

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

Accessibility Repair Request Brief MCP

Turn physical access barriers into professional repair documentation.

Accessibility Repair Request Brief MCP converts accessibility issues into structured, actionable documents. It helps you generate factual request briefs, technical questions for contractors, and project timelines. You can bundle everything into a single, professional package ready for submission to landlords or service providers.

A+ Quality Score 100/100

accessibility

repair

property

documentation

contractor



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.

Accessibility Repair Request Brief MCP

4 tools available

Cloud-hosted on Vinkius

You shouldn't have to struggle to explain a physical access barrier to a contractor or a landlord. This MCP bridges the gap between identifying a problem and getting it fixed. Instead of writing long, messy emails, you use your AI client to turn raw observations about a doorway, a step, or a hallway into formal documentation.

You can use it to build a factual summary of an issue, create a list of technical questions to vet contractors, and estimate how long a repair might take. Once you have the details, the MCP bundles the brief, the questions, and the timeline into a complete package. It's built to make the communication between tenants, landlords, and service providers clear and professional, ensuring that repair requests are understood and acted upon without the usual back-and-forth.

Core Capabilities

01 — Issue Summarization

Your agent uses this to turn raw notes about a physical barrier into a professional brief.

02 — Contractor Vetting

Your agent generates technical questions to ensure contractors understand the specific structural needs.

03 — Project Planning

Your agent estimates the phases and duration of a repair job based on the scope.

04 — Document Bundling

Your agent compiles all individual pieces of information into one submission-ready package.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/accessibility-repair-request-brief — connect your AI agent in three steps.

- 01 Connect your AI client to the MCP through Vinkius.
- 02 Provide your agent with details about the accessibility barrier and the proposed fix.
- 03 Use the tools to generate the brief, technical questions, and timeline.
- 04 Run the documentation packer to bundle everything into a final file.

The process moves from identifying a barrier to submitting a complete documentation package.

Built For

This MCP is built for anyone managing property access or requesting physical modifications to living and working spaces.

Tenants

Use it to create formal, professional repair requests for landlords.

Landlords

Use it to standardize incoming accessibility requests from residents.

Property Managers

Use it to prepare technical documentation for contractors and stakeholders.

What Changes When You Connect

- 01 Reduces back-and-forth communication between residents and contractors.
- 02 Standardizes the way accessibility issues are reported to stakeholders.

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- 03** Provides technical depth to repair requests through targeted questions.
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- 04** Creates predictable project timelines for repair work.
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Real-World Applications

Tenant Repair Requests

A tenant uses the MCP to turn a description of a narrow doorway into a formal request for a landlord.

Project Scheduling

A user estimates how many days a doorway widening project will take to manage expectations.

Contractor Scoping

A property manager generates technical questions to ensure a contractor understands the structural implications of a ramp installation.

Formal Submissions

A stakeholder bundles a brief, a timeline, and technical questions into one package for a formal review.

4 Tools Available

#	TOOL	DESCRIPTION
01	timeline_estimator	This tool calculates the expected stages and total duration of a repair project. It helps you plan for the time needed from site prep to final cleanup.
02	documentation_packer	This tool bundles your completed briefs, questions, and timelines into a single formal package. It's the final step before you submit your request.
03	provider_scope_interrogator	This tool generates technical questions for you to ask contractors. It ensures you cover structural and material details before a job begins.
04	request_brief_generator	This tool creates a professional, factual summary of an accessibility issue. It's designed to present the problem clearly to stakeholders like landlords.

See It in Action

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

- U** I need a summary for a landlord. There is a 5cm step at the front door, the layout is a narrow hallway, and the recommendation is to install a modular ramp. The budget is \$500.



Request Summary: Installation of a modular ramp at the primary entrance to resolve a 5cm step barrier. Stakeholder Authority: Tenant. Budget Status: Within allocated funds.

- U** Generate technical questions for a contractor. The barrier is a narrow doorway (70cm), the layout is a standard residential corridor, and the recommendation is to widen the door to 90cm.



1. Given the narrow hallway, how will the installation of the widened door frame impact the structural clearance of the corridor? 2. What materials are required to maintain the existing wall finish while widening the opening?

- U** Estimate a timeline for widening a doorway with a budget of \$2000.



Phase 1: Site preparation and debris removal (2 days). Phase 2: Structural widening and frame installation (3 days). Phase 3: Finishing and cleanup (2 days). Total estimated duration: 7 days.

Frequently Asked Questions

01 What can this MCP do for my property management business?

It helps you turn physical accessibility complaints into professional, structured repair briefs and technical project plans.

02 How do I use this with my existing AI tools?

You connect once to Vinkius, and then the MCP is available in any compatible client like Claude, Cursor, or Windsurf.

03 Can I use this to talk to contractors?

Yes. The provider scope interrogator tool generates specific technical questions you can send to contractors to ensure they understand the job.

04 Does this help with budgeting?

While it doesn't manage money, it uses budget information to help inform the context of your repair briefs and timelines.

05 Is the documentation ready to send immediately?

Yes. The documentation packer tool is designed to bundle your briefs and timelines into a complete package for submission.

06 Does this tool provide medical assessments?

No. This tool is strictly for generating physical repair documentation and does not provide any medical or health assessments.

07 How can I use the timeline estimator?

You can use the `timeline\_estimator` by providing the professional recommendations and the allocated budget to project the repair phases.

08 Can I generate questions for my contractor?

Yes, the `provider\_scope\_interrogator` generates technical questions specifically tailored to the physical layout and the recommended solution.

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>"accessibility-repair-request-brief": { "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

Accessibility Repair Request Brief 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	<code>https://edge.vinkius.com/{token}/mcp</code>

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