

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

# Household Utility Handover MCP

Manage utility transfers and prevent billing disputes during moves.

Household Utility Handover MCP handles the messy details of switching electricity, water, and gas services between residents. It builds structured documentation, assigns service responsibilities, and creates dated task lists for both incoming and outgoing parties to ensure nothing gets missed during a transition.

**A+** Quality Score 100/100

utility

handover

household

management

transition



# The connectivity layer between AI and the world's software.

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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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Household Utility Handover Sheet MCP

4 tools available

Cloud-hosted on Vinkius

Moving between homes usually involves a headache of meter readings and service transfers. This MCP helps you manage that transition by turning messy utility data into organized, actionable documentation. You can use it to build a clear record of service statuses at the exact moment a handover occurs. It helps you assign specific responsibilities to the right people and creates separate, dated schedules so the outgoing resident knows what to close out and the incoming resident knows what to open. Most importantly, it acts as a check against billing disputes by validating that all meter readings and service assignments are fully captured. Instead of relying on loose notes or emails, your AI client can generate a formal record that keeps both parties accountable for electricity, water, and gas accounts.

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## Core Capabilities

### 01 — Service Documentation

Your agent uses this to build a full overview of utility statuses.

### 02 — Liability Assignment

Your agent uses this to map specific services to the correct resident.

### 03 — Task Scheduling

Your agent uses this to create dated to-do lists for both parties.

### 04 — Data Auditing

Your agent uses this to verify that all meter readings are recorded.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/en/ai-agent-connect/household-utility-handover-sheet](https://vinkius.com/en/ai-agent-connect/household-utility-handover-sheet) — connect your AI agent in three steps.

- 01

Connect your preferred MCP-compatible client to Vinkius.
- 02

Provide your utility data and meter readings to your agent.
- 03

Ask your agent to generate summaries, matrices, or task lists.
- 04

Use the validation tool to confirm the handover is complete.

Connect your AI client to Vinkius to start managing utility transitions.

## Built For

This MCP is built for anyone managing the transition of residential properties.

### Property Managers

They use it to document utility handovers between tenants.

### Homeowners

They use it to ensure they aren't billed for a new resident's usage.

### Relocation Agents

They use it to coordinate service transfers for clients moving homes.

## What Changes When You Connect

- 01

Reduces billing disputes by capturing exact meter readings.
- 02

Separates tasks for incoming and outgoing residents to avoid confusion.
- 03

Creates a formal record of service responsibility.

04 Prevents missed service transfers through completeness checks.

# Real-World Applications

## Tenant Move-out

A tenant uses the tool to document final meter readings and notify providers before leaving.

## New Resident Setup

An incoming resident uses the task lists to ensure all services are active on day one.

## Property Handover Audit

A manager uses the validation tool to confirm all utility data is captured before signing off.

## Service Responsibility Mapping

A household uses the matrix to clarify who pays for which utility during a shared living transition.

# Patterns to Avoid

## Relying on verbal handovers

### ❌ AVOID

You tell the new tenant that the water is already set up and hope they remember to check the meter.

### ✓ INSTEAD

Use ``generate_handover_summary`` to create a formal record of every service status at the moment of handover.

## Vague responsibility assignments

### ❌ AVOID

You leave a note saying the outgoing resident should handle the gas bill before they leave.

### ✓ INSTEAD

Use ``create_responsibility_matrix`` to explicitly define which party is responsible for each service and include account holder contact info.

## Assuming the handover is complete

### ❌ AVOID

You sign off on a property transfer without checking if all the utility data was actually recorded.

### ✓ INSTEAD

Run ``validate_handover_completeness`` to audit the data and ensure no service transfers were missed.

## The Right Fit

Property managers and homeowners moving tenants should connect this MCP to prevent billing disputes. Relocation agents who handle high volumes of moves should avoid it if they only manage simple, single-service properties. The decision depends on whether you need a verifiable audit trail for multiple utility accounts.



# Household Utility Handover Sheet MCP Tools

These tools handle the heavy lifting of documenting meter readings, assigning service responsibilities, and auditing handover completeness.

| #  | TOOL                           | DESCRIPTION                                                                                                                                      |
|----|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | generate_task_lists            | This tool produces two distinct, dated schedules of actions. One list is for the incoming party and the other is for the outgoing party.         |
| 02 | create_responsibility_matrix   | This tool explicitly defines which party is responsible for each service. It also includes contact information for the relevant account holders. |
| 03 | generate_handover_summary      | This tool creates a clear overview of all utility services. It captures the status of every service at the point of handover.                    |
| 04 | validate_handover_completeness | This tool acts as an audit mechanism. It checks if all necessary data points are present to prevent missed service transfers or disputed bills.  |

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## See It in Action

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

- U** Generate a summary for a handover on 2024-05-15 with electricity at 1250 kWh and water at 45 m3.



The handover summary for 2024-05-15 is ready. Electricity is recorded at 1250 kWh and Water at 45 m3.

- U** Create a responsibility matrix for Electricity (Outgoing) and Water (Incoming).



The responsibility matrix has been created. The Outgoing party is responsible for Electricity, and the Incoming party is responsible for Water.

- U** Generate task lists for a handover on 2024-06-01 with a task to notify the gas provider.



The task lists for 2024-06-01 have been generated. The Outgoing party must notify the gas provider.

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## Frequently Asked Questions

### 01 How does this MCP prevent billing disputes?

It uses the validation tool to ensure all meter readings and service assignments are recorded, leaving no gaps in the handover data.

### 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 through the Vinkius platform.

**03 What utilities can I manage?**

The tool is designed for domestic services including electricity, water, and gas.

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**04 Does it create separate lists for different people?**

Yes, the task list tool generates two distinct, dated schedules: one for the incoming party and one for the outgoing party.

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**05 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.

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**06 How can I ensure billing accuracy during a move?**

Use the `generate\_handover\_summary` tool to record meter readings at the exact moment of handover, creating a legal snapshot for providers.

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**07 Can I generate schedules for both parties?**

Yes, the `generate\_task\_lists` tool produces two distinct, dated schedules--one for the Incoming Party and one for the Outgoing Party.

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**08 How do I check if my handover documentation is complete?**

You can run `validate\_handover\_completeness` to audit your data and identify any missing meter readings or unassigned services.

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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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                                                                                           |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  <b>Claude AI</b>  | Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint                               |
|  <b>Cursor</b>     | Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint                      |
|  <b>VS Code</b>  | Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"household-utility-handover-sheet": { "url": "..."} </code> |
|  <b>Windsurf</b> | MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL                                             |
|  <b>ChatGPT</b>  | Settings → Tools & plugins → Add MCP server → Paste endpoint                                                 |
|  <b>Gemini</b>   | 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

# Household Utility Handover Sheet 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](https://cloud.vinkius.com) →**

[vinkius.com](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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