

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Home Emergency Contact Tree MCP

Keep your household organized during a crisis.

Home Emergency Contact Tree MCP helps you manage crisis response through a structured communication system. Your AI client uses this tool to build prioritized notification sequences, create printable contact cards, and pull pre-written message templates for different emergency levels. It also tracks the administrative tasks needed to keep your contact data accurate and ready for use.

A+ Quality Score 100/100

emergency

household

communication

crisis-management

safety-protocol



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.

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 ephemeral (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.

Home Emergency Contact Tree MCP

4 tools available

Cloud-hosted on Vinkius

When a crisis hits, you don't have time to hunt for phone numbers or decide who to call first. This MCP turns your AI client into a crisis coordinator for your home. Instead of digging through old notes, you can ask your agent to build a step-by-step notification plan that follows a specific order of priority.

You can use it to prepare for the unexpected by generating printable contact cards for your fridge or car. If you need to reach out to a neighbor or a local contact, your agent can pull specific message templates that match the severity of the situation. It also keeps you from falling behind on updates; the MCP tracks necessary maintenance tasks so your contact list doesn't become outdated when you need it most. It's about moving from panic to a structured plan in seconds.

Core Capabilities

01 — Crisis Sequencing

Your agent builds a logical order of operations for contacting people during an event.

02 — Physical Preparedness

The AI generates printable documents for your household to use when digital access is limited.

03 — Message Drafting

Your agent selects the right tone and content for different emergency levels.

04 — Data Integrity

The MCP identifies which parts of your contact tree need updating or verification.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/home-emergency-contact-tree — connect your AI agent in three steps.

- 01

Connect your AI client to the MCP via Vinkius.
- 02

Describe your emergency or contact needs to your agent.
- 03

The agent uses the specific tools to generate plans, cards, or templates.
- 04

Review the output and use the information to act.

Connect your preferred client to Vinkius and start managing your household contacts through natural language.

Built For

This MCP is for heads of households and family organizers who want a structured way to handle emergencies.

Household Managers

They hand off the task of organizing contact hierarchies to their AI agent.

Safety Coordinators

They use the tool to generate specific communication plans for various crisis scenarios.

Family Organizers

They rely on the tool to keep contact information and printable cards up to date.

What Changes When You Connect

- 01

Reduces decision fatigue during high-stress moments.
- 02

Ensures communication follows a logical, prioritized order.
- 03

Maintains data accuracy through scheduled maintenance tasks.

04 Provides ready-to-use text for rapid messaging.

Real-World Applications

Natural Disaster Response

Your agent creates a notification plan to alert family members in a specific order as a storm approaches.

Medical Emergencies

The AI pulls specific message templates to quickly notify neighbors or relatives about a health situation.

Routine Safety Audits

You use the maintenance tool to check if your contact list needs updating.

Physical Backup Creation

You generate printable cards to keep in a first aid kit or emergency bag.

Patterns to Avoid

Relying on digital access only

❌ AVOID

You assume you can always access your phone or tablet during a power outage or natural disaster.

✓ INSTEAD

Use the `generate_contact_cards` tool to create physical copies you can keep in a first aid kit or emergency bag.

Using generic emergency messages

❌ AVOID

You send a one-size-fits-all text to everyone in your contact list regardless of the situation.

✓ INSTEAD

Use `get_message_templates` to pull specific text that matches the severity of the event and the person you are contacting.

Ignoring contact list decay

❌ AVOID

You assume your contact list is still accurate months after you last looked at it.

✓ INSTEAD

Run `get_maintenance_tasks` to see exactly which parts of your contact tree need updates or verification.

The Right Fit

Connect this MCP if you manage a household and want a structured response plan for crises. Do not connect it if you prefer managing emergency contacts through manual spreadsheets or paper lists without a central logic. The decision depends on whether you want your AI client to handle the sequencing and drafting for you.

Home Emergency Contact Tree Tools

These tools handle everything from building notification sequences to generating physical backups for your household.

#	TOOL	DESCRIPTION
01	generate_contact_cards	This tool creates formatted, printable cards containing essential contact info for quick physical reference.
02	get_maintenance_tasks	This tool provides a list of administrative actions you need to take to keep your contact data current.
03	get_message_templates	This tool retrieves pre-written text for messages based on the type of contact and how serious the emergency is.
04	get_notification_plan	This tool builds a step-by-step sequence of who to contact and how to reach them during an emergency.

See It in Action

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

U Create a notification plan for household members 123 and 456 during a critical emergency.



The notification sequence for a critical emergency is: 1. Member 123 (SMS), 2. Member 456 (Voice Call), 3. Nearby Contact (SMS).

U Generate printable contact cards for my nearby contacts.



Here are your nearby contact cards: John Doe (555-0101), Jane Smith (555-0102).

U What message should I send to a neighbor for a minor emergency?



A suitable SMS template is: 'Hello, this is an update regarding a minor household matter. Please let us know when you are available.'

Frequently Asked Questions

01 How does this MCP help during an actual emergency?

It removes the guesswork by generating a prioritized notification plan that tells you exactly who to contact and how to reach them.

02 Can I print out my contact information?

Yes, you can use the tool to generate formatted, printable contact cards for quick physical reference.

03 How do I keep my contact list from becoming outdated?

The MCP includes a tool that provides a list of maintenance tasks to ensure your contact tree stays accurate.

04 Does it provide specific wording for messages?

Yes, it can retrieve pre-written message templates that are tailored to the type of contact and the severity of the emergency.

05 What AI clients can I use with this MCP?

You can use this MCP with any compatible client, including Claude, Cursor, Windsurf, and VS Code.

06 How does the notification order work?

The system follows a strict hierarchy: it first attempts to contact household members, then moves to nearby contacts, and finally reaches out to out-of-area contacts if needed.

07 Can I print contact information for physical use?

Yes, you can use the tool to generate formatted, printable contact cards for any group, such as household or nearby contacts.

08 How often should I update my contact information?

It is recommended to verify your contact tree every 90 days to ensure all phone numbers and relationships remain accurate.

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>"home-emergency-contact-tree": { "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

Home Emergency Contact Tree 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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