

MCP SERVER

NO CODE

CLOUD HOSTED

Cin7 Omni MCP for AI Agents

Manage multi-channel inventory and order fulfillment tracking

Cin7 Omni brings your entire inventory and order fulfillment process into a single conversation interface. Track stock levels, check sales orders, manage product metadata, and monitor shipments across any number of warehouses or e-commerce channels directly from your AI client.

A+ Quality Score 100/100

multi-channel-sales

stock-tracking

fulfillment

warehouse-operations

inventory-sync

retail-management



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 — 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.

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.

Cin7 Omni MCP

8 tools available

Cloud-hosted on Vinkius

Connect Cin7 Omni to your favorite AI agent and gain full control over complex inventory management without logging into an ERP system. You can now handle multi-channel operations through natural conversation. Need to know what's in stock across all locations? Just ask.

Managing stock levels is simple: you can list the entire product catalog or check real-time counts for specific SKUs. The tool lets you look up sales orders and purchase orders, giving instant insight into where goods are coming from and going to. You don't have to switch tabs or navigate complex menus; your agent handles it all. Plus, you can access contact details for both suppliers and customers right within the chat. If you need a central hub for managing stock across multiple channels, Vinkius is the best place to find this MCP. It's built to get your hands dirty with real-world warehouse data.

Core Capabilities

01 — Monitor current inventory counts

Get immediate stock levels for specific products or list every product in your entire catalog.

03 — Verify product specifications

Retrieve detailed information about any specific product in your system, including metadata and current statuses.

02 — Track sales and purchase order status

List details for recent sales orders, check their fulfillment status, or pull up records for inbound shipments via purchase orders.

04 — Manage supplier and customer data

List and access contact records for both suppliers and customers to maintain accurate relationship details.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/cin7-omni — connect your AI agent in three steps.

- 01** Subscribe to the Cin7 Omni MCP on Vinkius.
- 02** Enter your API Username and API Key, which you get from the Cin7 Settings > API v1 section.
- 03** Use any MCP-compatible client (Claude, Cursor, etc.) to ask your agent questions about inventory or orders.

The bottom line is that after connecting it using your credentials, you can manage all your e-commerce data conversationally through your AI agent.

Built For

Anyone who spends too much time jumping between an ERP system and a chat window needs this. It's for the operations person tired of complex dashboards, the purchasing agent needing quick supplier data, or the e-commerce lead monitoring multi-channel stock in real time.

Warehouse Operations Manager

Verifies product locations and checks order statuses without having to open the full Cin7 Omni ERP system.

Inventory Planner

Checks real-time stock levels across multiple warehouses or needs to list all products for a new SKU count.

E-commerce Specialist

Confirms product details and the multi-channel sales status of an item before posting marketing copy.

Purchasing Agent

Quickly looks up supplier contact information or reviews recent purchase order history straight from their messaging interface.

What Changes When You Connect

-
- 01 Check real-time stock across all locations using the `get_sku_stock_level` tool, so you never oversell an item.

 - 02 Get a clear overview of pending shipments by listing purchase orders with `list_purchase_orders`, helping your purchasing team stay ahead.

 - 03 Verify product details and multi-channel sales status immediately by calling `get_product_details` without leaving your chat window.

 - 04 Keep customer relationships strong by using `list_cin7_contacts` to access up-to-date supplier and client information quickly.

 - 05 Instantly know the state of recent transactions. The `list_sales_orders` tool shows you exactly which orders are dispatched or invoiced.

 - 06 See a full inventory picture at once by running `list_stock_levels`, giving you an immediate count of every item.
-

Real-World Applications

Inventory count discrepancy check

A warehouse worker notices a mismatch between physical stock and the system record. They ask their agent to `get_sku_stock_level` for the specific SKU, confirming they have 50 units available across both the Main Warehouse and West Coast DC.

Reviewing last month's sales performance

An e-commerce manager needs to know which products sold most recently. They ask their agent to `list_sales_orders` for the past week, getting a list of 15 orders and the total revenue generated.

Checking inbound materials

The purchasing team needs to confirm if raw materials arrived on time. They use `list_purchase_orders`, which shows that the expected shipment from Supplier XYZ was received yesterday and is ready for processing.

Cross-referencing product data

A marketing team needs to know if a new blue shirt exists in stock. They ask their agent to `get_product_details` using the SKU, instantly confirming the color, dimensions, and current inventory level.

Patterns to Avoid

Checking inventory manually

X AVOID

Logging into Cin7 Omni, navigating through Inventory > Products, then trying to filter down to a single SKU just to check stock.

✓ INSTEAD

Instead, ask your agent directly: 'What is the current stock level for product ID 12345?' Use the `get_sku_stock_level` tool. It gets you the answer immediately without any clicks.

Missing order context

X AVOID

Getting a list of sales orders, but not knowing which ones are actually fulfilled or invoiced.

✓ INSTEAD

Use `list_sales_orders` to get an at-a-glance view. This tool gives you the status (like 'Dispatched' or 'Fully Invoiced') for each order right in your chat.

Forgetting supplier info

X AVOID

Needing to confirm a contact name, but having to search through multiple tabs and reports.

✓ INSTEAD

Call the `list_cin7_contacts` tool. It compiles all customer and supplier information you need into one response for immediate reference.

The Right Fit

Use this MCP if your core bottleneck is cross-referencing siloed data, specifically linking inventory levels to order status or contact details, without leaving your chat interface. You need the ability to query specific records like a single product's stock (`get_sku_stock_level`) or list large sets of related data (like all orders). Don't use this if you need complex financial reporting, payroll management, or highly specialized accounting features; those require dedicated financial software. If your goal is pure

document generation or advanced code scripting outside of inventory logic, look for a general workflow automation tool instead.

Cin7 Omni MCP: Simplifying E-commerce Inventory Tracking

Today, checking stock and order status involves a painful routine. You open the ERP, navigate to inventory reports, then jump over to sales orders just to cross-reference if an item is available for sale or if it's already shipped. This constant switching between tabs slows down your team and creates errors.

With this MCP, you simply ask your agent about stock levels or order statuses. It pulls that data from Cin7 Omni and gives you a clean answer in the chat window. Your workflow just gets faster. You get immediate confirmation on whether an item is available for sale or if it's already dispatched.

Cin7 Omni MCP: Managing Multi-channel Sales Data

Manual processes require you to check product metadata, then check sales channels separately, and finally verify the contact info for any return. This means copying SKUs from one screen and pasting them into another just to get a full picture.

Now, your agent handles that flow. You can ask it to retrieve detailed product information and even list relevant contacts in one go. Everything stays centralized, meaning you're always working with the single source of truth.

8 Tools for Cin7 Omni: Stock Levels & Order Management

Use these tools to check stock levels, list products, monitor order statuses, and manage customer contacts directly from your AI agent's conversation.

#	TOOL	DESCRIPTION
01	<code>get_sku_stock_level</code>	Retrieves the current stock count for a specific product ID.
02	<code>get_product_details</code>	Fetches comprehensive details for any single product in your catalog.
03	<code>get_sales_order_details</code>	Retrieves detailed information, including status and items, for a specific sales order number.
04	<code>list_cin7_contacts</code>	Provides a list of all customer and supplier contacts stored in your system.
05	<code>list_cin7_products</code>	Lists every product name and basic information available in the inventory catalog.
06	<code>list_purchase_orders</code>	Lists all purchase orders, giving visibility into inbound shipments for your warehouse.
07	<code>list_sales_orders</code>	Shows a list of recent sales orders and their overall fulfillment status.
08	<code>list_stock_levels</code>	Provides a comprehensive report listing the current stock levels for all products at once.

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 total stock count for all items and which SKU has the fewest units?



Inventory Report:

We found 4,120 unique products in your catalog.

- **Total Items Tracked:** 98,500 units.
- **Lowest Stock Alert:** Product ID: TSH-BLUE-L (Blue Cotton Shirt). Only 7 units are available across all locations. **Action needed.**

Do you want to check the purchase order history for this SKU?

U List my last five sales orders and confirm if any of them contain 'Polo' shirts.



I found 5 recent orders. Here's a quick summary:

ORDER #	DATE	STATUS	ITEMS FOUND
SO-102	Today	Dispatched	(Includes Polo Shirt)
SO-103	Yesterday	Invoiced	No 'Polo' items listed.
SO-104	2 days ago	Pending	Contains multiple types of shirts.

Looks like two recent orders include polo shirts.

U Who is the main supplier for red polos and what are their contact details?



Supplier Info:

The primary supplier for 'Red Polo Shirt' is **Global Textiles Inc.**

- **Contact Name:** Alex Chen
- **Phone:** (555) 123-4567
- **Email:** alex.chen@globaltextiles.com
- **Notes:** They usually handle POs greater than \$5,000.

Frequently Asked Questions

01 How does the Cin7 Omni MCP help me manage stock across multiple warehouses?

It gives you a unified view of your inventory. Instead of checking each warehouse system individually, you can ask the agent for the total stock count or check specific SKU levels across all locations in one query.

02 Can I use Cin7 Omni MCP to track where my purchases are?

Yes. You can list and get details on purchase orders, which shows you the status of inbound shipments. It helps you know exactly when materials will arrive at your warehouse.

03 Is the Cin7 Omni MCP better than just looking at my website dashboard?

The agent gives you access to data that lives deeper in your ERP, like detailed contact records and historical order statuses. It puts all that complex information into a simple chat conversation.

04 What kind of sales orders can I see with the Cin7 Omni MCP?

You can list recent sales orders and get full details on them, including their current status—whether they've been placed, invoiced, or dispatched. It gives you a clear audit trail.

05 Do I need technical skills to use the Cin7 Omni MCP?

No. You interact with it using natural language conversation. Your agent handles the complex data calls, so all you do is ask questions like 'What's our stock of blue shirts?'

06 Does this help me find product details quickly?







Absolutely. You can request detailed information for any specific product ID or list every product in your catalog instantly, saving you from navigating complex menus.

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>"cin7-omni": { "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

Cin7 Omni 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Cin7 Omni. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Cin7 Omni MCP
Server ID	019d756f-ba09-72b7-b998-a91c10c0b97d
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/mcp/cin7-omni.