

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

Assistive Equipment Trial Planner MCP

Organize and execute clinical equipment trials with precision.

Assistive Equipment Trial Planner MCP handles the heavy lifting of coordinating assistive technology testing. It manages the entire lifecycle from the first schedule to the final purchase decision. You can use it to build timelines, generate activity checklists, and pull standardized observation templates to ensure every trial is documented and every vendor interaction is handled correctly.

A+ Quality Score 100/100

assistive-tech

trial-management

clinical-evaluation

equipment-testing

caregiving



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.

Assistive Equipment Trial Planner MCP

5 tools available

Cloud-hosted on Vinkius

You can use this MCP to run structured, professional trials for assistive technology. Instead of juggling messy notes and scattered schedules, you give your AI client the ability to build chronological timelines and specific task checklists for any environment. When you are out in the field, the MCP provides standardized templates so your real-time performance data stays consistent across different users and devices. It also helps you stay organized with vendors by providing the exact steps needed for communication and helps you prepare for the final decision meetings where you determine if a piece of equipment actually meets a user's needs. It turns a chaotic testing period into a repeatable, data-driven process.

Core Capabilities

01 — Timeline Generation

Your agent creates chronological schedules to keep trials on track.

02 — Activity Mapping

The AI builds checklists to ensure all testing tasks are completed in specific environments.

03 — Data Standardization

Your agent provides templates to keep real-time observations consistent.

04 — Vendor Coordination

The MCP outlines the necessary steps for communicating with equipment suppliers.

05 — Decision Support

Your agent prepares formal agendas for final equipment evaluation meetings.

One Click on Vinkius — From Prompt to Execution

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

- 01 Connect your AI client to the Vinkius hosted MCP.
- 02 Ask your agent to generate a trial schedule or task checklist.
- 03 Use the observation templates to record data during the live trial.
- 04 Request a meeting agenda to finalize the equipment decision.

Connect your preferred AI client to Vinkius to start managing trials immediately.

Built For

This MCP is built for professionals managing the testing and implementation of assistive devices.

Occupational Therapists

You hand off the task of creating observation templates and trial checklists to your agent.

Clinical Coordinators

You use the MCP to manage trial timelines and vendor communication steps.

Care Managers

You rely on the tool to prepare agendas for decision meetings regarding equipment purchases.

What Changes When You Connect

- 01 Standardizes how performance data is recorded during trials.
- 02 Reduces scheduling errors by generating chronological timelines.

- 03

Ensures vendor interactions follow a specific, necessary sequence.
- 04

Provides structured checklists for testing in diverse environments.

Real-World Applications

Wheelchair Trials

Set up a strict 14-day window for testing a motorized wheelchair to ensure it is returned to the vendor on time.

Final Purchase Decisions

Prepare a formal agenda for a meeting between a user and a therapist to decide on grab bar installation.

Home Environment Testing

Create a checklist for testing a walker's stability while navigating hallways and doorways.

Vendor Management

Follow a specific sequence of actions to coordinate with suppliers during an equipment trial.

Patterns to Avoid

Manual Data Entry Chaos

❌ AVOID

You try to scribble notes on scraps of paper during a wheelchair trial and then manually type them into a spreadsheet later.

✓ INSTEAD

Use the ``get_observation_template_tool`` to get a standardized format for recording real-time data immediately while you are testing.

Unstructured Trial Timelines

❌ AVOID

You tell a client a trial starts Monday but forget to account for the vendor return deadline.

✓ INSTEAD

Run the ``generate_trial_schedule_tool`` to build a full chronological timeline that includes all necessary steps.

Missing Vendor Steps

❌ AVOID

You call a supplier to check on a piece of equipment but realize halfway through that you missed a required protocol.

✓ INSTEAD

Check the `get\_supplier\_communication\_steps\_tool` first to see the exact sequence of actions needed for vendor contact.

The Right Fit

Occupational therapists and clinical coordinators should connect this MCP if they manage multiple equipment trials at once. It is not for general administrative staff who do not handle direct equipment implementation. The decision depends on whether you need to turn messy field observations into a repeatable, data-driven process.

Assistive Equipment Trial Planner Tools

These tools handle the heavy lifting of trial scheduling, task organization, and standardized data collection.

#	TOOL	DESCRIPTION
01	create_task_checklist_tool	This tool generates a structured list of specific activities to perform during a trial.
02	generate_trial_schedule_tool	This tool builds a chronological timeline for your entire trial process.
03	get_observation_template_tool	This tool produces a standardized format for you to record real-time data while testing equipment.
04	get_supplier_communication_steps_tool	Use this to get the specific sequence of actions required to talk to your equipment vendors.
05	prepare_decision_meeting_agenda_tool	Use this to outline the formal meeting where you decide whether to keep or return equipment.

See It in Action

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

U Create a 14-day trial schedule for a motorized wheelchair that must be returned by October 20th.



The trial for the motorized wheelchair will start today and run for 14 days, concluding on October 20th to meet your supplier return deadline.

U Generate a task checklist for testing a walker in a home environment with success criteria of stability and ease of use.



The checklist includes walking through hallways, navigating doorways, and using stairs, all evaluated against stability and ease of use metrics.

U I need to prepare for a meeting to decide if we should keep the new grab bars. The attendees are the primary user and an occupational therapist.



The decision meeting agenda is ready, focusing on comparing trial observations against the stability and grip success criteria with the primary user and therapist.

Frequently Asked Questions

01 What AI clients can I use with this MCP?

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

02 Do I need to host the MCP myself?

No, Vinkius hosts and manages the MCP for you. You just connect your client and start using the tools.

03 Can this MCP help with vendor communication?

Yes, it includes a tool specifically designed to provide the necessary sequence of actions for interacting with vendors.

04 How does the tool help with clinical data?

It provides standardized observation templates to ensure real-time performance data is recorded in a consistent format.

05 Can I use this to plan specific trial durations?

Yes, you can ask your agent to generate a chronological timeline for a specific number of days or by a specific deadline.

06 How do I create a testing timeline?

You can use the ``generate_trial_schedule`` tool by providing the equipment name, the intended duration in days, and the supplier's return deadline. Tools available: ``generate_trial_schedule_tool``, ``create_task_checklist_tool``, ``get_observation_template_tool``.

07 Can I use this to record observations during a trial?

Yes, the ``get_observation_template`` tool generates a standardized format for recording qualitative notes and quantitative scores for specific tasks.

08 How do I handle communication with the equipment supplier?

The ``get_supplier_communication_steps`` tool provides a sequence of actions for requesting trial extensions or initiating equipment returns.

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>"assistive-equipment-trial-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

Assistive Equipment Trial 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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Platform	Vinkius Cloud for AI Agents
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LICENSE & USAGE

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