MCP SERVER | NO CODE | CLOUD HOSTED

Zoho Inventory MCP

Automate Order Fulfillment and Stock Tracking

Zoho Inventory MCP connects your AI agent directly to Zoho's e-commerce platform. This lets you automate inventory tracking, manage sales orders, and control stock levels across multiple business locations. You can list items, track purchases, create new orders, and monitor real-time stock availability all through natural language commands.

A+ Quality Score 100/100

stock-control | order-fulfillment | warehouse-management | purchase-orders | sales-orders | real-time-inventory

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vinkius.com/mcp/zoho-inventory

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Zoho Inventory MCP

9 tools available
Cloud-hosted on Vinkius

This MCP gives your agent the power to act like a full warehouse manager. Instead of logging into a dashboard, you just ask your AI client what you need done. It can check item availability across every connected organization, list recent sales orders, or even create an entirely new purchase order if stock is running low. You don't have to copy data from one screen to another; the agent handles the entire flow. If you're working with Vinkius, your AI client connects once and gets access to this Zoho Inventory MCP alongside thousands of other business tools. This means everything—from tracking specific product kits using `list_composite_items` to creating a full sales order via `create_sales_order`—is available through one simple conversation.

Core Capabilities

01 — Check Stock Levels

Retrieve real-time data on all inventory items, including stock counts and product metadata.

02 — Manage Orders

List, retrieve details for, or create both sales orders and purchase orders using natural language input.

03 — Control Inventory Data

Add new product items to the catalog or list complex bundles of products (composite items).

04 — Identify Business Units

List all connected business organizations within your Zoho account so you know which entity to focus on.

One Click on Vinkius — From Prompt to Execution

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

01 First, subscribe to the Zoho Inventory MCP and provide your required client credentials: Client ID, Secret, and Data Center Domain.

02 Next, direct your AI agent to perform an inventory task—for example, asking it to list all items in a specific organization or create a new sales order for a customer.

03 The MCP executes the command against Zoho Inventory, retrieving the necessary data (like current stock levels or confirmation numbers) and giving it back to your client.

The bottom line is you talk to your agent like talking to an employee who already knows where all the inventory sheets are.

Built For

This MCP is for anyone whose job involves tracking goods, managing supply chains, or fulfilling customer orders. It's built for warehouse operations and developers who need real-time data without opening multiple administrative portals.

Warehouse Operations Manager

Needs to monitor incoming and outgoing stock immediately, checking item availability using `list_inventory_items` or tracking purchase orders before they arrive.

E-commerce Administrator

Handles fulfilling customer demand by listing recent sales orders (`list_sales_orders`), getting specific order details, and ensuring the inventory matches what was sold.

Software Developer/Integrator

Builds backend logic that needs to read or write core commerce data—like adding a new item using `create_new_item` or validating order details for a system integration.

What Changes When You Connect

01 Stop manually checking stock. You can ask your agent to list all items using `list_inventory_items` and instantly see current availability across multiple locations.

02 No more tracking paper records for orders. Your agent handles both listing (`list_sales_orders`) and retrieving full details (`get_sales_order_details`) with a simple prompt.

03 Need to set up new product lines? Use `create_new_item` to add inventory items directly, rather than waiting for manual data entry.

04 Manage complex products easily. The tool `list_composite_items` lets you see how your various products are bundled together into kits or assemblies.

05 Run end-to-end operations by first running `list_organizations` to confirm the ID, then using that ID when creating a new sales order with `create_sales_order` .

Real-World Applications

Identifying Stockouts Before They Happen

A warehouse manager needs to know if they can fulfill 50 units of 'Camera Body' for a large client. Instead of calling three different departments, they ask their agent: 'Check the stock level for Camera Body.' The agent uses `get_item_details` and immediately confirms if enough inventory is available.

Processing Bulk Customer Orders

An e-commerce admin receives a list of 20 orders. They tell their agent to 'List my last five sales orders in the main warehouse.' The agent uses `list_sales_orders` and provides summary data for immediate review, saving hours of manual searching.

Reconciling Supplier Purchases

A procurement specialist needs to see what goods are expected next month. They ask the agent to 'List all purchase orders.' The tool uses `list_purchase_orders` and gives a clear view of incoming stock, allowing them to plan staffing.

Building Out New Product Lines

A developer needs to update the product catalog for a new line of accessories. They use the agent to 'Add these details for the new tripod kit,' invoking `create_new_item` and ensuring the data structure is correct before going live.

Patterns to Avoid

Trying to guess IDs

✗ AVOID

The user tries to get order details by remembering a random number, but they don't know if it's the Order ID or the Organization ID.

✓ INSTEAD

Always start by running `list_organizations` first. This provides all the necessary context (like organization IDs) so you can accurately scope any subsequent calls, like listing sales orders.

Treating it as a database query

✗ AVOID

The user writes a complex SQL-style prompt that mixes inventory data with accounting ledger entries, confusing the agent.

✓ INSTEAD

Keep your requests focused on core commerce actions. Use simple language like 'List all items' (`list_inventory_items`) or 'Create a sales order for X' (`create_sales_order`). Let the MCP handle the API complexity.

Over-relying on one tool

✗ AVOID

The user only calls `get_item_details` and then gets frustrated because they can't see if it was sold recently.

✓ INSTEAD

Don't stop there. After checking the item details, ask your agent to 'List my sales orders for this product.' This links the static inventory data to real-time fulfillment data.

The Right Fit

Use this MCP if your primary pain point revolves around physical goods: tracking stock movements, managing purchase/sales cycles, or creating new items. It's perfect when you need to know 'what do I have,' and 'how did it get sold.' Don't use it if your core need is pure accounting (e.g., generating a general ledger report) or customer relationship management outside of order history; for that, you'd need an accounting-specific MCP. If you just want to read a simple product description without checking stock, `get_item_details` works, but if you need to *act*—like making a sale or adding inventory—this is the right place.

The Inventory Spreadsheet Nightmare

Right now, checking stock levels and order status means jumping between five tabs: the sales dashboard, the purchase log, the product catalog, and three different location sheets. You're constantly copying a SKU number from one place to paste it into another just to verify if you can fulfill an order. It’s slow, and mistakes happen.

With this MCP, that entire process collapses into a conversation with your agent. Instead of clicking through five dashboards, you simply ask: 'Can we ship the bulk order for Client X?' The agent knows exactly where to look—checking current stock via `list_inventory_items` and confirming if enough product bundles are available using `list_composite_items`. You get a single, actionable answer.

Getting Orders Done with the Zoho Inventory MCP

The biggest time-sink that vanishes is the cycle of 'Check inventory -> Confirm stock ID -> Go to orders page -> Find customer -> Create order.' These manual steps are replaced by a single, fluid request. You can tell your agent, 'Create a sales order for John Doe using these items,' and it handles all the IDs and cross-checks.

What's different now is that you move from being an operator who clicks buttons to being a director who delegates tasks. Your AI client manages the complexity of inventory data so you can focus on selling.

Zoho Inventory MCP: 9 Tools Available

These nine tools allow your agent to perform every critical task in inventory and order fulfillment, from listing items to creating full sales orders.

#	TOOL	DESCRIPTION
01	`list_composite_items`	Lists all pre-defined product bundles and kits.
02	`create_new_item`	Adds a brand new, unique item to your inventory catalog.
03	`create_sales_order`	Generates and records an entirely new sales order for a customer.
04	`get_item_details`	Retrieves specific information about a single product item by its ID.
05	`get_sales_order_details`	Pulls all the line items and customer details for one specific sales order number.
06	`list_inventory_items`	Retrieves a complete list of every item currently stocked in your system.
07	`list_organizations`	Shows all the distinct business units or locations connected to your Zoho account ID.
08	`list_purchase_orders`	Lists every purchase order that has been placed with a supplier.
09	`list_sales_orders`	Provides a list of your most recent or specific customer sales orders.

See It in Action

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

U List all organizations in my Zoho Inventory account.

I've retrieved your organizations. You have 2 entities: 'Main Store (ID: 123456)' and 'Secondary Warehouse (ID: 789012)'. Which one would you like to access?

U Show the stock level for 'Professional Camera'.

For 'Professional Camera' (ID: 101) in organization 123456, there are currently 45 units available in stock.

U List my 5 most recent sales orders in organization '123456'.

I've fetched your latest sales orders. Recent transactions include Order #SO-001 for 'Alice Smith' ($1,500.00) and Order #SO-002 for 'Bob Jones' ($850.50).

Frequently Asked Questions

01 **How do I know which business unit to use in Zoho Inventory?**

You should run `list_organizations` first. This tool gives you a list of all available organizations, and each listing provides the necessary unique ID for subsequent commands.

02 **Can the Zoho Inventory MCP create complex product kits?**

Yes. You can use `list_composite_items` to view existing bundles, or you'll need to use your agent to build a new item using `create_new_item` that includes multiple components.

03 **Does the Zoho Inventory MCP handle both incoming and outgoing stock?**

Absolutely. You manage outgoing goods by listing sales orders (`list_sales_orders`), but you track what's coming in using `list_purchase_orders` to monitor supplier shipments.

04 **What if I need to find a specific item that was sold last month?**

Use the agent to 'List all sales orders,' and then you can filter the results. For deep dives, running `get_sales_order_details` provides every line item needed for auditing.

05 **Can I use Zoho Inventory MCP to just read data?**

Yes. Even if you don't want to create records, you can retrieve information using tools like `list_inventory_items` or `get_item_details`. The agent handles the reading process for you.

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 `"zoho-inventory": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Zoho Inventory 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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