

MCP SERVER

NO CODE

CLOUD HOSTED

# ChannelApe MCP for AI Agents

Manage E-commerce Inventory, Orders & Suppliers from One Source

ChannelApe connects your e-commerce business accounts to any AI agent. It lets you manage everything from order fulfillment and product catalog oversight to real-time inventory synchronization across all connected sales channels. You can audit stock levels and handle supplier logistics directly through natural conversation.

**F** Quality Score 3.6/100

stock-levels

order-fulfillment

supply-chain

warehouse-automation

real-time-sync

inventory-tracking



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# ChannelApe MCP

8 tools available

Cloud-hosted on Vinkius

Manage your entire e-commerce stack by connecting ChannelApe to your preferred AI client. Stop switching between dozens of tabs and dashboards just to check on stock or process a return. This MCP lets you talk to your business data—ask it what the current inventory level is for 'WIDGET-123,' or pull up all orders from last week, no matter which sales channel they came through. You can get full product details, list every connected store, and even manage supplier contact info, all in one chat session.

It's built to handle the messy reality of multi-channel selling. Whether you're an operations manager needing a quick stock audit or customer support needing instant order history, your agent handles it. If you've been looking for a centralized way to orchestrate complex e-commerce data without writing code, Vinkius hosts this MCP in the catalog, making it accessible from any compatible AI client.

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## Core Capabilities

### 01 — Audit and Manage Inventory Levels

List current stock counts across all linked distribution centers.

### 03 — Monitor Connected Sales Channels

View a list of all active and connected sales channels to check their operational status.

### 05 — Manage Supply Chain Details

View and access information on integrated suppliers and vendors to manage sourcing requirements.

### 02 — Retrieve Complete Order History

Fetch detailed information about specific orders or list recent transactions from your business.

### 04 — Catalog Product Data

Access detailed metadata for any specific product in your business catalog, or list the entire product range.

### 06 — Review Core Business Settings

Get immediate access to your core business profile data and overall account settings.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/channelape](https://vinkius.com/mcp/channelape) — connect your AI agent in three steps.

- 01 Subscribe to this MCP listing in Vinkius.
- 02 Enter your unique ChannelApe API Secret key and Business ID credentials.
- 03 Start chatting with your AI client; it will use the established connection to execute commands against your live e-commerce data.

The bottom line is: you talk to your agent like talking to a coworker, and your agent handles the complex API calls to fetch structured business data for you.

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## Built For

This MCP is built for e-commerce professionals who spend too much time switching between multiple dashboards. It's for ops managers tired of checking inventory in five different places, and support teams that need immediate order details without escalating to a supervisor.

### Operations Manager

Using the MCP to monitor stock levels across all warehouses or auditing fulfillment status for large batches of orders.

### Inventory Planner

Running audits on quantities and product metadata without ever having to log into the main dashboard system.

### Customer Support Specialist

Quickly looking up specific order details, checking product information, or verifying channel connection status from a chat window.

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## What Changes When You Connect

- 01 Check real-time stock across all DCs using the `list_ape_inventory` tool. You get a single view of inventory levels without opening multiple warehouse portals.

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- 02** Resolve customer questions instantly by calling `get_ape_order_details` . Your agent pulls up everything needed for an order number in seconds, right from your chat interface.
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- 03** Keep all channels connected and operational. Use `list_ape_channels` to check the status of every sales platform (Shopify, Amazon, etc.) at a glance.
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- 04** Never lose track of products again. You can list everything available with `list_ape_products` , or pull deep metadata for just one item using `get_ape_product_details` .
- 
- 05** Streamline vendor communication by calling `list_ape_suppliers` . This lets you verify supplier contact info and integrated sourcing data instantly.
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- 06** Get a full picture of business performance by listing all orders with `list_ape_orders` , giving your agent the initial dataset to analyze.
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## Real-World Applications

### Handling an Urgent Stock Check

A planner needs to know if they can fulfill a large batch of widget sales. They ask their agent, and it uses `list_ape_inventory` to report the exact count across all distribution centers, allowing them to confirm shipment without checking multiple systems.

### Investigating a Missing Order

A support rep gets a complaint about an order. Instead of asking the customer for more IDs, they ask their agent to run `get_ape_order_details` with partial information and pull up the full history instantly.

### Onboarding a New Sales Channel

The ops manager needs to verify that a new store connection is active. They ask their agent to list connected sales channels using `list_ape_channels` and get immediate confirmation of the status for all platforms.

### Quarterly Vendor Audit

A supply chain coordinator needs to verify all sourcing partners. They prompt their agent to list integrated suppliers using `list_ape_suppliers` , creating a single, auditable report of every vendor contact.

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# Patterns to Avoid

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## Treating inventory as static data

### X AVOID

Asking the AI agent for product details and assuming that stock levels are included in the output. This leads to missing critical fulfillment numbers.

### ✓ INSTEAD

Always remember to use ``get_ape_product_details`` for metadata, but run a separate command like ``list_ape_inventory`` specifically when you need live, actionable stock counts.

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## Over-relying on single order lookups

### X AVOID

If an agent only uses ``get_ape_order_details``, the user cannot see if related items from other recent orders are also out of stock.

### ✓ INSTEAD

Before checking a specific item, first run ``list_ape_orders`` to get context on multiple recent transactions. Then check individual details.

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## Mixing up product lists

### X AVOID

Confusing the general catalog list with current sales channels. Trying to find out which stores are connected using a product listing tool.

### ✓ INSTEAD

Use ``list_ape_channels`` for connectivity status, and reserve ``list_ape_products`` only for viewing what is available for sale.

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## The Right Fit

Use this MCP if your core pain point is managing e-commerce data across multiple systems. Specifically, if you need to audit current inventory ( `list_ape_inventory` ) and pull order history details ( `get_ape_order_details` ), this tool is perfect. Don't use it if you just need simple CRM contact lookups; for that, a dedicated People MCP works better. Also, if your workflow is entirely focused on accounting ledger entries, you don't need the product catalog data found using `list_ape_products` . This MCP excels at operational visibility and fulfillment readiness.

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## ChannelApe: Solving Multi-Channel Inventory Audits

Today, auditing inventory means logging into your main warehouse management system, switching to the Shopify dashboard for online stock, then opening Amazon Seller Central just to check if a product is available. You end up cross-referencing spreadsheets and manually noting down discrepancies—a huge waste of time.

With this MCP, you ask your agent about inventory levels once. It gathers data from all connected sources using the `list_ape_inventory` tool and gives you one consolidated report in plain language. That's real-time visibility that saves hours every week.

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## ChannelApe: Streamlining Order Fulfillment Oversight

Before, getting an order status meant opening a ticket and waiting for human intervention. You had to manually pull up the order number, check its current state, and then verify which warehouse held it.

Now, you just tell your agent about the order ID. It immediately runs `get_ape_order_details` and tells you everything: who bought it, what it is, and exactly where it's supposed to ship from. The friction of checking details disappears.

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# ChannelApe: 8 Tools for E-commerce Inventory & Order Ops

Use these specific tools to pull business data, check stock levels, list orders, or access supplier information directly through your agent's chat interface.

#	TOOL	DESCRIPTION
01	<code>get_ape_business_info</code>	Retrieves your business profile and general settings within the ChannelApe platform.
02	<code>get_ape_order_details</code>	Pulls detailed information for a specific order using its ID number.
03	<code>get_ape_product_details</code>	Provides full details, including metadata, for one particular product SKU.
04	<code>list_ape_channels</code>	Generates a list of all sales channels currently connected to your account.
05	<code>list_ape_inventory</code>	Lists and audits the current inventory levels across multiple distribution centers.
06	<code>list_ape_orders</code>	Retrieves a list of recent orders associated with your overall business account.
07	<code>list_ape_products</code>	Lists all products currently available in your main business catalog.
08	<code>list_ape_suppliers</code>	Accesses information on integrated suppliers and vendors for sourcing data.

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## 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 current stock count for all widgets across our three main warehouses?



### Inventory Audit Report

PRODUCT ID	MAIN DC (UNITS)	WEST COAST (UNITS)	EAST HUB (UNITS)
WIDGET-123	100	50	80
GEAR-456	220	15	90

*Total available across all locations: 75 units for WIDGET-123.*

**U** Can you check the details on order #1003? I need to know who bought it and if it ships from the main warehouse.



### Order Details: #1003

- **Customer:** Jane Doe (jane.doe@example.com)
- **Items:** 2x WIDGET-123, 1x GEAR-456
- **Status:** Ready for Shipment
- **Source Channel:** Shopify Store
- **Fulfillment DC:** Main DC

It looks good to go! The main warehouse has both items in stock.

- U** List all the sales channels we are connected to and what their last reported status was.



#### Connected Sales Channels

- **Shopify Store:** Status: Connected (Last synced 5 mins ago)
- **Amazon US:** Status: Warning (Sync failure detected - check credentials)
- **eBay:** Status: Connected (Last synced 1 hr ago)

It looks like Amazon needs a quick credential check.

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## Frequently Asked Questions

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### 01 How can I use ChannelApe MCP to track stock levels across all my e-commerce sites?

You ask your agent for an inventory audit. It automatically checks multiple warehouses and gives you a single, consolidated report of current stock counts, saving you from checking every dashboard individually.

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### 02 Is ChannelApe MCP good for looking up specific customer orders?

Yes, it's perfect for that. You just give your agent the order ID, and it pulls up all the necessary details—product names, quantities, and fulfillment status—right in the chat.

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### 03 Does ChannelApe MCP help me manage my suppliers?

It does. You can ask it to list your integrated suppliers. This gives you a central place to verify vendor contacts and sourcing information without needing access to external portals.

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### 04 What is the best way to get product metadata using ChannelApe MCP?

You tell your agent which product you're interested in, and it uses the tool to pull all associated details, like SKUs and descriptions. This is much faster than digging through a product manager portal.

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### 05 Can I use ChannelApe MCP to see which sales platforms are active?

Absolutely. You can ask your agent to list all connected sales channels, giving you an immediate overview of every platform reporting activity and its current connection status.







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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"channelape": { "url": "..."} </code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# ChannelApe 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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