

MCP SERVER

NO CODE

CLOUD HOSTED

Cin7 Core MCP for AI Agents

Manage Inventory, Orders, and Product Catalogs from One Place

Cin7 Core gives your AI agent direct access to a comprehensive inventory management system for tracking product catalogs, sales orders, and purchase orders. It lets you query real-time stock levels across multiple warehouses, research customer history, or monitor the status of any order—all using natural conversation.

F Quality Score 3.6/100

stock-control

order-management

purchase-orders

product-catalog

supply-chain

warehouse-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 — 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.

Cin7 Core MCP

10 tools available

Cloud-hosted on Vinkius

Managing supply chain operations usually means jumping between five different tabs: one for inventory, one for customers, another for purchases, and several more for order statuses. Cin7 Core connects all that data into a single chat window. You can ask your agent things like, 'How much stock of SKU XYZ do we have in the main warehouse right now?' or 'What's the status of the purchase order from Acme Corp?'. It pulls together product details, current inventory levels, and full order fulfillment histories instantly.

This connector allows your AI client to manage complex business processes—from tracking a simple stock check to coordinating multi-warehouse movements. When you connect Cin7 Core through Vinkius, you're giving your agent the operational muscle needed for modern commerce. You stop generating reports and start getting answers.

Core Capabilities

01 — Get detailed product specifications

Retrieve specific attributes like dimensions, weight, tax rules, or supplier information for any given product.

03 — Monitor real-time stock levels by SKU

Get an immediate breakdown of quantities available across all physical locations and virtual bins for one product.

05 — List all customer or vendor data

Access contact names, company details, and historical records for any registered client or supplier.

02 — Track full sales order progress

Pull complete details for a sales order, including line items, shipping addresses, and current fulfillment status.

04 — Check total warehouse availability

Retrieve current stock status, detailing on-hand, allocated, and available-to-sell totals across every configured location.

06 — View product catalog listings

Get a complete list of products, including SKUs, names, categories, and base pricing.

One Click on Vinkius — From Prompt to Execution

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

- 01** Connect your AI client to Cin7 Core using your Account ID and Application Key.
- 02** Authorize access by giving the agent permission to read product, order, and customer data.
- 03** Ask a natural language question—for example, 'Show me all open purchase orders for Q3.'—and let the system execute the required checks.

The bottom line is that your AI client runs complex inventory queries and reporting tasks inside Cin7 Core using simple chat commands.

Built For

This MCP is built for operations teams, warehouse managers, and purchasing agents. If your job involves coordinating product movement or tracking orders across multiple locations, this connector saves you hours of manual system navigation.

Operations Coordinator

Uses the agent to monitor order fulfillment status by listing sales orders and checking if purchase orders have arrived at the warehouse.

Inventory Manager

Relies on this MCP to check total stock availability across all warehouses, ensuring the team has accurate counts before committing inventory.

Purchasing Agent

Uses the agent to list and research vendor profiles, checking payment terms and tracking inbound shipments from suppliers.

What Changes When You Connect

- 01** Instant stock visibility: Instead of running multiple reports to check inventory levels or product locations, you can use the agent to query total availability across all warehouses in one go.

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- 02 Comprehensive order tracking: You don't need separate tabs for sales and purchases. The agent monitors both sides of your supply chain by listing sales orders and checking purchase order statuses.

 - 03 Faster research cycles: Researching vendor or customer history is instant. The agent pulls up full profiles, including contact details and credit limits, without you ever leaving the chat window.

 - 04 Detailed product data retrieval: Need to know if a specific item can ship? Use the tool for detailed attributes like weight, dimensions, and tax rules instead of guessing.

 - 05 Proactive inventory management: You can cross-reference stock levels with order statuses. For example, check current availability and then see which sales orders depend on it.
-

Real-World Applications

Answering the 'Can we ship this?' question

A warehouse manager needs to know if they can fulfill a large order. They ask their agent, and it checks total stock availability across all warehouses and verifies product details like weight and dimensions using both `get_all_stock_availability` and `get_product_details`.

Preparing for a new vendor relationship

A purchasing agent needs to onboard a new supplier. They ask the agent to list all suppliers, find the company's contact info using `list_crm_suppliers`, and then check if there are any open purchase orders pending with them.

Handling an overdue shipment inquiry

A sales rep gets a call from a client asking about an order. The agent lists the sales orders, finds the specific one, checks its current status, and gives the customer accurate fulfillment details instantly.

Checking stock for multiple SKUs

A team lead needs a quick count on several items. They ask the agent to search for products by SKU and get an immediate, aggregated stock report across all locations without manually entering each item into a spreadsheet.

Patterns to Avoid

Treating inventory as isolated data

X AVOID

Manually checking product catalog details (`list_inventory_products`) and then having to run a separate report just for stock levels. This process takes time, requires multiple clicks, and risks using outdated numbers.

✓ INSTEAD

Use the agent to combine these steps: first list all products, and then immediately ask for their total availability across all warehouses in one prompt.

Confusing catalog listing with order status

X AVOID

The user asks 'What is the current inventory?' but only runs a basic product search. This gives them names and prices, but zero information on actual stock or sales commitment.

✓ INSTEAD

To get real-time counts, use `get_all_stock_availability` for total units or check specific items using `get_sku_stock_status` to see where the inventory is physically located.

Ignoring customer history when placing an order

X AVOID

A sales rep calls a client and can only confirm their name, but cannot verify if they are over their credit limit or if there were recent billing issues.

✓ INSTEAD

Before finalizing a sale, ask the agent to list all customers. This pulls up essential metadata like contact details, company data, and credit limits for immediate verification.

The Right Fit

Use this MCP if your workflow demands real-time visibility into complex commercial processes—specifically coordinating physical goods movement between sales orders, purchases, and the core catalog. You need to know *where* inventory is and *why* it's needed (by a specific order or customer). Don't use this if you only need to pull static data, like simply viewing contact information; for that, a basic CRM connector might suffice. However, if your process involves checking stock levels AND verifying the current status of an open purchase order, Cin7 Core is what you need.

Cin7 Core MCP: Streamlining Inventory and Product Catalog Management

Right now, updating a product's dimensions or checking its tax rules means logging into the core system, finding the correct GUID, navigating through multiple sub-menus, and manually verifying every attribute. If you need to compare that against current stock levels, it's an even bigger headache.

With this MCP, your agent handles the data flow entirely. You simply ask: 'What is the weight of product XYZ, and do we have enough units to cover 50 orders?' The system returns a single answer combining product details with real-time stock intelligence.

Cin7 Core MCP: Tracking Purchase and Sales Order Fulfillment

The manual process involves opening the sales module to check order #123, then switching over to the purchase module to see if the required components arrived. You spend minutes cross-referencing 'ordered' status against actual received dates.

Now you can ask your agent to track an entire fulfillment chain. It lists all relevant purchases and sales orders, showing exactly where each item is in the process—from authorized to packed to shipped. The entire flow appears instantly.

Cin7 Core: 10 Tools for Supply Chain Management

Use these tools to check stock availability, list customer records, retrieve order details, and manage vendor information directly through your AI agent.

#	TOOL	DESCRIPTION
01	<code>get_product_details</code>	Retrieves detailed product attributes, including dimensions, weight, and tax rules, using a specific product identifier.
02	<code>get_sale_order_details</code>	Provides comprehensive information for an individual sales order, covering line items, shipping addresses, and current fulfillment progress.
03	<code>get_sku_stock_status</code>	Generates a detailed stock breakdown showing quantities across all physical locations or virtual bins for one specific SKU.
04	<code>get_all_stock_availability</code>	Returns real-time total availability data, including on-hand, allocated, and available-to-sell counts from every warehouse.
05	<code>list_crm_customers</code>	Lists all registered customer records, providing metadata like contact names, company details, and credit limits.
06	<code>list_inventory_products</code>	Returns a list of every product in the catalog with essential data points like SKU, name, category, and base price.
07	<code>list_purchase_orders</code>	Lists all purchase orders, giving details on suppliers, order dates, and whether the goods have been received or are pending.
08	<code>list_sales_orders</code>	Provides a list of sales orders with key metadata, including customer ID, total value, and current processing status.
09	<code>list_crm_suppliers</code>	Retrieves vendor profiles containing primary contact information, default currency, and standard payment terms.
10	<code>search_products_by_sku</code>	Looks up stock levels and identification data for any product that matches a given SKU identifier.

See It in Action

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

U What's the total stock count for 'Premium Leather Chair' across all our warehouses?



Stock Report: Premium Leather Chair (SKU: CH-1001)

- **Total Units Available:** 45 units
- **On Hand:** 30 units (Main Warehouse)
- **Allocated to Orders:** 15 units (Distribution Center B)
- **Available to Sell:** 30 units

We also see that Order #SO-209 for this SKU is currently packed and awaiting pickup.

U I need details on the last order we placed with 'Furniture Pros'.



Vendor Profile: Furniture Pros

- **Main Contact:** Jane Smith (jane.smith@furniturepros.com)
- **Payment Terms:** Net 30 Days
- **Recent Activity:** They currently have 2 active purchase orders with us.

We can also list their order history if you want to see the last five transactions.

- U** List all sales orders over \$10,000 that are ready to ship.



High-Value Sales Orders Ready for Fulfillment

Found 4 orders matching your criteria:

ORDER ID	CUSTOMER NAME	TOTAL VALUE	STATUS
SO-135	Alpha Corp	\$12,500.00	Packed
SO-142	Beta Industries	\$10,100.00	Authorized/Packed

Which order do you want the full details for?

Frequently Asked Questions

01 How does Cin7 Core help me check stock across multiple warehouses?

It gives you a single, consolidated view of your inventory. Instead of logging into different systems or running separate reports for each location, the MCP pulls together on-hand, allocated, and available counts instantly.

02 Can I use Cin7 Core to track both sales orders and purchase orders?

Yes, absolutely. You can ask your AI agent for an end-to-end view of the supply chain. It tracks incoming supplies from vendors (purchase) and outgoing goods to customers (sales), helping you spot bottlenecks.

03 Is Cin7 Core better than manually searching product details?

It's vastly superior. Instead of just reading a static description, the MCP allows you to ask questions that combine data—like 'What is the weight AND the tax class for this specific item?' and get an instant answer.

04 Does Cin7 Core help with vendor research?

It does. You can list all your vendors and pull up detailed profiles, including primary contacts, payment terms, and a list of any outstanding purchase orders you have open with them.

05 What if I need to verify customer credit limits while placing an order?







The MCP gives you access to the full customer metadata. You can list all customers and verify their current credit limit right alongside their contact information, preventing over-selling.

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-core": { "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 Core 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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