

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

Family Care Calendar MCP

Coordinate complex caregiving schedules and helper rotations automatically.

Family Care Calendar MCP acts as a scheduling engine for caregiving logistics. It reconciles recipient needs with helper availability and specific coverage rules to build reliable schedules. Your AI client uses this to manage task distribution, verify caregiver qualifications, and catch scheduling conflicts before they happen.

A+ Quality Score 100/100

caregiving

scheduling

logistics

family-care

automation



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.

Family Care Calendar MCP

4 tools available

Cloud-hosted on Vinkius

Managing caregiving is a constant puzzle of matching the right person to the right task at the right time. This MCP handles the heavy lifting of logistics. Instead of manually checking who is free and who has the right skills, you let your AI agent run the math. It looks at the specific needs of the recipient, the availability of your helpers, and the rules you set for coverage. You can use it to build full weekly schedules, check if a specific caregiver is actually qualified for a high-dependency task, or spot travel time violations that would make a schedule impossible. It also helps keep things fair by calculating rotation priorities so the same person isn't stuck with every difficult shift. It turns a messy spreadsheet of names and times into a structured, conflict-free plan.

Core Capabilities

01 — Automated Scheduling

Your agent builds full care calendars by reconciling availability and task requirements.

02 — Skill Verification

The AI checks helper qualifications against specific task needs to ensure safety.

03 — Conflict Detection

Your agent identifies impossible schedules caused by overlapping times or insufficient travel windows.

04 — Fairness Logic

The MCP calculates rotation priorities to prevent caregiver burnout through even task distribution.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/family-care-calendar — connect your AI agent in three steps.

- 01 Connect your preferred AI client to the Vinkius hosted MCP.
- 02 Provide your list of tasks, helper availability, and skill levels to your agent.
- 03 Ask your agent to calculate the calendar or check for specific conflicts.
- 04 Review the generated schedules or error reports provided by the AI.

You connect the MCP to your AI client and start providing care data.

Built For

This MCP is built for anyone managing teams of caregivers or coordinating complex family support needs.

Care Coordinators

They hand off the task of matching staff availability to patient needs.

Family Care Managers

They use the agent to organize help for elderly or disabled family members.

Logistics Leads

They rely on the tool to catch travel time errors and scheduling overlaps.

What Changes When You Connect

- 01 Reduces scheduling errors by checking skill levels and travel times.
- 02 Balances workloads using rotation priority logic.
- 03 Automates the creation of complex care calendars from raw data.

04 Prevents double-booking through automated conflict detection.

Real-World Applications

Weekly Staffing

Generate a full week of care assignments based on a list of available helpers and their specific skills.

Travel Time Management

Ensure caregivers have enough time to move between different locations or homes.

Skill-Based Assignment

Verify that a caregiver with Level 2 skills isn't assigned to a Level 3 high-dependency task.

Workload Balancing

Use rotation priorities to make sure one helper doesn't end up with all the heavy shifts.

Patterns to Avoid

Manual skill verification

❌ AVOID

You assign a high-dependency task to a new helper because you forgot to check their training level.

✓ INSTEAD

Let your agent run ``validate_helper_eligibility`` to ensure the helper's skill level matches the task requirements.

Ignoring travel gaps

❌ AVOID

You schedule two back-to-back visits in different neighborhoods without accounting for the drive time.

✓ INSTEAD

Use ``detect_scheduling_conflicts`` to catch travel time violations before they become real-world problems.

Uneven shift distribution

❌ AVOID

You keep giving the hardest shifts to your most reliable person, leading to burnout.

✓ INSTEAD

Run ``generate_rotation_priority`` to get a fair list of who should take the next shift.

The Right Fit

Connect this MCP if you manage a team of caregivers or coordinate support for family members with complex needs. Do not connect it if you are managing a single person's schedule without any rotation or skill requirements. The deciding factor is whether you need to reconcile availability against specific task constraints.

4 Tools for Managing Caregiver Logistics

These tools handle the math behind scheduling, skill matching, and workload distribution.

#	TOOL	DESCRIPTION
01	calculate_care_calendar	This tool generates complete, structured schedules by matching tasks to available helpers.
02	detect_scheduling_conflicts	This tool identifies overlaps in assignments or violations of required travel times between tasks.
03	generate_rotation_priority	This tool calculates a priority list to ensure tasks are distributed fairly among your helpers.
04	validate_helper_eligibility	This tool checks if a specific helper has the necessary skill level required for a task.

See It in Action

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

- U** Generate a care calendar for these tasks: [{"name": "Medication", "start": "2024-07-04T08:00:00", "end": "2024-07-04T08:30:00", "skill": "Level_2"}] with these helpers: [{"name": "Alice", "availability": "08:00-12:00", "skill": "Level_2"}] and this recipient: [{"name": "Bob", "preferences": []}]



The care calendar has been generated. Alice is assigned to the Medication task at 08:00 AM on July 4th, 2024.

- U** Is Alice eligible for a High-Dependency task requiring Level_3 skill?



No, Alice is not eligible because her skill level is Level_2 and the task requires Level_3.

- U** Check for conflicts in these assignments: [{"task": "Task A", "helper": "Alice", "start": "10:00", "end": "11:00"}, {"task": "Task B", "helper": "Alice", "start": "11:15", "end": "12:00"}] with a 30 minute travel time.



A conflict was detected: the gap between Task A and Task B is only 15 minutes, which is less than the required 30 minute travel time.

Frequently Asked Questions

01 How does this MCP handle caregiver skills?

The MCP uses a validation tool to compare a helper's specific skill level against the requirements of a task to ensure they are eligible.

02 Can it detect travel time issues?

Yes, you can provide required travel times, and the tool will flag any assignments where the gap between tasks is too short.

03 What AI clients can I use with this?

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

04 Does it help with fair scheduling?

Yes, it includes a tool to generate rotation priorities, which helps distribute tasks evenly among helpers.

05 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you, so it is ready to use immediately after you connect.

06 How do I generate a full schedule?

You can use the ``calculate_care_calendar`` tool by providing tasks, recipients, helpers, and appointments.

07 Can the tool check if a caregiver is qualified?

Yes, the ``validate_helper_eligibility`` tool checks if a helper's skill level matches the task requirements and recipient preferences.

08 How are scheduling conflicts identified?

The ``detect_scheduling_conflicts`` tool identifies time overlaps or violations of required travel time between tasks.

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>"family-care-calendar": { "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

Family Care Calendar 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
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