

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

Cleaning Product Inventory Manager MCP

Keep your cleaning supplies stocked and your counts accurate.

Cleaning Product Inventory Manager MCP lets your AI client manage and audit cleaning supply inventories in real time. You can check stock levels, update quantities when shipments arrive, and run audits to ensure your physical counts match your digital records. It connects directly to your preferred AI client for immediate inventory control.

A+ Quality Score 100/100

inventory

cleaning

audit

stock

supply-chain



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.

Cleaning Product Inventory Manager MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually checking supply closets and spreadsheets. This MCP gives your AI client the ability to act as a dedicated inventory manager for your cleaning products. Whether you are managing a single facility or multiple sites, you can use your agent to get a high level overview of what you have on hand or drill down into specific product details like measurement units and classifications. When new shipments arrive, just tell your agent to update the stock. If you suspect a discrepancy, you can run an audit to compare your actual counts against what the system expects. It turns your AI client into a tool that keeps your supply chain moving without the constant manual data entry.

Core Capabilities

01 — Real-time stock updates

Your agent adds new inventory counts immediately after you report a delivery.

02 — Inventory auditing

The AI compares physical counts to system records to identify surpluses or shortages.

03 — Stock level monitoring

Your agent provides instant summaries of all cleaning products in your inventory.

04 — Product classification

The AI retrieves specific measurement units and categories for any item in the list.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/cleaning-product-inventory-manager — connect your AI agent in three steps.

- 01 Connect your preferred AI client to the Vinkius hosted MCP.
- 02 Ask your agent for a summary of your current cleaning supplies.
- 03 Report new deliveries or stock changes using natural language.
- 04 Run an accuracy check whenever you perform a physical count.

Get your inventory management running in minutes through the Vinkius platform.

Built For

This MCP is built for professionals managing physical supply chains where cleaning products are a core requirement.

Facility Managers

They hand off the task of tracking supply levels and auditing stock to their AI agent.

Janitorial Supervisors

They use the agent to report new deliveries and check if supplies are running low.

Inventory Controllers

They rely on the agent to verify that physical inventory matches digital records.

What Changes When You Connect

- 01 Eliminates manual spreadsheet updates by using natural language to change stock levels.
- 02 Identifies inventory discrepancies through direct comparison tools.

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- | | |
|----|--|
| 03 | Provides instant visibility into stock categories and measurement units. |
| 04 | Reduces errors in stock counting by automating the audit process. |
-

Real-World Applications

Receiving Shipments

Tell your agent you received a new pallet of soap to automatically increase your stock counts.

Monthly Audits

Compare your physical shelf counts against the system to find missing or extra items.

Supply Reordering

Ask for an inventory summary to see which products are low before you place a new order.

Product Verification

Check the specific measurement units for a product to ensure you are ordering the right size.

Patterns to Avoid

Manual spreadsheet entry

❌ AVOID

You spend an hour typing every new shipment of floor cleaner into an Excel sheet.

✓ INSTEAD

Just tell your agent you received the shipment and use `add_product_stock` to update the counts instantly.

Guessing stock shortages

❌ AVOID

You assume you have enough disinfectant and realize you're out only when the bottles are empty.

✓ INSTEAD

Ask your agent for a quick status check using `get_inventory_summary` to see exactly what's on hand.

Ignoring count discrepancies

❌ AVOID

You notice the soap shelf looks empty but the spreadsheet says you have ten cases left.

✓ INSTEAD

Run a digital audit by using `verify_stock_accuracy` to compare your physical counts against the system.

The Right Fit

Connect this MCP if you manage physical cleaning supplies across one or more facilities. If you only track digital assets or services, you don't need this. The deciding factor is whether you have physical stock that needs regular counting and updating.



Cleaning Product Inventory Manager Tools

These tools give your agent full control over stock levels, product data, and inventory audits.

#	TOOL	DESCRIPTION
01	add_product_stock	Increases the stock level of an existing cleaning product. Use this when new supplies arrive at your facility.
02	get_inventory_summary	Provides a high level overview of all cleaning products currently in the system. It's the quickest way to see your total stock status.
03	get_product_details	Retrieves the specific measurement unit and classification for a single product. Use this to check how a specific item is categorized or measured.
04	verify_stock_accuracy	Compares the current system stock against a target value you provide. This is how you run a digital audit to find discrepancies.

See It in Action

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

U What is the current stock level for Sanitizers?



The current stock for Sanitizers includes: All-Purpose Cleaner: 50 liters, Glass Cleaner: 20 liters.

U I just received 10 more bottles of Glass Cleaner. Please update the stock.



The stock for Glass Cleaner has been updated. The new total quantity is 30 liters.

U Check if my All-Purpose Cleaner stock is correct. I should have 45 liters.



The audit for All-Purpose Cleaner shows a current quantity of 50 liters. This is a SURPLUS of 5 liters compared to your expected 45 liters.

Frequently Asked Questions

01 How do I update my stock levels?

You simply tell your AI client that you received more stock, and it will use the `add_product_stock` tool to update the count.

02 Can I use this with Claude or Cursor?

Yes, this MCP is compatible with any MCP-compatible client including Claude, Cursor, and Windsurf.

03 How does the audit feature work?

The `verify_stock_accuracy` tool compares what the system says you have against the number you actually counted on the shelf.

04 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you, so it is ready to use as soon as you connect your client.

05 What kind of information can I see for a specific product?

You can use the `get_product_details` tool to see the classification and the measurement unit for any item.

06 How can I see all my current cleaning supplies?

You can use the ``get_inventory_summary`` tool to see a high-level overview of all products currently in the system.

07 How do I report a shortage in my stock?

Use the ``verify_stock_accuracy`` tool. It compares your current system stock against your physical count and will identify if there is a shortage.

08 Can I add new stock to an existing product?

Yes, use the ``add_product_stock`` tool to increase the quantity of an existing product in the inventory.

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>"cleaning-product-inventory-manager": { "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

Cleaning Product Inventory Manager 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

Generated	September 2026
MCP Server	Cleaning Product Inventory Manager MCP
Server ID	01a0caa0-229f-7341-a91a-09e56c2ff820
Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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