

MCP SERVER

NO CODE

CLOUD HOSTED

WooCommerce Inventory Updater MCP

Automate Stock Sync from PDFs and Spreadsheets

WooCommerce Inventory Updater lets your AI agent automatically update stock levels for any product or variation in your online store. It reads supplier PDFs, invoices, and spreadsheets, syncing inventory counts instantly without you touching a single data field.

A+ Quality Score 100/100

stock-management

inventory-sync

product-data

automation

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.

WooCommerce Inventory Updater MCP

1 tools available

Cloud-hosted on Vinkius

Stop copying numbers from messy supplier PDFs or giant Excel sheets into WooCommerce's backend. This MCP gives your AI the ability to read external documentation and perform precise stock updates for your store. When connecting this through Vinkius, you get access to critical inventory control without ever needing to write code.

It works by taking data—say, a new invoice from your main supplier—and extracting the product IDs along with the new quantities. Your agent then uses that clean information to execute the changes directly into WooCommerce. Crucially, this tool is surgical: it only updates the stock quantity. It won't change prices or descriptions; it just makes sure the right count shows up for the right item, every time.

Core Capabilities

01 — Synchronize Product Stock Counts

The agent can update the current inventory levels for any core product in your WooCommerce store.

02 — Manage Variations

It handles complex products, ensuring that specific variations (like a blue size medium shirt) receive their own correct stock count.

03 — Process External Inventory Data

Your agent can read data from sources like PDFs or spreadsheets to generate the necessary updates for your store.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/woocommerce-inventory-updater — connect your AI agent in three steps.

- 01 You hand the AI client a source document, such as an updated PDF invoice or a spreadsheet listing new stock counts.
- 02 Your agent reads the file, identifying product IDs and determining the exact numeric quantity that needs to be set for each item.
- 03 The MCP executes the update using the collected data, confirming the new stock level (and status) directly in WooCommerce.

The bottom line is you feed it a list of changes, and it applies those changes accurately, without risk of changing anything else on the product page.

Built For

This MCP is essential for e-commerce operations specialists and inventory managers. If your job involves reconciling stock counts from physical shipments or supplier sheets into a live online store, this tool saves you hours of painful copy/pasting.

Inventory Manager

You use the agent to ingest weekly PDF reports from multiple suppliers and ensure every product variation's stock count is current in WooCommerce.

E-commerce Operations Specialist

You connect your spreadsheet data (like a CSV export) directly through the AI client so it can automatically run updates to reflect new inventory levels immediately.

Supply Chain Analyst

When receiving bulk shipment manifests, you feed them into the agent for quick parsing and update the corresponding stock quantities in WooCommerce.

What Changes When You Connect

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- 01** Eliminate manual data entry. Instead of copying numbers from supplier invoices into WooCommerce, your agent reads the PDF and updates stock automatically.

 - 02** Handle product variations easily. You can ensure that specific items—like a red size small shirt—get their own accurate count using variation IDs.

 - 03** Speed up receiving processes. When new inventory arrives, you simply feed the manifest to the MCP; it handles the entire update process instantly.

 - 04** Maintain data safety. This tool is strictly limited to stock quantity updates. It can't accidentally change your prices or descriptions.

 - 05** Centralize workflow management. By connecting this through Vinkius, all your inventory tools live in one place, accessible from any MCP-compatible client.
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Real-World Applications

Receiving a large shipment manifest

A warehouse worker gets a spreadsheet listing 500 incoming SKUs and their new counts. They tell their agent to 'Update the WooCommerce stock using this sheet.' The agent parses the file, uses `update_woocommerce_inventory` for every product, and confirms all changes are live.

Correcting an online error

A product's stock was manually set incorrectly in WooCommerce. Instead of logging into the dashboard, the Ops Specialist uses the agent to correct the single item using `update_woocommerce_inventory` with only the corrected count.

Supplier sends a PDF invoice

The Inventory Manager receives a multi-page PDF from a primary vendor. They pass the document to their agent, which extracts every item and its new stock count before calling `update_woocommerce_inventory` across the board.

Patterns to Avoid

Attempting mass updates without structure

X AVOID

The user tries to copy a list of product names and new counts into an empty text box, forgetting the required IDs.

✓ INSTEAD

Always feed the agent structured data (like a CSV or PDF) that contains both the numeric Product ID and the count. Use `update_woocommerce_inventory` with all three necessary parameters.

Over-relying on manual dashboard clicks

X AVOID

The user manually navigates to 15 different products in WooCommerce, changing the stock quantity one by one.

✓ INSTEAD

Collect all data into a single source document (PDF/spreadsheet) and let your agent run `update_woocommerce_inventory` once. This saves massive time.

Trying to change pricing with this tool

X AVOID

The user asks the agent to 'Update product 402, setting it to \$5.' The MCP will reject this command because its scope is too narrow.

✓ INSTEAD

Remember that `update_woocommerce_inventory` only adjusts stock. If you need to change prices or descriptions, you must use a different specialized tool.

The Right Fit

Use this MCP if your core problem is syncing physical inventory counts (the actual number of units available) from an external source—be it paper, PDF, or spreadsheet—into WooCommerce. The primary goal must be changing the `stock_quantity` field.

Don't use this MCP if you need to change something else. If your task involves altering product descriptions, adjusting prices, creating new products entirely, or updating tax rates, this tool won't help. For those jobs, look for a different WooCommerce-specific connector in the Vinkius catalog. This is purely for counting units.

The Problem: The Spreadsheets Nightmare

Right now, when your supplier sends you an invoice or a shipment manifest, what happens? You download the PDF, open Excel, manually cross-reference product names against your store's ID list, and then spend minutes copy-pasting dozens of numbers into WooCommerce's backend. This is slow, tedious, and ripe for human error.

With this MCP, you skip all that. Hand over the invoice or spreadsheet to your agent. It figures out which products need updating, extracts the right IDs, and executes the stock count changes in one clean operation. You get a confirmation of success; no more copy-paste headaches.

WooCommerce Inventory Updater: Direct Stock Sync

The specific manual steps that vanish are the cross-referencing, the searching for product IDs, and the repetitive clicking on the 'Update' button. The agent handles the entire data translation process automatically.

Now, when inventory changes hands, your digital stock count changes instantly and reliably. It's a direct feed from physical reality to your live store listing.

WooCommerce Inventory Updater: 1 Tool Available

These tools allow you to precisely control product counts, updating inventory for specific items or variations in WooCommerce using structured inputs.

#	TOOL	DESCRIPTION
01	<code>update_woocommerce_inventory</code>	This function updates a product's or variation's current inventory count, requiring the numeric ID of the item and its new stock quantity.

See It in Action

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

U Update the stock of product 402 to 150 units.



I've successfully updated the inventory for Product #402. The new stock quantity is 150 (Status: instock).

Frequently Asked Questions

01 Can WooCommerce Inventory Updater handle multiple product variations?

Yes, it can. You must provide the specific variation ID along with the product ID and stock count so the agent knows exactly which size or color to update.

02 Does this MCP change my product prices?

No. The tool is designed only for updating `stock_quantity`. It cannot alter pricing, descriptions, or any other core product metadata.

03 What format does the source data need to be in for WooCommerce Inventory Updater?

It can read common formats like PDFs and spreadsheets. However, you must ensure that the document clearly contains both the numeric Product ID and the new stock count.

04 If I only update one product, do I still use this MCP?

Yes. You don't need a bulk shipment to use it; you just need the specific Product ID, the desired stock count, and your agent will run the single update.

05 Can WooCommerce Inventory Updater handle products that are out of stock?

Yes. You simply provide '0' as the new stock quantity, and the MCP updates the product status correctly for you.

06 Will it enable stock management if it is turned off?







Yes. When this tool updates the quantity, it automatically sends `manage_stock: true` to the WooCommerce API, ensuring the new stock quantity is actually tracked by the system.

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>"woocommerce-inventory-updater": { "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

WooCommerce Inventory Updater 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 · support@vinkius.com

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Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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