

MCP SERVER

NO CODE

CLOUD HOSTED

1msg.io MCP for AI Agents

Automate WhatsApp messaging, templates, and support workflows

1msg.io is your dedicated MCP for official WhatsApp Business API automation. It lets your AI client handle complex customer communications, send rich media and pre-approved templates, and keep a running log of all messages—all while adhering strictly to Meta's guidelines. You stop writing boilerplate code for messaging and start focusing on conversation flow.

A+ Quality Score 100/100

whatsapp-api

business-messaging

customer-engagement

broadcast-messaging

template-management

automation



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.

1msg.io MCP

6 tools available

Cloud-hosted on Vinkius

This MCP connects your preferred AI client directly to the official WhatsApp Business API through 1msg.io. It turns your agent into a robust communication layer, letting it manage everything from simple text replies to complex, media-rich broadcast campaigns. Think of it as giving your agent direct access to your entire customer conversation history and all approved messaging templates.

Your AI client handles the heavy lifting: responding instantly to support inquiries, sending follow-up guides with PDFs, or initiating conversations using pre-vetted marketing templates. All communication stays within official Meta standards, so you never risk getting flagged for non-compliant bulk messages. Since this MCP is hosted on Vinkius, your agent gets access to 1msg.io's full suite of messaging tools alongside thousands of others in the catalog—all from one connection point. You just tell your agent what needs to be communicated, and it handles the official delivery across WhatsApp.

Core Capabilities

01 — Sending standard text messages

Send a simple, direct WhatsApp text message to any number.

03 — Sending official templates

Initiate conversations by sending pre-approved WhatsApp message templates for business use.

05 — Checking channel connection status

Verify if the WhatsApp communication line is active, connecting, or disconnected.

02 — Delivering media files (images/PDFs)

Send rich content like images, PDFs, or videos to a recipient's WhatsApp chat.

04 — Listing available templates

Check which marketing or support templates have already been approved by Meta.

06 — Retrieving message history logs

Pull a record of recent incoming and outgoing chat messages for auditing or context building.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/1msgio — connect your AI agent in three steps.

- 01 First, subscribe to the 1msg.io MCP on Vinkius.
- 02 Next, provide your 1msg.io JWT Token credentials to connect the service.
- 03 Finally, use your AI client (Claude, Cursor, etc.) to prompt the agent with a natural language request, and it executes the WhatsApp action for you.

The bottom line is that once connected, your agent treats 1msg.io as a native communication channel, allowing it to perform complex messaging tasks without requiring specialized code or API calls from your side.

Built For

This MCP is for operations teams and customer-facing roles that rely on WhatsApp for critical communications. If you're tired of manually copying messages, checking connection statuses, or managing template approval cycles across different systems, this tool saves the day.

Customer Support Specialist

Responds to incoming customer questions in real time, sending follow-up guides or receipts via WhatsApp.

Marketing Operations Manager

Automates large-scale notifications and runs segmented broadcast campaigns using only approved templates.

Sales Development Representative (SDR)

Follows up with leads on WhatsApp, sending relevant media files or summarizing conversation history for the sales team.

What Changes When You Connect

- 01 Instant communication: Use `send_message` to reply immediately to customer inquiries without manual intervention.

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- 02 Rich content delivery: Send PDFs or images using the `send_file` tool, making your automated support responses more useful than plain text.

 - 03 Compliance focus: The `send_template` function ensures all outbound marketing messages use Meta's official, pre-approved templates.

 - 04 Visibility into communications: Run `list_messages` to easily audit past conversations and maintain accurate context for your agent.

 - 05 Reliability check: Use `get_status` whenever you need to know if the WhatsApp connection is active before running a campaign.

 - 06 Strategic planning: The `list_templates` tool lets your AI client browse available options, making it easier to plan complex broadcast sequences.
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Real-World Applications

Handling post-sale support queries

A customer asks about a product manual. Your agent uses `send_file` to instantly send the correct PDF guide, and then records the interaction using `list_messages` for future reference.

Onboarding a new sales lead

The SDR sends initial follow-up materials using `send_file`, and then asks the agent to check the message log via `list_messages` so they can reference specific details in their next chat.

Launching a new marketing campaign

The operations team needs to notify 50 clients about an outage. The agent uses `send_template` after checking connection status with `get_status` to ensure delivery before sending the broadcast.

Maintaining continuous service uptime

A system monitor needs assurance that messaging is possible. The agent checks the connection status with `get_status`, confirms it's 'connected,' and then proceeds to send a test message using `send_message`.

Patterns to Avoid

Trying to write custom code for every message

X AVOID

Writing complex Python functions just to format a PDF attachment or check if the API connection is up before sending anything. This adds massive overhead and maintenance risk.

✓ INSTEAD

Let your agent handle it. Use ``get_status`` first, then use the single ``send_file`` tool for media delivery, all through natural conversation.

Forgetting template requirements

X AVOID

Attempting to send a marketing message without knowing if Meta approved the specific format or needing to check which templates are available.

✓ INSTEAD

Always run ``list_templates`` first. This ensures your agent only uses pre-approved messaging structures via the ``send_template`` tool.

Ignoring chat history context

X AVOID

Starting a new conversation flow without knowing what was said last week, leading to confusing or irrelevant replies for the customer.

✓ INSTEAD

Before responding, use ``list_messages``. This pulls the necessary history log and gives your agent the full conversational context it needs.

The Right Fit

Use this MCP if WhatsApp is a primary channel for critical customer support or high-volume marketing broadcasts. You need to automate message sending, manage templates, and monitor connection health without writing complex API wrappers yourself. It excels when your workflow involves official Meta messaging standards.

Don't use this if all of your communications happen entirely within an existing CRM (like Salesforce) that already has robust native WhatsApp integrations. If the primary need is just reading message history for simple logging, you might only need `list_messages`. But if you need to *act* on those messages—sending files, templates, or checking status—then this MCP is essential.

Managing 1msg.io WhatsApp Messaging Flows with AI Agents

Right now, if your support team needs to reply to a customer on WhatsApp and send them an invoice, someone has to manually open the API console or write code to handle both the text body and the PDF attachment. This involves multiple steps: checking if the connection is live, listing available templates just to confirm one works, then finally calling two different functions (one for text, one for files). It's tedious and prone to human error.

With this MCP, your agent handles it all in one prompt. You ask it to send a response with an attached document, and the agent intelligently uses `send_file` while validating the connection status first. The result is immediate, accurate communication that follows official WhatsApp rules.

Auditing 1msg.io WhatsApp Templates for Compliance

Before running a large campaign, you typically have to jump into the backend portal just to see what templates are available or if an old one was deleted. You manually cross-reference lists of approved messages against your marketing plan, which is slow and requires dedicated operational oversight.

Now, simply run `list_templates` through your agent. It provides a clean, immediate list of everything that's ready to go live. This cuts down the compliance check from thirty minutes to three seconds.

6 Tools in the 1msg.io MCP for WhatsApp Messaging Operations

Use these tools to manage message sending, track conversation history, and monitor your official WhatsApp connection status directly through your agent.

#	TOOL	DESCRIPTION
01	<code>send_message</code>	Sends a simple text message to a specified WhatsApp number.
02	<code>send_file</code>	Transmits media files (like images, PDFs, or videos) to any WhatsApp recipient.
03	<code>send_template</code>	Sends a message using one of your pre-approved business templates.
04	<code>list_templates</code>	Retrieves a list of all available and approved WhatsApp messaging templates.
05	<code>get_status</code>	Checks the live connection status of your 1msg.io WhatsApp channel to ensure it's operational.
06	<code>list_messages</code>	Retrieves a log of recent incoming and outgoing messages for context review or auditing.

See It in Action

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

U Hey, send a welcome message with our pricing PDF to +15551234567.



WhatsApp Message Sent Successfully

- Recipient: +15551234567
- Type: Media (PDF)
- Content: Pricing Guide v2.pdf
- Status: Delivered.

The agent confirmed the connection is live and sent the document using the media tool.

U Check if my WhatsApp line is connected, and then send a status update template to all users.



✓ Connection Status Check: The 1msg.io channel is currently 'connected' and operational.

Template Broadcast Initiated

A message using the `System_Update` template was successfully queued for broadcast across your list of contacts.

U What were the last five messages sent or received today?



Here is a summary of your recent WhatsApp activity:

DATE/TIME	DIRECTION	SUMMARY
Today 10:30 AM	Outgoing	Follow-up guide attached.
Today 9:15 AM	Incoming	Inquiry about service hours.
Yesterday 4:00 PM	Outgoing	Welcome template sent.

Frequently Asked Questions

01 How do I automate customer replies on WhatsApp using the 1msg.io MCP?

Your agent can respond to incoming messages in real time, handling both simple text replies and sending rich files like guides or receipts automatically. This keeps your support flow consistent without you having to manually reply.

02 Can I send marketing broadcasts via 1msg.io using my AI client?

Yes, the MCP manages this through official templates. You can initiate campaigns by listing and sending pre-approved messages, ensuring every broadcast adheres to WhatsApp's strict business rules.

03 Is 1msg.io reliable for mission-critical communications?

Absolutely. Before any action, you can check the live connection status using a dedicated tool. This confirms that your communication line is active and ready to send or receive messages when you need it most.

04 What if I need to prove what conversations happened last month?

You can pull detailed message logs from the system. The agent retrieves a full audit trail of all recent incoming and outgoing chats, giving you documented proof for compliance or review purposes.

05 Does 1msg.io support sending images and PDFs?







Yes, it does. You can send various media types—including PDF invoices, JPG guides, or videos—using a single function call, which is much easier than managing multiple attachments manually.

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>"1msgio": { "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

1msg.io 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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