

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

Extracurricular Equipment Planner MCP

Keep your gear ready for every scheduled activity.

Extracurricular Equipment Planner MCP acts as a logistics engine for your gear. It turns your activity schedules into actionable buying lists, packing checklists, and maintenance schedules. It handles the math on lead times, budget limits, and shared inventory so you don't have to. Your AI client can now manage the entire lifecycle of your equipment from purchase to retirement.

A+ Quality Score 100/100

planning

equipment

budgeting

maintenance

logistics



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.

Extracurricular Equipment Planner MCP

4 tools available

Cloud-hosted on Vinkius

Managing gear for clubs, camps, or sports teams is a logistical headache. You have to track what you own, what you need to buy, and when things are going to break. This MCP handles that heavy lifting by connecting your activity calendar to your inventory needs. Instead of manually checking spreadsheets, you can ask your AI client to look at your upcoming schedule and tell you exactly what to order or what needs a repair. It accounts for how long shipping takes and how much money you have left in the budget. You can generate staged purchase plans to spread out costs or pull up specific packing lists for an upcoming event. It also keeps an eye on your equipment health, flagging items that need maintenance based on how much they've been used. It's about making sure the right gear is in the right place at the right time without overspending.

Core Capabilities

01 — Staged Purchasing

Your agent uses this to spread out equipment costs over time.

02 — Inventory Auditing

The AI checks your current stock against upcoming activity requirements.

03 — Maintenance Tracking

Your client identifies gear that needs repair before it fails during use.

04 — Packing Preparation

The AI builds granular checklists for specific events or trips.

05 — Budget Oversight

Your agent monitors spending against your set limits.

One Click on Vinkius — From Prompt to Execution

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

- 01 Connect your preferred MCP client to Vinkius.
- 02 Select the Extracurricular Equipment Planner from the catalog.
- 03 Ask your AI client to look at your upcoming schedule or budget.
- 04 Receive actionable buying plans, checklists, or maintenance alerts.

Getting this running takes just a few steps to connect your AI to your logistics data.

Built For

This MCP is built for anyone managing physical assets for organized groups.

Camp Directors

They hand off seasonal procurement and gear maintenance tasks to the AI.

Athletic Coordinators

They use the AI to manage sports equipment lifecycles and tournament prep.

Club Administrators

They delegate budget tracking and equipment checklists to their AI agent.

What Changes When You Connect

- 01 Reduces gear shortages by calculating lead times for orders.
- 02 Prevents overspending by tracking budget utilization in real time.
- 03 Extends equipment life by flagging items for maintenance based on usage.

04 Eliminates packing errors with event specific checklists.

Real-World Applications

Summer Camp Prep

Plan out all tent and sleeping bag purchases months in advance to stay under budget.

Sports Season Kickoff

Check equipment health and order replacement jerseys or balls before the first game.

Event Logistics

Generate exact packing lists for a weekend tournament to ensure nothing is left behind.

Budget Management

Get a high level view of how much money is left for the season's equipment needs.

Patterns to Avoid

Manual inventory guessing

❌ AVOID

You try to estimate how many tents you have left by looking at a messy spreadsheet before a camp season starts.

✓ INSTEAD

Let the AI check your current stock against upcoming requirements to find gaps. Use ``get_procurement_summary`` to see exactly what is missing and how it affects your budget.

Reactive equipment repairs

❌ AVOID

You wait until a piece of gear breaks during a tournament before realizing it was already worn out.

✓ INSTEAD

Stay ahead of failures by checking equipment health based on usage. Use ``get_maintenance_schedule`` to identify items that need attention before they fail in the field.

Last minute packing rushes

❌ AVOID

You realize an hour before a trip that you forgot to pack the essential small items for the team.

✓ INSTEAD

Build granular checklists for every event. Use ``get_bag_checklists`` to ensure every specific item is accounted for before you leave.

The Right Fit

Connect this MCP if you manage physical gear for organized groups like sports teams or summer camps. Do not connect it if you only manage digital assets or services. The decision depends on whether your scheduling needs directly dictate your physical inventory requirements.

Extracurricular Equipment Planner Tools

These tools bridge the gap between your activity calendar and your physical inventory. Use them to automate procurement, maintenance, and packing workflows.

#	TOOL	DESCRIPTION
01	get_bag_checklists	Generates a specific list of items you need to pack for a scheduled event.
02	get_buying_plan	Creates a chronological sequence of necessary purchases based on your needs.
03	get_maintenance_schedule	Identifies which pieces of equipment need attention due to age or usage.
04	get_procurement_summary	Provides a high level overview of what you have bought, what is missing, and your budget status.

See It in Action

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

U Generate a buying plan for my upcoming summer camp activities with a budget of \$500.



Here is your staged buying plan: 1. Order tents on May 1st (\$200), 2. Order sleeping bags on May 15th (\$250). Total spent: \$450. Remaining budget: \$50.

U What do I need to pack for the Soccer Tournament on Saturday?



For the Soccer Tournament, you need to pack: 12 soccer balls, 20 cones, and 2 sets of jerseys.

U Show me a summary of my current procurement status.



Current status: 50 items needed, 30 items in stock, 20 items to order. Budget utilization is at 65%.

Frequently Asked Questions

01 How does this MCP help with budgeting?

It tracks your spending against set limits and generates staged buying plans to help you manage cash flow over time.

02 Can I use this with Claude or Cursor?

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

03 Does it track when equipment needs to be fixed?

Yes, the maintenance tool identifies equipment that needs attention based on how much it has been used or how much time has passed.

04 How does it handle different events?

You can request specific bag checklists for any scheduled activity to ensure you have the right items packed.

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 does the buying plan handle budget limits?

The ``get_buying_plan`` tool calculates the total cost of required items and flags any budget violations if the total exceeds your specified funds.

07 Can I reuse equipment across different activities?

Yes. The engine uses shared-item reuse logic to identify if equipment can be used for multiple activities without overlapping schedules, reducing unnecessary purchases.

08 How are maintenance tasks identified?

Maintenance is triggered via ``get_maintenance_schedule`` when an item's usage count exceeds its threshold or when the time since its last service exceeds the allowed interval.

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>"extracurricular-equipment-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

Extracurricular Equipment 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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