

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

Evacuation Go-Bag Planner MCP

Get your family's emergency supplies organized and ready.

Evacuation Go-Bag Planner MCP helps you manage emergency preparedness through intelligent resource allocation. It handles the heavy lifting of calculating supply distributions for different household members, tracking item expiration dates, and determining the best way to pack your bags for stability. You can use it to ensure you have the right documents and a logical packing order for any sudden departure.

A+ Quality Score 100/100

evacuation

planning

emergency

logistics

household



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 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.

Evacuation Go-Bag Planner MCP

4 tools available

Cloud-hosted on Vinkius

When an emergency hits, you shouldn't be guessing which bag holds the water or if your medical supplies are still good. This MCP turns your AI client into a logistics coordinator for your household's survival gear. Instead of staring at a pile of supplies, you can tell your agent exactly how many people are in your house and how much weight you can carry. It will tell you exactly who carries what to keep everyone's load balanced. It also keeps track of the small stuff that matters, like which documents you need to grab and when you need to swap out old food or medicine. You get a clear, actionable plan for your kits that stays updated as your needs change. It's about moving from disorganized piles of gear to a structured, repeatable system that works when you actually need it.

Core Capabilities

01 — Load Balancing

Your agent uses this to split supplies among family members based on weight limits.

02 — Expiration Tracking

The AI uses this to schedule regular maintenance of your emergency kits.

03 — Document Checklists

Your agent generates specific lists of legal and medical papers you need to carry.

04 — Packing Optimization

The AI determines the best order to stack items for better bag stability.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/evacuation-go-bag-planner — connect your AI agent in three steps.

- 01
- Connect the MCP to Claude, Cursor, or Windsurf via Vinkius.
- 02
- Tell your agent about your household size and available gear.
- 03
- Ask the agent to calculate assignments or document needs.
- 04
- Follow the generated packing sequences and maintenance dates.

You connect the MCP to your preferred AI client and start managing your gear through natural conversation.

Built For

This is for heads of households and emergency planners who want to move away from disorganized gear towards a systematic approach.

Emergency Coordinators

They hand off logistics and supply distribution tasks to the AI.

Preparedness Hobbyists

They use the AI to manage long-term maintenance schedules for their kits.

Family Organizers

They use the AI to ensure every family member has a balanced load during an evacuation.

What Changes When You Connect

- 01
- Reduces physical strain by balancing weight across different bags.
- 02
- Prevents using expired supplies through scheduled refresh dates.

- 03

Ensures critical legal and medical documents are never forgotten.
- 04

Improves bag durability by optimizing how items are packed.

Real-World Applications

Family Evacuation Planning

Assign specific supplies to each family member based on their age and the weight of their backpack.

Document Readiness

Create a list of digital and physical copies of IDs and medical records.

Kit Maintenance

Set up a schedule to check food and medicine before they expire.

Weight Management

Calculate how to distribute heavy items like water across multiple people to stay under weight limits.

Patterns to Avoid

Manual weight guessing

❌ AVOID

You try to eyeball how much water each person can carry without checking their actual physical limits.

✓ INSTEAD

Use `calculate_bag_assignments` to distribute weight based on specific household members and their individual capacity.

Reactive kit maintenance

❌ AVOID

You open your emergency bag during a crisis only to find the food is rotten or the medicine is expired.

✓ INSTEAD

Run `calculate_refresh_dates` to stay ahead of expiration cycles and replace items before they become useless.

Unstable bag packing

❌ AVOID

You throw heavy items on top of light items, making the bag tip over or become impossible to carry.

✓ INSTEAD

Follow the sequence provided by `generate_packing_sequence` to ensure your gear stays stable and accessible.

The Right Fit

Connect this MCP if you manage a household or group that needs a repeatable system for emergency readiness. Do not connect it if you only keep a single, small bag for yourself. The decision depends on whether you need to coordinate supplies across multiple people.

Evacuation Go-Bag Planner MCP Tools

These tools handle the logistics of weight distribution, expiration tracking, and packing order for your emergency kits.

#	TOOL	DESCRIPTION
01	calculate_bag_assignments	This tool decides which items go to which person or bag. It looks at your household needs and how much weight each bag can hold to keep things balanced.
02	calculate_refresh_dates	This tool tracks your gear's shelf life. It tells you exactly when you need to check your bags and replace expired items.
03	generate_packing_sequence	This tool organizes your packing order. It tells you what to put in the bag first so your gear stays stable and easy to reach.
04	identify_required_documents	This tool builds a checklist of essential paperwork. It identifies the specific physical and digital documents your household needs to have ready.

See It in Action

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

U Help me plan my evacuation bag for a family of 4 walking to a shelter with 2 backpacks (10kg limit each).



Person A (Adult) takes water, first aid, and ID. Person B (Adult) takes food, water, and ID. Person C (Child) takes snacks and a toy. Person D (Child) takes snacks. Each bag stays under the 10kg limit.

U What documents do I need to prepare for my family evacuation?



You should print copies of birth certificates, medical insurance cards, and identity IDs, and prepare digital copies of all these documents.

U When should I check my medical supplies again?



Your next refresh date is 2025-06-15 due to the expiration of the pediatric antibiotics.

Frequently Asked Questions

01 How does this MCP help with weight limits?

It uses the `calculate_bag_assignments` tool to distribute items among people so no single bag exceeds its capacity.

02 Can I use this with Claude?

Yes, you can connect this MCP to any compatible client like Claude, Cursor, or Windsurf through the Vinkius platform.

03 How do I know when to replace my food or medicine?

The `calculate_refresh_dates` tool tracks your items and tells you exactly when to review and replace them.

04 Does it help with packing order?

Yes, the `generate_packing_sequence` tool provides the best order to place items in your bags for stability.

05 What kind of documents does it identify?

It generates lists of necessary physical and digital copies, such as birth certificates and medical insurance cards, based on your profile.

06 How does the tool handle different transport modes?

The `'calculate_bag_assignments'` tool adjusts weight and volume constraints based on whether you are walking, using a vehicle, or riding a bicycle.

07 Can I track when my supplies expire?

Yes, you can use `'calculate_refresh_dates'` to determine when food, water, or medications need to be replaced.

08 Does it help with document organization?

Yes, `'identify_required_documents'` generates a list of necessary physical and digital copies based on your household profile.

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>"evacuation-go-bag-planner": { "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

Evacuation Go-Bag Planner 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Evacuation Go-Bag Planner. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	September 2026
MCP Server	Evacuation Go-Bag Planner MCP
Server ID	01a0db77-b717-7274-adbe-f8559b7e1b54
Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/en/ai-agent-connect/evacuation-go-bag-planner.