

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

Kitchen Repair Disruption Planner MCP

Keep your household running during kitchen renovations.

Kitchen Repair Disruption Planner MCP handles the logistical headache of a kitchen remodel. It coordinates your daily life around construction schedules, helps you prep a temporary kitchen setup, and manages food deliveries so you don't lose groceries or meals while your appliances are offline.

A+ Quality Score 100/100

renovation

kitchen

planning

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.

Kitchen Repair Disruption Planner MCP

4 tools available

Cloud-hosted on Vinkius

Renovating a kitchen usually means your daily routine falls apart. You lose your sink, your stove, and often your fridge, leaving your household in a state of constant improvisation. This MCP acts as a logistics coordinator for your renovation. Instead of guessing when you can eat or what supplies you need, you use your AI client to map out the disruption. It bridges the gap between a contractor's work schedule and your family's basic needs. You can track exactly when the water will be off, what items you need to buy for a temporary cooking station, and how to time food deliveries so nothing spoils. When the work is finally done, it helps you transition back to a functional kitchen without missing a step. It turns a chaotic construction zone into a managed household transition.

Core Capabilities

01 — Schedule Management

Your agent uses the disruption calendar to track how construction affects your daily routine.

02 — Supply Planning

The AI generates checklists for essential items needed for a temporary kitchen setup.

03 — Food Logistics

Your agent coordinates food deliveries to match your available kitchen resources.

04 — Post-Construction Transition

The AI provides a sequence of steps to move from temporary living back to full kitchen use.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/kitchen-repair-disruption-planner — connect your AI agent in three steps.

- 01 Connect your AI client to the Vinkius platform.
- 02 Describe your renovation details and household size to your agent.
- 03 The agent uses the MCP tools to generate calendars, checklists, and plans.
- 04 Follow the generated logistics to manage your daily life during the repair.

Connect your preferred AI client to Vinkius to start managing your renovation logistics.

Built For

Homeowners and families managing active kitchen remodels or repairs.

Homeowners

Hand off the task of tracking construction impacts and supply needs to the AI.

Project Managers

Use the tool to help clients manage their daily household logistics during a build.

What Changes When You Connect

- 01 Reduces household chaos by mapping out utility outages.
- 02 Prevents food spoilage through coordinated delivery planning.
- 03 Ensures essential supplies are ready before the kitchen goes offline.

- 04 Provides a clear path to returning to normal operations after repairs.
-

Real-World Applications

Plumbing Repairs

Manage a household when the sink or water is temporarily unavailable.

Full Remodels

Plan for long term outages where all appliances are offline.

Appliance Replacement

Coordinate the transition between old and new appliances without losing food access.

Post-Construction Cleanup

Follow a sequence to safely move back into a newly renovated space.

Patterns to Avoid

Ignoring utility outage schedules

❌ AVOID

You order a massive grocery delivery right when the plumber shuts off the water for the sink repair.

✓ INSTEAD

Check the renovation timeline first using `get_disruption_calendar` to ensure your supplies arrive when you actually have water.

Underestimating temporary setup needs

❌ AVOID

You start a major remodel thinking you can just use a microwave on the dining table without any prep.

✓ INSTEAD

Run `get_temporary_kitchen_checklist` to see exactly what supplies you need to keep the house running while the main kitchen is offline.

Rushing the post-repair transition

❌ AVOID

You try to cook a full meal the second the contractor leaves, only to realize the appliances aren't ready.

✓ INSTEAD

Follow the specific steps in `get_restoration_sequence` to move from your temporary setup back to full kitchen use safely.

The Right Fit

Homeowners facing active kitchen remodels should connect this MCP to manage daily logistics. Project managers working for clients should use it to coordinate household needs. If your kitchen is fully functional and you aren't planning any repairs, you don't need this.

Kitchen Repair Disruption Planner Tools

These tools manage the logistics of household utility outages and food supply coordination during renovations.

#	TOOL	DESCRIPTION
01	get_delivery_coordination_plan	This tool syncs your food deliveries with your renovation timeline. It helps you time grocery or takeout arrivals so they don't clash with utility outages.
02	get_disruption_calendar	This tool provides a chronological view of how the renovation impacts your daily life. It maps out exactly when specific disruptions will occur.
03	get_restoration_sequence	This tool outlines the specific steps needed to move from a temporary setup back to a fully functional kitchen. It guides you through the transition process.
04	get_temporary_kitchen_checklist	This tool generates a list of essential supplies and setup steps. It tells you what you need to maintain household function while the main kitchen is offline.

See It in Action

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

U I have a 3-day plumbing repair starting tomorrow. We are a family of 4. Our fridge is working, but the sink is out. Help me plan.



I've generated your disruption calendar, a temporary kitchen checklist including extra water and disposable plates for 4 people, and a delivery plan that prioritizes fresh food while your fridge is still functional.

U What should I do to prepare for a full kitchen remodel where all appliances will be offline?



You should use the `get_temporary_kitchen_checklist` to identify secondary cooking locations and the `get_delivery_coordination_plan` to manage food deliveries without refrigeration access.

U The renovation is finished. How do I get my kitchen back to normal?



The `get_restoration_sequence` will provide a step-by-step guide for cleaning, utility testing, and transitioning from your temporary setup back to full kitchen use.

Frequently Asked Questions

01 How does this MCP help with food during a renovation?

It uses the `get_delivery_coordination_plan` to sync food arrivals with your available kitchen tools and utility status.

02 Can I use this for a small plumbing fix or just big remodels?

It works for both. You can use it for a quick 3-day plumbing repair or a massive, multi-week kitchen remodel.

03 What happens when the construction is finally over?

You use the `get_restoration_sequence` tool to get a step-by-step guide for cleaning and testing your utilities before going back to normal.

04 Do I need to install anything on my computer?

No. Vinkius hosts the MCP. You just connect your existing AI client like Claude or Cursor to the Vinkius catalog.

05 Will this help me know what to buy for a temporary kitchen?

Yes. The `get_temporary_kitchen_checklist` tool generates a specific list of items you'll need to keep your household running.

06 How does this help during a renovation?

It provides structured plans for meals, food storage, and contractor coordination to minimize daily disruption.

07 Can I use this for small plumbing repairs?

Yes, the `'get_disruption_calendar'` tool can be used for any scope of work, from minor plumbing to full remodels.

08 What if my fridge is unavailable?

The `'get_delivery_coordination_plan'` will detect the lack of refrigeration and suggest immediate consumption windows to prevent waste.

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>"kitchen-repair-disruption-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

Kitchen Repair Disruption 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

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DOCUMENT INFORMATION

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Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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