused search using the tool's criteria. You get instant results: a clean list of only the messages that matter, ready for immediate analysis.

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## Mailosaur MCP gives you full message lifecycle control.

The biggest time sinks disappear immediately. You stop having to manually check server domains; you just call `list_virtual_servers`. You eliminate the need to track down specific messages by hand, replacing it with a single prompt that executes a powerful search using criteria like `sentTo` or `subject`.

It's simple: your agent manages the entire message lifecycle for testing. It can find the data, inspect the content, and when you're done, it clears the inbox completely. You move from hours of manual clicking to seconds of automated validation.

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# Mailosaur: 8 Tools for Inbox Management

These tools let your AI client perform everything from creating new test environments to finding specific messages by sender or subject.

#	TOOL	DESCRIPTION
01	<code>create_virtual_server</code>	Creates a new, isolated virtual server or test inbox for dedicated testing periods.
02	<code>clear_server_inbox</code>	Deletes every single message from an entire configured test server.
03	<code>delete_specific_message</code>	Permanently removes one specific, undesirable message from a virtual inbox.
04	<code>get_message_content</code>	Retrieves the full HTML and plain text content of any given test message for deep inspection.
05	<code>get_server_details</code>	Fetches specific information about a particular virtual server, such as its unique routing domain.
06	<code>list_server_messages</code>	Lists every message currently residing in a specified virtual server inbox.
07	<code>search_server_messages</code>	Searches for specific messages by requiring detailed criteria like the sender, recipient, or subject line.
08	<code>list_virtual_servers</code>	Returns a list of all available virtual servers associated with your account ID.

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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 Mailosaur servers.



I've retrieved your servers. You have 3 active environments: 'Production Tests (ID: prod123)', 'Staging Inboxes', and 'Dev Sandbox'.

**U** Find the last message sent to 'test-user@mailosaur.io' in server 'prod123'.



I've searched server prod123. I found 1 message sent to test-user@mailosaur.io with the subject 'Welcome to our Service'. Would you like to see the full content?

**U** Delete all messages in the 'Dev Sandbox' server (ID: 'dev789').



I've successfully cleared the inbox for server dev789. All messages have been permanently removed.

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## Frequently Asked Questions

### 01 How do I use Mailosaur MCP to check all my test inboxes?

First, run `list_virtual_servers` to get a list of all your unique server IDs. Then, you can pass those IDs to the agent and ask it to search for messages across that entire set of servers.

### 02 Can I use Mailosaur MCP to validate SMS codes?

Yes. The MCP treats SMS like email messages. You can use `search_server_messages`, specifying the expected sender or keyword in the body to find and verify those test codes.

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**03 What is the best tool for finding a message sent from a specific user?**

Use `search_server_messages`. This tool allows you to filter messages by detailed criteria, making it highly accurate when looking up sender or recipient addresses.

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**04 Does Mailosaur MCP allow me to create new test accounts?**

Yes. The `create_virtual_server` tool lets your agent programmatically build brand-new inboxes. This is critical for keeping different feature tests isolated from one another.

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**05 How do I get the full text of a message using Mailosaur MCP?**

Call `get_message_content`. This tool doesn't just show you the subject line; it retrieves the complete HTML and plain text body, which is necessary for deep data validation.

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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>"mailosaur": { "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

# Mailosaur 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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