MCP SERVER | NO CODE | CLOUD HOSTED

Email Attachment Space Report MCP.

Find exactly which files are eating your email storage.

Email Attachment Space Report MCP lets your AI client scan email metadata to identify storage hogs. Instead of digging through folders, you can ask your agent to find the largest files, group usage by file type, or list every attachment over a certain size. It turns messy attachment data into clear, actionable reports.

A+ Quality Score 100/100

email | storage | attachments | metadata | analysis

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vinkius.com/en/ai-agent-connect/email-attachment-space-report

SCAN TO VIEW

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Email Attachment Space Report MCP

4 tools available
Cloud-hosted on Vinkius

You spend too much time hunting for the specific files that are pushing your mailbox over its limit. This MCP changes that by giving your AI client direct access to your email attachment metadata. You don't have to manually sort through thousands of messages to find out why your storage is full. Instead, you just ask your agent to run the numbers.

You can get a high-level view of your total consumption or drill down into specific categories like PDFs or video files. If you need to clear space immediately, you can tell your agent to find every file larger than a specific megabyte threshold. It's a fast way to identify which senders or file types are responsible for the bulk of your storage usage. Once you have the data, you can decide what to delete or archive without the manual guesswork.

Core Capabilities

01 — Storage Auditing

Your agent calculates the total footprint of all email attachments.

02 — Size Filtering

The AI pulls a list of files that cross a specific size threshold.

03 — Category Grouping

Your agent organizes usage data by file extension or label.

04 — Heavy File Identification

The tool finds the specific files consuming the most storage.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/email-attachment-space-report** — connect your AI agent in three steps.

01 Connect the MCP to your client through Vinkius.

02 Ask your agent a question about your email attachment storage.

03 The agent uses the relevant tool to scan your attachment metadata.

04 The agent presents a summarized report or list of files.

Connecting this MCP to your client gives your agent the ability to read attachment metadata.

Built For

This is for anyone managing high-volume email accounts who needs to clear storage quickly.

IT Administrators

They hand off mailbox cleanup tasks to the agent to manage user storage limits.

Project Managers

They use the data to find large project files buried in email threads.

Digital Archivists

They identify large media files that need to be moved to long-term storage.

What Changes When You Connect

01 Eliminates manual searching through email threads for large files.

02 Provides instant breakdowns of storage by file type.

03 Identifies specific storage hogs in seconds.

04 Automates the identification of files exceeding size limits.

Real-World Applications

Mailbox Cleanup

Find and delete massive files to prevent hitting storage caps.

Storage Auditing

Get a clear report on how much space different file types occupy.

File Discovery

Locate specific large documents sent by certain contacts.

Data Management

Group attachments by category to decide what to archive.

Patterns to Avoid

Manual thread searching

AVOID

You spend an hour scrolling through old email threads to find a massive video file that's clogging your inbox.

✓ INSTEAD

Ask your agent to run `find_largest_attachments` to see exactly which files are the culprits immediately.

Broad storage guessing

AVOID

You delete hundreds of small, important emails because you think you're running out of space.

✓ INSTEAD

Use `analyze_attachment_totals` first to understand the actual footprint of your attachments before you start deleting anything.

Unorganized cleanup attempts

AVOID

You try to clear space by deleting files one by one without knowing which types are taking up the most room.

✓ INSTEAD

Run `group_by_category` to see if PDFs or media files are the primary cause of your storage issues.

The Right Fit

Connect this MCP if you manage high-volume mailboxes or need to clear storage without manual searching. Do not connect it if you have a small, low-attachment inbox where manual cleanup is trivial. The decision depends on whether your attachment metadata is too large to audit by hand.

Email Attachment Space Report 4 Tools

These tools give your agent the ability to audit, filter, and categorize attachment data to manage mailbox storage.

#	TOOL	DESCRIPTION
01	`analyze_attachment_totals`	This tool provides a high-level summary of how much total storage your attachments are consuming.
02	`filter_large_files`	Use this to pull a specific list of all attachments that exceed a size limit you set.
03	`find_largest_attachments`	This tool identifies the specific files that are using the most space in your mailbox.
04	`group_by_category`	This tool breaks down your storage usage by file type or organizational labels.

See It in Action

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

U How much total space are my email attachments using?

The total storage usage for the provided attachments is 450 MB across 12 files.

U Show me the top 3 largest attachments.

The largest attachments are: report.pdf (50 MB) from alice@example.com, video.mp4 (40 MB) from bob@example.com, and image.png (15 MB) from charlie@example.com.

U Which files are larger than 10 MB?

There are 2 files larger than 10 MB: presentation.pptx (12 MB) and archive.zip (25 MB).

Frequently Asked Questions

01 **What can this MCP do with my emails?**

It analyzes the metadata of your email attachments. It does not read the actual content of your emails, only the file size, type, and sender info.

02 **Which AI clients work with this MCP?**

You can use this with any MCP-compatible client like Claude, Cursor, Windsurf, or VS Code.

03 **How do I find large files?**

You can simply ask your agent to find files larger than a specific size, and it will use the filter tool to give you a list.

04 **Can I see usage by file type?**

Yes, the group_by_category tool allows your agent to break down storage by file extension or label.

05 **Do I need to host this myself?**

No, Vinkius hosts and manages the MCP for you. You just connect your client and start using the tools.

06 **What kind of data does this server process?**

It processes attachment records containing sender identity, timestamp, file size, file type, and organizational labels.

07 **How can I find the biggest files in my list?**

You can use the `find_largest_attachments` tool to retrieve a ranked list of the largest files.

08 **Can I group my storage usage by file extension?**

Yes, the `group_by_category` tool allows you to group data by either 'fileType' or 'label'.

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 `"email-attachment-space-report": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Email Attachment Space Report 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 →

vinkius.com · support@vinkius.com

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Server ID	`01a0eddd-bf41-7367-92ff-3d4c06d76251`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

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