

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

Care Meal Logistics Plan MCP

Automate your entire meal delivery and storage workflow.

Care Meal Logistics Plan MCP handles the heavy lifting of meal management. It connects your AI client to specialized tools for scheduling deliveries, generating shopping tasks, managing food storage space, and setting up user feedback loops. It keeps your dietary needs, budget, and fridge capacity front and center.

A+ Quality Score 100/100

meal-planning

delivery

shopping

storage

dietary-restrictions



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.

Care Meal Logistics Plan MCP

4 tools available

Cloud-hosted on Vinkius

Managing food logistics is a headache, especially when you're balancing dietary restrictions and tight budgets. This MCP turns your AI client into a logistics coordinator that actually understands the physical constraints of your kitchen. You can use it to build a complete timeline for when meals arrive and when they should be eaten. It doesn't just list what you need; it breaks shopping down into actionable tasks and checks if your groceries will actually fit in your fridge before you buy them. If something goes wrong with a delivery or a meal, you can establish a feedback loop so your agent learns from the mistake. It's built to respect your specific constraints, from how much money you want to spend to the exact capacity of your storage containers.

Core Capabilities

01 — Delivery Scheduling

Your agent creates a timeline for when food arrives and when it gets eaten.

02 — Budget and Diet Control

The AI respects your spending limits and dietary restrictions during planning.

03 — Storage Planning

The agent checks if your groceries will fit in your fridge or pantry.

04 — Task Delegation

It converts food lists into specific shopping assignments.

05 — Error Correction

It sets up feedback loops to handle issues with the meal plan.

One Click on Vinkius — From Prompt to Execution

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

- 01
- Connect your MCP-compatible client to Vinkius.
- 02
- Provide your dietary, budget, and storage constraints to your agent.
- 03
- Ask the agent to generate a schedule or shopping list.
- 04
- Use the feedback loop tool to adjust the plan if something changes.

Connect your client to Vinkius and start managing meals immediately.

Built For

This MCP is for anyone managing complex meal logistics for themselves or others.

Caregivers

They hand off the coordination of dietary needs and delivery timing to the agent.

Household Managers

They use the agent to organize shopping tasks and storage capacity.

Personal Assistants

They delegate the creation of meal schedules and budget tracking to the AI.

What Changes When You Connect

- 01
- Prevents food waste by checking storage capacity before shopping.
- 02
- Reduces mental load by turning meal plans into specific shopping tasks.
- 03
- Maintains strict adherence to dietary and budget constraints.

04 Ensures delivery timing aligns with available help or staff.

Real-World Applications

Elderly Care Coordination

Manage meal deliveries and dietary restrictions for seniors using a scheduled timeline.

Large Household Management

Organize shopping assignments and storage checklists for a busy family kitchen.

Budget-Conscious Meal Planning

Generate shopping lists that stay within a specific dollar amount.

Delivery Logistics

Coordinate when food arrives to ensure someone is home to receive it.

Patterns to Avoid

Ignoring physical storage limits

❌ AVOID

You ask your agent to order a week's worth of groceries without checking if your fridge can hold them.

✓ INSTEAD

Always run ``create_storage_checklist`` first to ensure your pantry and fridge can actually handle the volume.

Disconnected meal and delivery timing

❌ AVOID

You schedule a large grocery delivery for a time when no one is home to receive it.

✓ INSTEAD

Use ``plan_meal_schedule`` to align food arrival with when people are actually available to manage the intake.

Vague shopping lists

❌ AVOID

You tell your agent to buy everything needed for the week and hope the list is organized.

✓ INSTEAD

Run ``generate_shopping_assignments`` to turn that list into specific, actionable tasks for whoever is doing the shopping.

The Right Fit

Connect this MCP if you manage meal logistics for seniors, large households, or tight budgets. Do not connect it if you only need simple recipe suggestions without any concern for physical storage or delivery timing. The deciding factor is whether you need to account for real-world constraints like fridge space and budget limits.

Care Meal Logistics Plan Tools

These tools handle the physical and temporal constraints of food management, from storage capacity to delivery timing.

#	TOOL	DESCRIPTION
01	create_storage_checklist	This tool builds a spatial plan to make sure your groceries actually fit in your available storage space.
02	generate_shopping_assignments	This tool takes your required food items and turns them into specific, organized shopping tasks.
03	plan_meal_schedule	This tool generates a cohesive timeline for when meals should arrive and when they should be consumed.
04	setup_feedback_loop	Use this to create a way for users to report issues so the plan can be adjusted.

See It in Action

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

- U** Create a meal schedule for Italian food with home delivery, assuming a helper is available between 10 AM and 2 PM.



10:00 AM: Meal Delivery (Assigned to Helper A)
12:30 PM: Meal Service (Assigned to Helper A)

- U** Generate a shopping list for a Mediterranean meal plan with a budget of \$50 and no peanuts.



1. Greek Salad (\$12.00, Produce)
2. Chicken Breast (\$15.00, Meat)
3. Feta Cheese (\$8.00, Dairy)
4. Olives (\$6.00, Pantry)
5. Cucumber (\$4.00, Produce)

- U** Check if these items will fit in my small fridge: milk, eggs, yogurt, and butter.



Milk: Fridge (Fits)
Eggs: Fridge (Fits)
Yogurt: Fridge (Fits)
Butter: Fridge (Fits)

Frequently Asked Questions

01 How does this MCP handle dietary restrictions?

The MCP treats dietary restrictions as strict constraints that the agent must respect when generating meal schedules and shopping lists.

02 Can I use this with Claude or Cursor?

Yes, you can connect this MCP to any MCP-compatible client like Claude, Cursor, or Windsurf.

03 Does it help with grocery shopping?

Yes, it uses the `generate_shopping_assignments` tool to turn meal requirements into specific shopping tasks.

04 Will it tell me if my fridge is too full?

Yes, the `create_storage_checklist` tool helps plan food storage to ensure everything fits in your available space.

05 How do I fix a mistake in the meal plan?

You can use the `setup_feedback_loop` tool to establish a way for users to report issues and correct the plan.

06 How does the tool handle dietary restrictions?

The `'generate_shopping_assignments'` tool filters all items against the provided dietary restrictions to ensure no prohibited ingredients are included in the shopping list.

07 Can I schedule deliveries if no one is home?

No. The `'plan_meal_schedule'` tool requires helper availability. If a requested delivery window does not align with when a helper is present, the tool will return an error.

08 How do I know if my food will fit in my fridge?

You can use `'create_storage_checklist'` by providing your available storage capacity. The tool will then provide a checklist indicating if items fit or if space is tight.

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>"care-meal-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

Care Meal 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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DOCUMENT INFORMATION

Generated	September 2026
MCP Server	Care Meal Logistics Plan MCP
Server ID	01a0d436-1c49-7055-af2a-25643e66d562
Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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