

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

Accessible Commute Planner MCP

Build reliable transit schedules that respect your mobility needs.

Accessible Commute Planner MCP connects your AI agent to specialized transit logistics. It builds weekly itineraries that account for specific mobility equipment, transfer limits, and real-time contingency needs. Instead of generic directions, your agent provides actionable routes and backup plans that respect your non-negotiable physical constraints.

A+ Quality Score 100/100

mobility

transit

planning

accessibility

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.

Accessible Commute Planner MCP

4 tools available

Cloud-hosted on Vinkius

You shouldn't have to worry if a transit route can actually accommodate your wheelchair or if a station has a working elevator. This MCP gives your AI client the logic needed to handle complex mobility requirements. You can use it to build a full week of travel plans that strictly follow your rules for transfers and equipment. When things go wrong, like a delayed bus or a broken lift, your agent doesn't just give up. It uses the tools here to find secondary routes and provides a specific checklist to help you manage the disruption. It turns your AI from a simple chatbot into a practical logistics coordinator that understands the physical realities of your commute.

Core Capabilities

01 — Constraint-Based Routing

Your agent builds routes that respect specific mobility equipment and transfer limits.

02 — Weekly Scheduling

The AI generates full weekly itineraries instead of single trips.

03 — Contingency Planning

Your agent identifies secondary routes when the primary plan is interrupted.

04 — Logistical Preparation

The AI identifies necessary booking and contact actions before you leave.

05 — Disruption Management

Your agent provides checklists to handle transit delays or interruptions.

One Click on Vinkius — From Prompt to Execution

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

- 01 Connect your preferred MCP-compatible client to Vinkius.
- 02 Provide your mobility constraints and schedule requirements to your AI agent.
- 03 The agent uses the MCP tools to calculate routes and backup plans.
- 04 Receive a structured weekly itinerary or a specific disruption checklist.

Connect your client to Vinkius and start planning immediately.

Built For

This MCP is for anyone who relies on specific transit configurations to navigate their daily life.

Commuters with mobility needs

Users who hand off their physical constraints to an AI to get reliable, accessible routes.

Accessibility Coordinators

Professionals who use the tool to verify transit logistics for clients.

Personal Assistants

Individuals who use the AI to manage the logistical preparation and backup plans for others.

What Changes When You Connect

- 01 Routes respect non-negotiable mobility constraints.
- 02 Secondary plans are ready when primary routes fail.
- 03 Logistical steps are identified before you depart.

04 Disruption checklists provide immediate direction during delays.

Real-World Applications

Daily Commuting

Generate a consistent weekly schedule that avoids excessive transfers for wheelchair users.

Emergency Response

Get a checklist of actions to take when a bus or train is delayed.

Trip Preparation

Identify if you need to book an accessible taxi or notify station staff in advance.

Route Redundancy

Find alternative paths when a primary station becomes inaccessible.

Patterns to Avoid

Generic route requests

❌ AVOID

Asking your agent for the fastest way to get from point A to point B without mentioning mobility needs.

✓ INSTEAD

Specify your exact equipment and transfer limits so the agent can use `get_weekly_commute_plan` to build a route that actually works for you.

Ignoring trip preparation

❌ AVOID

Assuming a station is ready for your arrival without checking if you need to notify staff or book a taxi.

✓ INSTEAD

Run `get_booking_and_contact_actions` before you leave to identify every necessary logistical step.

Panic during transit delays

❌ AVOID

Trying to figure out a new path on the fly when a lift breaks or a bus is late.

✓ INSTEAD

Use `get_disruption_checklist` to get immediate direction and `get_backup_arrangements` to find a secondary route right away.

The Right Fit

Connect this MCP if you rely on specific transit configurations like elevators or wheelchair-accessible transfers. Do not connect it if you are looking for general travel advice or high-speed transit options that ignore physical accessibility. The decision comes down to whether your commute requires strict adherence to mobility constraints.

Accessible Commute Planner Tools

These tools handle the heavy lifting of mobility-aware routing, weekly scheduling, and real-time disruption management.

#	TOOL	DESCRIPTION
01	get_backup_arrangements	This tool provides secondary route options if your primary transit plan fails.
02	get_booking_and_contact_actions	Use this to identify the specific logistical steps needed to prepare for or finalize your trip.
03	get_disruption_checklist	This tool generates a logistical checklist to follow when you encounter a transit interruption.
04	get_weekly_commute_plan	This tool builds a full weekly schedule of optimized routes based on your specific mobility 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 weekly commute plan for a user with a power wheelchair who needs to arrive at work by 9:00 AM and prefers no more than 1 transfer.



Your weekly schedule is ready. Monday through Friday, you will depart at 8:15 AM via the accessible shuttle, arriving at 8:50 AM with 0 transfers.

U What should I do if my bus is delayed and I have a service animal?



Follow these logistical steps: 1. Check the secondary transit app for real-time updates. 2. Locate the nearest accessible station exit. 3. Contact the transit assistance desk.

U What actions do I need to take to prepare for my commute tomorrow?



You need to complete the following: 1. Book the accessible taxi via the mobile app. 2. Notify the station staff for boarding assistance.

Frequently Asked Questions

01 How does this MCP handle wheelchair users?

The tool uses specific constraints to ensure routes respect mobility equipment and transfer limits.

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 What happens if my planned route is blocked?

The MCP includes a tool to provide secondary route options as backup arrangements.

04 Does it help with booking transit?

It identifies the necessary logistical steps and contact actions needed to finalize your commute.

05 Is this just a list of bus routes?

No, it is a planning tool that generates weekly schedules and contingency protocols based on your specific needs.

06 How does the tool handle mobility equipment?

The ``get_weekly_commute_plan`` tool uses your specified mobility equipment to filter for routes that meet all physical requirements, such as ramp access or door width.

07 Can I get backup routes if my primary plan is interrupted?

Yes, you can use ``get_backup_arrangements`` to generate secondary route options that still respect your mobility constraints and departure windows.

08 Does this provide medical advice during disruptions?

No. The ``get_disruption_checklist`` tool provides purely logistical steps, such as locating exits or checking secondary apps, and does not provide medical or physical health advice.

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>"accessible-commute-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

Accessible Commute 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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