

MCP SERVER

NO CODE

CLOUD HOSTED

Gmail MCP

Automate your inbox triage and correspondence.

Gmail MCP connects your personal or enterprise Gmail account directly to your AI agent. Read full email threads, find specific messages using advanced search queries, draft replies, and organize your entire inbox—all without leaving your IDE or chat client. It handles everything from simple labeling to complex batch operations.

A+ Quality Score 98.33/100

email-management

inbox-automation

message-threading

email-search

productivity-tools

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.

Gmail MCP

30 tools available

Cloud-hosted on Vinkius

Managing an overflowing inbox used to mean jumping between tabs, running manual searches for keywords, and copy-pasting information into drafts. This MCP lets you automate the entire process. You can ask your agent to summarize a massive email thread or pull out key action items from dozens of messages in minutes. Need to find every unread message from your boss with an attachment? Your agent runs advanced queries across your whole mailbox, instantly surfacing exactly what matters right now. Beyond just reading, you control the flow: mark entire groups of emails as read, create new label filters, or even draft and send full responses directly within existing conversation threads. By connecting this MCP through Vinkius, any compatible AI client treats your Gmail account like a native function—allowing true automated email handling wherever you work.

Core Capabilities

01 –

02 –

03 –

04 –

05 –

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP and link your Google Workspace credentials using OAuth.
- 02 Your AI agent connects to the service, giving it permission to access your mailbox data.
- 03 You interact with your email account naturally via conversation; the agent executes the necessary commands in the background.

The bottom line is that you talk to your agent like you're talking to a person who already has full access to your inbox and knows exactly what you need.

Built For

Anyone whose job requires managing high volumes of communication—from technical teams fielding alerts to marketing staff handling PR crises. If you spend more than ten minutes a day manually organizing or searching email, this MCP is for you.

Software Engineer

Checking monitoring alert emails and reading pull request discussions directly from the IDE without switching apps.

Marketing Manager

Drafting hyper-personalized outreach messages for campaigns and ensuring every follow-up thread is tracked correctly.

Operations Specialist

Parsing large influxes of status updates to quickly isolate context files or determine if an issue requires immediate attention.

What Changes When You Connect

- 01 Stop manually reading massive chains. Your agent can run 'get_thread_details' to read all messages in a conversation history and summarize the core points for you instantly.

-
- 02 Never miss an urgent message again. Use advanced search queries via 'list_gmail_messages' or 'find_emails_from_sender' to zero in on exactly what you need, like unread alerts from key personnel.

 - 03 Handle bulk organization with precision. The 'batch_modify_messages' tool lets you mark every item matching a criteria as read or archive hundreds of messages at once.

 - 04 Drafting replies is faster than ever. Your agent can compose and send an email using 'send_email', maintaining the proper reply thread structure automatically.

 - 05 Maintain inbox hygiene effortlessly. You can use 'create_inbox_filter' to build rules that automatically label or archive specific types of mail as it arrives.
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Real-World Applications

Handling a PR Crisis

A PR Director receives 50 emails about a product flaw. They ask their agent to 'get_thread_details' on the top five threads and summarize key concerns from each, allowing them to draft a single, cohesive response immediately.

Following Up on Leads

A Sales Manager needs to find all prospects who downloaded a whitepaper but haven't replied. They ask the agent to 'list_gmail_messages' using advanced search operators, then draft and send follow-up emails via 'send_email'.

Automating Reporting

An Ops Analyst needs to process all system alerts received yesterday. The agent uses 'list_unread_emails' combined with advanced search syntax and then applies 'batch_modify_messages' to mark them as reviewed.

Cleaning Up Old Mailboxes

A team lead needs to clear out all promotional spam from last quarter. The agent uses 'list_mailbox_labels' to identify the correct label and then runs a targeted 'batch_modify_messages' operation.

Patterns to Avoid

Blindly deleting emails

X AVOID

Running 'batch_delete_messages' without first checking what messages match the criteria, leading to permanent data loss.

✓ INSTEAD

Always use 'list_gmail_messages' or 'list_unread_emails' to preview exactly which messages you are targeting. If in doubt, use 'trash_gmail_message' first.

Asking for general searches

X AVOID

Simply asking the agent to 'find important emails' without specifying criteria, resulting in too many irrelevant results.

✓ INSTEAD

Specify your query using Gmail search syntax: Use 'list_gmail_messages' with operators like 'from:boss@company.com is:unread'.

Assuming immediate action

X AVOID

Telling the agent to 'handle this mess' and expecting it to fix everything without defining rules.

✓ INSTEAD

Define structured actions first. Use 'create_inbox_filter' to set up permanent rules, or use 'list_mailbox_labels' to identify which labels you need to work with.

The Right Fit

Use this MCP if your daily workflow involves reading, sorting, drafting, or searching through high volumes of communication. If the core task is mailbox management—like finding a specific thread, setting up automatic label rules (using 'create_inbox_filter'), or summarizing content from multiple emails—then this is the right tool. Don't use it if your goal is purely calendaring; for that, you need a dedicated calendar MCP. Also, don't rely on this to read private conversation data outside of Gmail's standard structure; stick to reading message bodies and threads using 'get_message_content'.

The inbox overload is exhausting.

Every day, you open your email client. You click through dozens of tabs. You run a quick search for that one thread about Q3 budget cuts, only to find three similar conversations and have to manually read them all. If the information is spread across labels, drafts, and deep message chains, it takes time away from actual work just sorting through noise.

With this MCP integrated into your agent, you tell it what you need—for example, 'Show me all unread messages about budget cuts sent last week.' Your agent handles the complex search queries, pulling the precise details using tools like 'list_gmail_messages' and presenting only the actionable context. You get clarity without the clicks.

Gmail MCP: Structured Email Automation

Manual tasks that vanish include setting up filters, which used to mean logging into Gmail settings and clicking through multiple menus; manually tracking conversation history by opening every single message in a thread; or having to copy the sender's name from one email just so you can search for them later.

Now, your agent handles all that logic. It reads entire conversations via 'get_thread_details' and applies filters using 'create_inbox_filter', making your inbox work for you instead of forcing you to work on it.

The Gmail MCP with 29 Tools

These tools give your agent granular control over every aspect of your mailbox, from composing emails to managing complex label filters.

#	TOOL	DESCRIPTION
01	<code>batch_delete_messages</code>	Permanently deletes multiple messages in bulk. Remember, this action cannot be undone.
02	<code>create_inbox_filter</code>	Sets up a rule that automatically adds or removes labels, forwards, or stars incoming emails based on specific criteria.
03	<code>list_mailbox_history</code>	Retrieves the history ID needed to track mailbox changes over time for synchronization purposes.
04	<code>list_gmail_messages</code>	Lists messages in your inbox, allowing you to use advanced search syntax like 'from:boss@company.com is:unread'.
05	<code>get_message_content</code>	Reads the complete text and metadata for a single, specific email message.
06	<code>send_email</code>	Composes and sends a new email immediately, supporting full HTML or plain text bodies and reply threading.
07	<code>send_draft</code>	Dispatches an existing draft message that you previously composed.
08	<code>get_attachment</code>	Downloads a specific file attached to an email using its ID and size information.
09	<code>modify_message_labels</code>	Adds or removes labels from one or more messages, marking them as read or applying custom tags.
10	<code>trash_gmail_message</code>	Moves selected messages into the trash folder.
11	<code>untrash_gmail_message</code>	Recovers a message that was previously moved to the trash.
12	<code>batch_modify_messages</code>	Applies label changes (like marking all as read or archiving) across an entire group of messages using their IDs.
13	<code>list_gmail_threads</code>	Lists grouped conversation threads, supporting advanced search syntax via the 'q' parameter.
14	<code>get_thread_details</code>	Retrieves the entire historical chain of emails, including all messages and headers in a single thread.

#	TOOL	DESCRIPTION
15	<code>list_mailbox_labels</code>	Lists every system and custom label currently available in your mailbox (e.g., INBOX, SPAM).
16	<code>get_label_details</code>	Fetches specific metadata about a defined label.
17	<code>create_label</code>	Creates a new custom tag or category for your emails.
18	<code>delete_label</code>	Permanently removes a custom label from the system.
19	<code>list_drafts</code>	Retrieves IDs and snippets of all drafts you have saved, showing where they are located.
20	<code>get_draft</code>	Reads the full content of a specific draft so you can review it before sending.
21	<code>create_draft</code>	Starts a new email draft that you can save and edit later for later use.
22	<code>update_draft</code>	Edits the content or recipient list of an existing saved draft.
23	<code>delete_draft</code>	Permanently removes a specific email draft from your drafts folder.
24	<code>get_vacation_settings</code>	Checks the current status of your automated out-of-office reply.
25	<code>update_vacation_settings</code>	Activates or changes your automatic vacation auto-responder messages and dates.
26	<code>list_inbox_filters</code>	Displays all the automated rules (filters) currently set up to manage incoming mail.
27	<code>get_gmail_profile</code>	Retrieves basic statistics and identity information about your mailbox account.
28	<code>verify_api_connection</code>	Runs a quick check to ensure the connection between the AI agent and Gmail is active.
29	<code>list_unread_emails</code>	Lists all messages that have not yet been opened or marked as read in your inbox.
30	<code>find_emails_from_sender</code>	Searches and lists any emails sent to you by a specific sender address.

See It in Action

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

U Fetch the 3 most recent unread emails from the CEO regarding "Budget".



Searching with "is:unread from:ceo@company.com subject:Budget"... I found two matches: "Budget Revisions 2026" and "Immediate Review: Budget Cuts". Would you like to read the first one?

U Send an email to mark@domain.com saying the project is delayed and we need to schedule a call.



Email dispatched! Subject dynamically configured to: "Project Update & Call Scheduling". The payload to mark@domain.com confirms the delay and suggests alternative calendar links.

U Mark all messages matching 'Promotions 2022' as read in my backend.



Successfully filtered 14 emails inside standard promotions and altered their flags globally to 'read'. The inbox footprint is clean.

Frequently Asked Questions

01 How do I search my emails in Gmail with this MCP?

You use the 'list_gmail_messages' tool, which accepts standard Gmail search syntax. You can ask your agent to find messages using operators like 'from:boss@company.com is:unread'.

02 Can I reply to an email thread from my IDE?

Yes. Your agent uses the 'send_email' tool, which supports proper reply threading by referencing existing message headers so your response looks natural in Gmail.

03 What is the difference between listing messages and reading content with Gmail MCP?

Listing messages ('list_gmail_messages') gives you IDs and basic metadata. To read the full text, attachments, or headers, you must use 'get_message_content' for a specific message ID.

04 How do I mark all emails as read in bulk using Gmail MCP?

You can use the 'batch_modify_messages' tool. By providing an array of message IDs and instructing the agent to remove the UNREAD label, it marks them all as read.

05 Does this MCP handle my drafts folder?







Yes. You can use 'list_drafts' to see what you saved, 'get_draft' to review the content, and then 'send_draft' to dispatch it when ready.

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>"gmail": { "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

Gmail 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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