

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 Home Entry Planner MCP

Organize your physical space for easier home access.

Accessible Home Entry Planner helps you manage the logistics of entering and exiting your home. It provides a framework to organize your entryway, communicate specific needs to landlords or building managers, and create clear instructions for visitors and delivery drivers. You can use it to build long-term accessibility roadmaps or immediate, non-structural layout changes.

A+ Quality Score 100/100

accessibility

home-entry

planning

inclusion

organization



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 Home Entry Planner MCP

4 tools available

Cloud-hosted on Vinkius

You can use this MCP to solve the practical hurdles of navigating your home's entrance. Instead of guessing how to rearrange furniture or how to ask a landlord for a change, you can use your AI client to generate specific, actionable plans. It focuses on non-structural adjustments, meaning you can improve your daily movement without needing a construction crew.

If you need to talk to a building manager, the MCP helps you draft formal briefs that explain your needs clearly. If you're expecting a delivery, it can write the exact instructions a driver needs to follow to ensure your package lands in a safe, accessible spot. It also helps you think ahead. You can map out a phased plan to improve your access over months or years, or simply get a quick suggestion for a better entryway arrangement based on the width of your door or the weight of the items you carry.

Core Capabilities

01 — Communication Drafting

Your agent writes formal briefs for landlords and quick notes for delivery drivers.

02 — Spatial Organization

The AI suggests layout changes based on your door width and physical constraints.

03 — Long-term Planning

It builds phased roadmaps to help you improve access gradually.

04 — Visitor Management

It generates specific protocols to help visitors navigate your entrance safely.

One Click on Vinkius — From Prompt to Execution

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

- 01 Connect your AI client to the Vinkius hosted MCP.
- 02 Describe your entryway constraints and needs to your agent.
- 03 Ask the agent to use specific tools like drafting briefs or generating layouts.
- 04 Receive and use the generated plans, instructions, or roadmaps.

You connect the MCP to your AI client and start planning immediately.

Built For

This MCP is designed for individuals looking to modify their living environment for better accessibility.

Homeowners

They use the MCP to plan non-structural layout changes for better mobility.

Renters

They use the tool to draft professional requests for building managers.

Caregivers

They use it to create instructions for visitors and service providers.

What Changes When You Connect

- 01 Reduces the need for permanent construction by focusing on arrangement.
- 02 Provides professional language for communicating with property managers.

-
- 03** Creates clear, repeatable instructions for delivery and visitor access.
-
- 04** Organizes long-term accessibility goals into actionable phases.
-

Real-World Applications

Landlord Requests

Draft a formal brief to request non-structural entryway changes from a building manager.

Daily Entry Optimization

Get layout suggestions to make carrying groceries or moving through narrow doors easier.

Delivery Coordination

Write specific instructions for drivers to ensure packages are left in accessible locations.

Accessibility Roadmapping

Develop a multi-stage plan to improve home access over a period of months.

Patterns to Avoid

Requesting structural renovations

❌ AVOID

Asking a landlord to tear down a wall or install a new permanent ramp through the building foundation.

✓ INSTEAD

Focus on non-structural changes instead. Use ``generate_entry_arrangement`` to find better ways to organize your current space without construction.

Vague delivery instructions

❌ AVOID

Telling a driver to leave the package near the door without specifying where that is or how to get there.

✓ INSTEAD

Be precise about the drop-off point. Use ``draft_visitor_instructions`` to create clear, repeatable directions for anyone arriving at your home.

Overwhelming accessibility goals

❌ AVOID

Trying to fix every single mobility issue in your home in a single weekend.

✓ INSTEAD

Break the work into manageable steps. Use `'build_phased_action_plan'` to create a realistic roadmap that evolves over months or years.

The Right Fit

Connect this MCP if you need to modify your living space for better mobility without hiring contractors. Do not connect it if you are looking for architectural blueprints or structural engineering advice. The decision depends on whether your needs can be met through spatial reorganization and better communication.

Accessible Home Entry Planner Toolset

These tools handle everything from drafting formal landlord requests to mapping out long-term physical accessibility improvements.

#	TOOL	DESCRIPTION
01	create_decision_maker_brief	This tool writes formal communication briefs for landlords or building managers. It helps you present your accessibility needs in a professional format.
02	draft_visitor_instructions	Use this tool to write clear directions for visitors or delivery personnel. It ensures people know exactly how to assist with your entry.
03	generate_entry_arrangement	This tool suggests non-structural ways to organize your entryway. It looks at your specific physical constraints and needs to find a better layout.
04	build_phased_action_plan	This tool creates a long-term roadmap for improving access. It breaks down improvements into manageable stages over time.

See It in Action

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

U Help me organize my entrance. The door is 32 inches wide, I usually carry heavy groceries, and I value safety and speed.



To optimize your 32-inch entrance for grocery delivery, we suggest placing a stable landing zone for bags immediately inside the door and ensuring the path is clear of obstacles to maintain speed and safety.

U I need to ask my building manager for permission to adjust the entryway layout. The rules say no permanent changes can be made.



Your formal request will emphasize that the proposed adjustments are non-structural and respect all current building rules while addressing your specific accessibility needs.

U Create instructions for my Amazon delivery driver. I have a steep step at the entrance and I need packages left on the porch mat.



Please leave all packages on the porch mat located at the base of the entrance step to ensure they are accessible and secure.

Frequently Asked Questions

01 Does this MCP require construction work?

No. This MCP focuses on non-prescriptive arrangements and layout optimizations that do not require structural changes.

02 How do I use this with Claude or Cursor?

You connect to the Vinkius hosted MCP with one click. Once connected, your AI client can call the tools directly.

03 Can I use this to talk to my landlord?

Yes. You can use the `create_decision_maker_brief` tool to generate a formal request for your landlord or building manager.

04 Will it help with delivery drivers?

Yes. The `draft_visitor_instructions` tool is designed to create clear notes for delivery personnel to follow.

05 Is there a way to plan for the future?

Yes. You can use the `build_phased_action_plan` tool to create a long-term roadmap for improving your home access.

06 Does this tool recommend construction or renovations?

No. The tool is strictly non-prescriptive. It focuses on organizational adjustments, behavioral changes, and optimizing existing space rather than suggesting structural or construction work.

07 How can I use this to talk to my landlord?

You can use the `'create_decision_maker_brief'` tool. It generates a formal request that aligns your needs with existing building rules to minimize friction with property managers.

08 Can I prepare instructions for delivery drivers?

Yes, the `'draft_visitor_instructions'` tool allows you to create specific guidance for different visitor types, such as couriers or medical professionals, to ensure safe and effective entry.

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-home-entry-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 Home Entry 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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Endpoint	https://edge.vinkius.com/{token}/mcp

LICENSE & USAGE

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