

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

Emergency Shelter Logistics Plan MCP

Coordinate rapid household relocations and shelter admissions.

Emergency Shelter Logistics Plan MCP handles the heavy lifting of disaster response coordination. Your AI client uses this to match households with available shelter space, plan transport routes, and manage communication sequences during critical relocation events.

A+ Quality Score 100/100

disaster-relief

shelter-management

household-safety

logistics-planning

emergency-coordination



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.

Emergency Shelter Logistics Plan MCP

5 tools available

Cloud-hosted on Vinkius

When disaster strikes, you don't have time to manually cross-reference shelter rules against household needs. This MCP gives your AI agent the ability to act as a logistics coordinator for emergency relocations. You can use it to check if a family is actually eligible for a specific shelter based on their unique needs, like pets or medical requirements. It handles the math of moving people, from figuring out the best way to travel to creating backup plans if a primary location fills up. Instead of guessing, your agent can generate specific departure checklists for families and set up communication protocols to keep everyone informed. It turns raw household data into actionable relocation plans in seconds.

Core Capabilities

01 — Eligibility Verification

Your agent matches household profiles against shelter rules to prevent rejected admissions.

02 — Transport Planning

The AI determines the most viable travel methods for different mobility needs.

03 — Contingency Mapping

Your agent identifies secondary shelter locations when primary sites reach capacity.

04 — Customized Checklists

The tool generates specific packing lists based on individual household requirements.

05 — Communication Management

Your agent establishes contact sequences to keep all parties updated during a move.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/emergency-shelter-logistics-plan — connect your AI agent in three steps.

- 01 Connect your preferred MCP-compatible client to Vinkius.
- 02 Provide household or shelter data to your AI agent.
- 03 The agent calls the necessary tools to check eligibility or plan transport.
- 04 The agent delivers actionable checklists, routes, or contingency plans.

Connect your AI client to Vinkius and start running logistics commands immediately.

Built For

Emergency responders and disaster relief coordinators use this to automate the logistics of moving people to safety.

Disaster Relief Coordinators

They hand off household data to the AI to generate rapid relocation plans.

Public Safety Officials

They use the tool to verify shelter capacity and eligibility in real time.

Logistics Managers

They delegate transport and contingency planning to the AI agent.

What Changes When You Connect

- 01 Reduces manual errors in shelter admission by automating rule checking.
- 02 Speeds up household departures with personalized packing lists.

- 03

Provides immediate fallback options through automated contingency planning.
- 04

Standardizes communication sequences during high-stress relocation events.

Real-World Applications

Flood Evacuation

An agent quickly checks which shelters can accept families with pets or medical needs during a rising flood.

Shelter Capacity Management

Officials use the tool to identify alternative locations when a primary shelter hits its limit.

Wildfire Relocation

Coordinators use the tool to generate departure checklists for families fleeing fire zones.

Transport Coordination

Logistics teams use the tool to find appropriate vehicles for residents with mobility impairments.

Patterns to Avoid

Manual Eligibility Guessing

❌ AVOID

A coordinator assumes a shelter can take a family with a large dog without checking the specific facility rules first.

✓ INSTEAD

Use `validate_shelter_eligibility` to confirm the shelter can actually accept the household's specific requirements.

Ignoring Secondary Options

❌ AVOID

A team sends all residents to a single primary site until it hits capacity and then has to scramble for new locations.

✓ INSTEAD

Run `generate_contingency_plan` early to identify fallback sites before the primary location fills up.

Generic Packing Lists

❌ AVOID

Handing out a standard list of supplies to every family regardless of their medical or mobility needs.

✓ INSTEAD

Use `get_departure_checklist` to provide families with specific instructions tailored to their unique situation.

The Right Fit

Disaster relief coordinators and public safety officials should connect this MCP to automate relocation logistics. Small local volunteer groups without structured household data may find it unnecessary. The decision depends on whether you need to move large groups of people with diverse needs quickly and accurately.

Emergency Shelter Logistics Plan MCP Tools

These tools handle the heavy lifting of matching household needs to shelter availability and managing the movement of people.

#	TOOL	DESCRIPTION
01	assign_transport_logistics	This tool identifies the most practical way to move people to their destination. It looks at the chosen shelter and determines the best travel method.
02	create_communication_protocol	This tool builds a contact sequence for relocation. It ensures all necessary stakeholders receive updates throughout the movement process.
03	generate_contingency_plan	This tool finds alternative locations if the first choice is unavailable. It provides a fallback option to prevent relocation delays.
04	get_departure_checklist	This tool creates a custom list of items and tasks for a household. It tells families exactly what they need to pack and do to leave safely.
05	validate_shelter_eligibility	This tool checks if a household meets the specific rules and current capacity of a shelter. It confirms whether a family can be admitted before you send them there.

See It in Action

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

U I need a departure checklist for a household with insulin, infant formula, and a dog.



Your priority level is High. Please pack: insulin, infant formula, pet food, pet carrier, and essential documents.

U Is the Central Shelter eligible for a household with a pet?



No, the Central Shelter is currently at capacity and does not accept pets.

U What is the best way to get to the shelter if I am wheelchair-dependent and have a car?



The recommended transport mode is a specialized vehicle capable of accommodating your mobility aid.

Frequently Asked Questions

01 How does this MCP help with shelter admissions?

It uses the `validate_shelter_eligibility` tool to match household needs against specific shelter rules and current availability.

02 Can the AI plan how people will travel?

Yes, the `assign_transport_logistics` tool determines the most viable travel method for a chosen shelter.

03 What happens if a shelter is full?

The agent can use the `generate_contingency_plan` tool to find the best alternative location.

04 Which AI clients can use this MCP?

You can connect this MCP to any compatible client like Claude, Cursor, Windsurf, or VS Code.

05 Does it provide specific instructions for families?

Yes, the `get_departure_checklist` tool provides personalized lists of items and actions for households to follow.

06 How does the tool determine if a shelter is suitable?

The ``validate_shelter_eligibility`` tool checks the shelter's status, pet friendliness, and capacity against the specific needs of the household.

07 Can I plan transport for mobility-impaired individuals?

Yes, ``assign_transport_logistics`` evaluates mobility status to recommend appropriate transport modes for all users.

08 What happens if my primary shelter is full?

You can use ``generate_contingency_plan`` to identify the next best compatible shelter based on your household requirements.

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>"emergency-shelter-logistics-plan": { "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

Emergency Shelter Logistics Plan 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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