

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

Flooring Project Handoff Plan MCP

Turn renovation data into ready-to-use project logistics.

Flooring Project Handoff Plan MCP handles the messy logistics of flooring renovations. It takes your room dimensions, product choices, and subfloor notes and turns them into specific move-out plans, material delivery checklists, and installation timelines. Your AI client uses these tools to keep crews, deliveries, and site prep perfectly synced.

A+ Quality Score 100/100

flooring

renovation

scheduling

logistics

construction



SCAN TO VIEW

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.

Flooring Project Handoff Plan MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually calculating logistics for every flooring job. This MCP acts as a coordination engine that converts raw site data into actionable documents for your crew and clients. When you feed your agent room dimensions and subfloor details, it builds the specific workflows needed to get the job done without surprises.

Instead of guessing what needs to move, you get a clear sequence for clearing rooms. Instead of wondering if enough material arrived, you get a checklist tied to your specific measurements. It handles the timeline for the installation day, including necessary subfloor prep, and provides a final checklist to ensure the work meets warranty standards. It's built to bridge the gap between initial measurements and the actual physical work on-site.

Core Capabilities

01 — Site Prep Planning

Your agent uses this to determine the sequence for moving furniture and clearing rooms.

02 — Material Verification

The AI checks material arrivals against room measurements to ensure everything is on-site.

03 — Timeline Generation

Your client creates detailed installation day schedules including subfloor preparation steps.

04 — Quality Control

The agent provides checklists to verify installation quality and warranty compliance.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/flooring-project-handoff-plan — connect your AI agent in three steps.

- 01
- Connect your preferred MCP-compatible client like Claude or Cursor to Vinkius.
- 02
- Provide your project data, such as room dimensions and product types, to your AI agent.
- 03
- Ask your agent to generate specific plans like installation schedules or move-out sequences.
- 04
- Use the generated checklists to manage deliveries and final quality inspections.

Connect your AI client to Vinkius to start running flooring logistics.

Built For

This MCP is designed for professionals managing residential or commercial flooring renovations.

Flooring Contractors

They hand off site measurements and product choices to the AI to generate crew schedules.

Project Managers

They use the tool to coordinate material deliveries and site readiness.

Renovation Coordinators

They use the move-out plans to instruct clients on how to prepare their homes.

What Changes When You Connect

- 01
- Converts raw room dimensions into material delivery requirements.
- 02
- Organizes furniture removal into a logical sequence.
- 03
- Builds installation timelines that include subfloor prep work.

04 Provides a final verification step for warranty compliance.

Real-World Applications

Pre-Installation Prep

Use the move-out plan to tell a homeowner exactly which furniture to move before the crew arrives.

Daily Crew Scheduling

Generate a timed itinerary for the installers that includes specific subfloor leveling tasks.

Material Management

Check the delivery checklist against arriving pallets to ensure the square footage matches the order.

Final Walkthroughs

Run the acceptance checklist at the end of a job to ensure the installation meets professional standards.

Patterns to Avoid

Manual logistics guessing

❌ AVOID

You try to estimate how many pallets of flooring should arrive based on a rough guess of the square footage.

✓ INSTEAD

Input your exact room measurements into the MCP and use `get_delivery_checklist` to confirm the order matches the site needs.

Vague homeowner instructions

❌ AVOID

You tell a client to clear the rooms but don't specify which furniture needs to move or when.

✓ INSTEAD

Use `get_move_out_plan` to generate a specific sequence of items the homeowner needs to clear before your crew arrives.

Skipping the final inspection

❌ AVOID

The crew finishes the job and leaves without a formal check to see if the warranty requirements are met.

✓ INSTEAD

Run `get_acceptance_checklist` at the end of the installation to verify everything meets professional standards.

The Right Fit

Flooring contractors and project managers who handle residential or commercial renovations should connect this MCP. If you only do small, single-room repairs where you don't need to coordinate crews or material deliveries, you probably don't need it. The deciding factor is whether you need to turn raw site measurements into a structured plan for a team.

4 Essential Tools for Flooring Project Coordination

These tools turn raw site measurements and room dimensions into actionable schedules, material checklists, and site prep plans.

#	TOOL	DESCRIPTION
01	get_acceptance_checklist	This tool generates a checklist to verify that the installation meets quality and warranty requirements. Use it to confirm the job is finished correctly.
02	get_delivery_checklist	This tool creates a list of required materials and their expected delivery windows. It uses your room measurements to verify what should be on-site.
03	get_installation_schedule	This tool builds a step-by-step timeline for the installation day. It accounts for specific tasks like subfloor prep and debris removal.
04	get_move_out_plan	This tool produces a plan for clearing the work area. It tells you exactly which items to move and the best order to clear rooms.

See It in Action

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

U What do I need to move in the living room and kitchen to prepare for installation?



Move the sofa and coffee table from the living room first, then move the dining set from the kitchen to clear a path for the installers.

U What is the schedule for my installation on 2025-05-15 with a subfloor that needs leveling?



The schedule starts with subfloor leveling at 8:00 AM, followed by debris removal at 10:30 AM, and flooring installation at 1:00 PM.

U How much material should I expect for a 500 sq ft project using Premium flooring?



You should expect a delivery of approximately 550 sq ft of Premium flooring to account for standard waste buffers.

Frequently Asked Questions

01 What kind of data does this MCP need?

It works best when you provide room dimensions, the specific flooring products selected, and any notes regarding subfloor conditions.

02 Can I use this with Claude or Cursor?

Yes. You can connect this MCP to any MCP-compatible client including Claude, Cursor, and Windsurf.

03 How does it handle subfloor issues?

The installation schedule tool incorporates specific subfloor preparation needs into the daily timeline.

04 Does it help with material waste?

Yes, it can calculate expected material deliveries, including standard waste buffers, based on your project square footage.

05 How do I ensure the job meets warranty requirements?

You use the acceptance checklist tool to verify that the final installation meets professional standards and warranty rules.

06 How do I prepare my rooms for the installers?

You can use the ``get_move_out_plan`` tool. Provide your furniture list and room dependencies to receive a specific sequence for clearing your space.

07 Can I verify if my subfloor is ready for the new floor?

The ``get_installation_schedule`` tool uses your professional ``subfloorNotes`` to generate a timeline that includes all necessary preparation steps required for your specific surface.

08 How do I ensure my warranty remains valid after installation?

Use the ``get_acceptance_checklist`` tool. By providing your ``warrantyTerms`` and ``subfloorNotes``, it generates a list of specific compliance checks to perform after the work is done.

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>"flooring-project-handoff-plan": { "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

Flooring Project Handoff Plan 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

LICENSE & USAGE

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