

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 Activity Planner MCP.

Handle family logistics, budgets, and schedules through your AI client.

Family Activity Planner MCP handles the messy logistics of family life. It manages registration deadlines, keeps you within budget, and tracks the gear you need for upcoming events. Instead of juggling spreadsheets, you use your AI client to check if a new trip fits your current spending or to generate a full itinerary with payment dates and equipment checklists.



Quality Score 100/100

family

logistics

scheduling

budgeting

itinerary



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 Activity Planner MCP

4 tools available

Cloud-hosted on Vinkius

Managing a family schedule involves more than just picking a date. You have to track registration windows, stay under a specific budget, and make sure everyone has the right gear. This MCP acts as a logic engine for those constraints. You can hand your agent a list of potential activities, and it will tell you if they actually fit your current financial and time limits.

If a planned trip falls through because it's too expensive or the deadline passed, the MCP finds alternatives that work with your existing plans. It also pulls together gear lists so you aren't scrambling for equipment at the last minute. Whether you are planning a single weekend outing or a whole summer of camps, this tool keeps the math and the deadlines straight so you don't have to.

Core Capabilities

01 — Constraint Validation

The AI checks if new activities violate your set budget or time limits.

02 — Itinerary Generation

The AI builds a sequence of events including payment deadlines.

03 — Gear Consolidation

The AI aggregates all necessary equipment into one list.

04 — Alternative Discovery

The AI finds new options when your primary choice is unavailable.

One Click on Vinkius — From Prompt to Execution

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

- 01 Connect the MCP to Claude, Cursor, or Windsurf via Vinkius.
- 02 Provide your activity details, budget, and current date to your AI client.
- 03 Ask the agent to validate a plan or generate a registration sequence.
- 04 Review the resulting itineraries, budget checks, or gear lists.

Connect the MCP to your AI client and start managing logistics through natural language.

Built For

This is for anyone managing complex household logistics and multiple schedules.

Parents

Hand off the math of budgeting for multiple kids' activities and tracking registration dates.

Event Organizers

Use the tool to verify if a proposed schedule works for a group within a specific budget.

Household Managers

Delegate the creation of equipment checklists and payment calendars to your agent.

What Changes When You Connect

- 01 Prevents overspending by checking every new activity against your remaining budget.
- 02 Avoids missed opportunities by tracking registration deadlines automatically.

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- 03** Reduces packing errors by consolidating gear lists for all activities.
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- 04** Solves scheduling conflicts by suggesting viable alternatives.
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Real-World Applications

Summer Camp Planning

Manage multiple camp registrations, their specific costs, and the gear required for each.

Budget Tracking

Keep a running total of activity costs to ensure you don't exceed your monthly limit.

Weekend Trip Logistics

Verify if a new hiking trip fits into your existing weekend budget and schedule.

Equipment Management

Get a single list of everything you need to pack for a series of outdoor activities.

Patterns to Avoid

Ignoring budget constraints

❌ AVOID

You tell your agent to book three different summer camps without checking if you have the cash available first.

✓ INSTEAD

Always run ``validate_activity_feasibility`` before adding a new event to ensure it fits your current financial limits.

Manual gear tracking

❌ AVOID

You try to write out separate packing lists for every single weekend trip and camp session.

✓ INSTEAD

Use ``get_equipment_summary`` to pull everything into one master list so you don't miss anything.

Missing registration windows

❌ AVOID

You realize a camp is full only after you try to sign up, missing the deadline entirely.

✓ INSTEAD

Run ``generate_registration_plan`` to get a clear timeline of when payments and signups are due.

The Right Fit

Connect this MCP if you manage complex household schedules with strict budgets or specific gear requirements. Do not connect it if you only plan one-off events without financial or equipment constraints. The deciding factor is whether your planning requires tracking multiple moving parts like deadlines and costs.

Family Activity Planner MCP Tools

These tools handle the math and logistics of your family schedule. They manage budget limits, registration deadlines, and equipment lists.

#	TOOL	DESCRIPTION
01	find_activity_alternates	This tool suggests different activities when your first choice doesn't work due to budget or scheduling issues.
02	generate_registration_plan	This tool builds a full itinerary including when to pay and what gear you need to pack.
03	get_equipment_summary	This tool creates a single, consolidated list of all gear required for your selected activities.
04	validate_activity_feasibility	This tool checks if a new activity fits within your current budget and schedule constraints.

See It in Action

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

- U** Create a registration plan for these activities: Swimming (\$50, starts 2024-06-01, deadline 2024-05-25, gear: goggles), Hiking (\$30, starts 2024-06-05, deadline 2024-05-30, gear: boots). My budget is \$100, current date is 2024-05-20, and I need 1 hour between activities.



Your registration sequence is: 1. Swimming (Register by 2024-05-25), 2. Hiking (Register by 2024-05-30). Total cost is \$80. Your equipment checklist includes: goggles, boots.

- U** Check if a Museum trip (\$40, starts 2024-07-10) is feasible with my current plan: Swimming (\$50, starts 2024-06-01) and a budget of \$80.



No, the Museum trip is not feasible because it would exceed your remaining budget.

- U** What equipment do I need for Swimming and Hiking?



You will need: goggles, boots.

Frequently Asked Questions

01 How does this MCP help with budgeting?

The MCP checks any new activity against your current spending to ensure you stay within your defined budget limits.

02 Can I use this with Claude or Cursor?

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

03 What happens if an activity is too expensive?

The MCP can suggest alternative activities that fit your existing budget and schedule constraints.

04 Does it track gear requirements?

Yes, it can consolidate all equipment needed for a specific set of activities into one list.

05 How does it handle deadlines?

The MCP includes registration deadlines in its generated plans to help you stay on track.

06 How does the tool handle budget constraints?

The engine ensures the sum of all registration fees does not exceed the specified family budget. If an activity is too expensive, it will be flagged in the conflicts section.

07 Can it manage travel time between activities?

Yes, by using the `transportBuffer` parameter, the tool prevents scheduling overlaps by accounting for the time needed to travel between locations.

08 What happens if a registration deadline has passed?

The tool checks the `currentDate` against all activity deadlines. If a deadline has passed, that activity will be excluded from the plan.

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-activity-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

Family Activity 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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Server ID	01a0e553-498e-72f3-9708-a0f1459f0acf
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

LICENSE & USAGE

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