

MCP SERVER

NO CODE

CLOUD HOSTED

MailerSend MCP

Automate email sends and manage domains.

MailerSend lets your agent send transactional emails and manage sender domains directly through natural language prompts. It handles both single sends and large batches of emails up to 500 recipients at a time. Use it to check domain verification status, track real-time email activity logs, or query recipient details from your account database.

A+ Quality Score 100/100

transactional-email

email-delivery

domain-management

bulk-email

api-integration



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

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.

MailerSend MCP

10 tools available

Cloud-hosted on Vinkius

This MCP connects your agent to the MailerSend API, giving you control over transactional messaging and domain health without touching a dashboard. You can automate everything from sending single emails using templates to running massive batch operations for high-volume campaigns. It gives you visibility into email delivery performance by listing all sender domains and triggering ownership verification checks when needed. Need to know who opened an email or if it bounced? Your agent pulls real-time logs, letting you access event activity for any domain or retrieve complete metadata on a specific sent message. Plus, you can query your account database using `list_email_recipients` to ensure your campaign lists are always accurate. All this goes through your AI client and is available via the Vinkius Catalog.

Core Capabilities

01 — Send single or bulk emails

Your agent sends transactional messages, supporting both single recipients and batches of up to 500 people.

03 — Audit email activity

The MCP provides real-time logs of email events like opens, clicks, and deliveries for any domain.

05 — Find recipient details

You list and pull specific data about recipients directly from your linked account database.

02 — Manage sender domains

You list all associated sending domains, check their DNS settings, and trigger ownership verification checks.

04 — Query message history

Your agent retrieves full metadata, including the entire lifecycle history for individual sent messages or lists all past sends.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/mailersend — connect your AI agent in three steps.

- 01** Subscribe to the MailerSend MCP and input your API token into Vinkius.
- 02** Your agent reads the prompt (e.g., 'Check domain activity for X') and determines which tool is needed.
- 03** The MCP executes the request, returning structured data about domains, sent messages, or recipient lists directly to your AI client.

The bottom line is that you manage complex email workflows using simple natural language instructions from any compatible client.

Built For

This MCP is for Ops Engineers and Marketing Automation Specialists who get bogged down manually cross-referencing dashboards to confirm a campaign's domain status or delivery performance. It's built for the person who needs reliable, programmatic insight into email flows.

Marketing Operations Specialist

They use it to verify sender domain ownership and query recipient lists before a large campaign launch.

Software Developer

They test email delivery logic by sending single or bulk transactional emails directly from their development environment.

Email Analyst

They monitor performance by listing domain activity and retrieving detailed metadata for past message sends.

What Changes When You Connect

- 01** Confirm Domain Ownership: Instead of manually navigating DNS records, you run the `verify_sender_domain` tool to instantly trigger ownership checks for your sending domain.

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- 02 High-Volume Sending: You can process thousands of contacts quickly by using `send_bulk_transactional_emails`, eliminating the need for manual API calls per recipient.

 - 03 Full Audit Trail: When a campaign goes sideways, you don't guess. Use `list_domain_activity` to pull real-time logs and see exactly when opens or clicks happened.

 - 04 Data Synchronization: You can use `list_email_recipients` to ensure your mailing list is always accurate by pulling the most current contact records before sending anything.

 - 05 Deep Message Insight: To troubleshoot a specific email, you run `get_sent_message_details`. This pulls every piece of metadata about that one message's lifecycle.
-

Real-World Applications

Checking Compliance Before Launch

The ops engineer needs to launch a marketing campaign but isn't sure if their new sender domain is fully verified. They prompt the agent: 'Check my domain status.' The agent runs `verify_sender_domain` and reports back on the current DNS requirements, stopping potential delivery issues before they start.

Investigating Delivery Failures

A client complains that some recipients didn't get an email. They ask the agent to 'Show all activity for last week.' The agent runs `list_domain_activity`, quickly pinpointing which specific domain ID had delivery failures and why.

Handling Large User Onboarding

The development team needs to notify 500 users immediately upon sign-up. Instead of writing a complex loop, they instruct their agent to 'Send welcome emails to the entire user list.' The agent uses `send_bulk_transactional_emails`, completing the task in one go.

Auditing Campaign Performance

The marketing analyst needs proof of campaign success. They prompt: 'Find the activity for messages sent last month.' The agent runs `list_sent_messages`, allowing the analyst to `get_recipient_details` and build a complete performance report.

Patterns to Avoid

Treating emails like simple text files

✗ AVOID

A user attempts to send an email by just pasting raw HTML code into the prompt, hoping it will work. They forget that templates or specific sender details are required.

✓ INSTEAD

You must use the `send_transactional_email` tool and provide a JSON body with all necessary elements: the sender address, recipient list, and either text content or a pre-defined template ID.

Forgetting domain checks

✗ AVOID

A developer sends emails from a new domain without running any verification. The messages fail to deliver because the sending domain hasn't been properly authenticated.

✓ INSTEAD

Always run `verify_sender_domain` before major campaigns, and use `list_sender_domains` first to ensure you are targeting the correct account.

Listing contacts manually

✗ AVOID

A user copies a small handful of names from a spreadsheet into the prompt instead of pulling the full contact record.

✓ INSTEAD

Use `list_email_recipients` to query your entire database, and then use `get_recipient_details` to pull specific data points for targeted campaigns.

The Right Fit

Use this MCP if your core problem revolves around email delivery reliability and domain governance. Specifically, you need to perform batch actions (sending up to 500 emails) or audit sender health by checking DNS records using `verify_sender_domain`. This is for operations that require programmatic visibility into message lifecycles.

Don't use this if your primary goal is simply drafting content or managing internal team communication; those tools are better suited. If you just need a simple contact list without sending capability, general CRM APIs might be enough. But if the task involves 'sending,' 'domain ownership,' or 'activity logging,' this MCP is mandatory.

Tracking email performance requires jumping between five different dashboards.

Today, confirming a campaign's health means opening the sender domain dashboard to check verification status. Then you switch over to the message history tab to see if individual emails were sent or bounced. Next, you jump to the activity log just to see opens and clicks. You then have to go back and manually list recipients to ensure they are still active.

With this MCP, your agent pulls all that data into one flow. Instead of clicking through five tabs, you simply ask the agent to 'Show me domain activity for X.' It aggregates the sender details, message metadata, and delivery logs instantly.

MailerSend MCP: Sending Bulk Emails and Managing Domains

The manual steps that disappear are checking DNS records in a separate platform, copying list IDs from one page to another for bulk sends, and cross-referencing bounce lists. You don't have to keep five browser tabs open.

Now you use `send_bulk_transactional_emails` or the `verify_sender_domain` tool. Your agent handles the complex API calls in the background; you just get the clear answer.

MailerSend: 10 Tools for Email & Domain Ops

These tools let your agent send emails in batches, check domain status, list contacts, and pull detailed reports on sent messages.

#	TOOL	DESCRIPTION
01	<code>get_sender_domain_details</code>	Pulls specific technical details about a single sender domain you own.
02	<code>get_sent_message_details</code>	Retrieves the complete history and metadata for one particular sent email.
03	<code>get_recipient_details</code>	Gets specific data points about a single recipient from your linked database.
04	<code>list_domain_activity</code>	Compiles all email activity, including opens and clicks, for an entire domain ID.
05	<code>list_sender_domains</code>	Shows a comprehensive list of all domains you have registered with MailerSend.
06	<code>list_sent_messages</code>	Generates a full catalog listing every email message that has been sent through your account.
07	<code>list_email_recipients</code>	Retrieves the entire list of contact records currently stored in your account database.
08	<code>send_bulk_transactional_emails</code>	Sends multiple transactional emails at once, processing them as a single batch request.
09	<code>send_transactional_email</code>	Sends one individual email using specified sender, recipient, and content or template ID.
10	<code>verify_sender_domain</code>	Initiates a DNS verification check to confirm ownership of a sending domain.

See It in Action

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

U Send a transactional email to 'user@example.com' with subject 'Welcome' and body 'Hello!'.



I've sent the email to user@example.com. The message ID is '64f1abcde12345'. MailerSend has queued the delivery.

U List all active sender domains in my account.



I've retrieved your domains. You have 2 verified domains: 'mail.example.com' and 'updates.myfirm.io'. Would you like to check the DNS settings for any of them?

U Show recent opened events for domain ID '98765'.



I found 15 'opened' events for domain 98765 in the last 7 days. Most recent interactions were from 'customer@corp.com' and 'alice@test.io'.

Frequently Asked Questions

01 How do I check if my sending domain is authorized using MailerSend MCP?

Run `verify_sender_domain`. This tool triggers a DNS verification check, confirming ownership status and letting you know what records are needed to get started.

02 Can I send emails to more than 500 people with MailerSend MCP?

No, the current bulk sending limit is 500 recipients per single batch request. If you have thousands of contacts, your workflow needs to be segmented into multiple batches.

03 What information does list_domain_activity provide about my emails?

It provides real-time logs detailing every email event for a domain ID, including when it was opened, clicked, or delivered. This is crucial for performance auditing.

04 How do I find out why an individual message failed to send using MailerSend MCP?

Use get_sent_message_details. This tool fetches the complete metadata and lifecycle history for that specific message, pinpointing exactly where the failure occurred.

05 Does list_email_recipients pull all my contacts from the web?







No, it queries only the contact records stored in your linked account database. It's a reliable way to ensure you are using up-to-date data for your campaigns.

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>"mailersend": { "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

MailerSend 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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