

MCP SERVER

NO CODE

CLOUD HOSTED

Order Desk MCP

Manage inventory and fulfillment across channels.

Order Desk MCP connects your AI agent to multi-channel fulfillment data. It lets you list all active orders, check real-time stock levels, and track shipment details from a single place, automating complex logistics workflows.

A+ Quality Score 98.33/100

order-management

inventory-management

fulfillment

shipping

multi-channel-commerce



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.

Order Desk MCP

7 tools available

Cloud-hosted on Vinkius

Managing commerce across multiple sales channels means juggling dozens of dashboards just to get an order status or current inventory count. This MCP gives your agent programmatic access to Order Desk's entire API. Instead of clicking through separate tabs for orders, stock, and tracking numbers, you ask your AI client one question—like 'What's the status of the blue widgets ordered last week?' Your agent handles the complex lookups across all channels automatically. You don't need deep knowledge of fulfillment APIs; you just need to know what you want to accomplish. Vinkius hosts this MCP so you can connect your preferred AI client and immediately start automating order, inventory, and shipment management tasks.

Core Capabilities

01 — Check current stock levels

You list all available products or check specific items to see how much inventory is on hand.

03 — Track shipments

You get the current tracking number and shipment status for any given order.

02 — Look up order details

Your agent retrieves comprehensive information for a single order, including customer data and product lists.

04 — List all open orders

The agent pulls a list of recent or pending orders, optionally filtering them by custom folders.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP and provide your Order Desk Store ID and API Key.
- 02 Connect the credentials to your AI client (like Cursor or Claude).
- 03 Your agent then uses natural language prompts to call tools, gathering order data, inventory counts, and shipment statuses in real time.

The bottom line is that you get a unified view of your entire fulfillment operation through simple conversation with your AI client.

Built For

This MCP is for e-commerce operations managers, logistics coordinators, and supply chain analysts. If your job involves checking stock levels across multiple platforms or manually tracking down a missing shipment number, this tool saves you hours of cross-checking.

Operations Manager

Uses the MCP to list all open orders and check inventory items when a critical backorder situation arises.

Logistics Coordinator

Retrieves shipment details for multiple orders simultaneously to provide quick updates to customers or warehouse staff.

E-commerce Analyst

Checks order history and product details to reconcile discrepancies between sales platforms and physical stock counts.

What Changes When You Connect

- 01 Check real-time stock levels instantly. Instead of navigating a separate inventory dashboard, your agent can use `list_inventory_items` to tell you exactly what products are available right now.

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- 02 Keep track of every shipment without opening multiple tabs. You just ask the AI client for tracking information on an order using `get_order_shipments`, and it gives you the latest status.

 - 03 Get a full picture of your sales funnel. With one prompt, your agent can use `list_orders` to pull all pending orders, making it easier to spot bottlenecks or overdue shipments.

 - 04 Organize complex workflows using custom groups. The MCP lets you manage order folders via `list_folders`, grouping similar types of orders for faster processing.

 - 05 Handle customer inquiries quickly. When a client asks about an item's status, your agent can call `get_order` to pull all the necessary details in one shot.
-

Real-World Applications

Investigating a missing shipment

A customer complains their order is late. Instead of manually checking three different platforms, you ask your agent to use `get_order` followed by `get_order_shipments`. The AI client gathers all the necessary tracking data and tells you exactly where it got stuck.

Processing an urgent batch of pickups

You need to process all high-priority items today. You instruct your agent to use `list_orders` and filter by a 'Urgent' folder ID, giving you a clean list of exactly what needs to ship next.

Reconciling stock counts

You suspect a discrepancy between sales records and actual warehouse stock. You use `list_inventory_items` to check current levels against what was expected from recent orders, giving you immediate visibility into the problem.

Determining fulfillment options

A client asks which shipping methods are available for international packages. Your agent uses `list_shipping_methods` and provides the full range of options, saving you a trip to the settings panel.

Patterns to Avoid

Treating orders as separate lookups

X AVOID

Trying to check an order's status by first listing all orders, then finding the ID, and finally checking shipments. This is tedious and error-prone.

✓ INSTEAD

Instead of multiple steps, let your agent use ``get_order`` or ``list_orders`` directly with a natural language query to get both details and shipment data in one go.

Forgetting about filters

X AVOID

Asking the AI client for 'the latest orders' but not specifying which folder. This results in an unmanageable dump of thousands of records.

✓ INSTEAD

Always specify context by using ``list_orders`` and providing a specific folder ID, like asking to only see items from your 'Pending Shipment' folder.

Guessing inventory details

X AVOID

Assuming the stock level because it was high last month. This fails when a product is flagged as out of stock or limited.

✓ INSTEAD

Always use ``get_inventory_item`` to pull the most current, real-time count before committing to an order fulfillment action.

The Right Fit

Use this MCP if your core pain point revolves around operational visibility: 'Where is my stock?' or 'When will this ship?'. You need a single interface that aggregates data across multiple sales channels (like Shopify, Etsy, etc.) to manage the physical flow of goods. Don't use it if you are trying to perform complex financial accounting, like calculating quarterly tax liabilities; for that, you need a dedicated ledger tool. If your goal is pure reporting on past trends, analyzing historical data might be better handled by a specialized database connector instead of just using `list_orders``.

The pain of cross-platform fulfillment visibility

Today, you have to jump between your sales dashboard, your inventory portal, and your carrier tracking site. You check the order status there, then copy the SKU over to the stock checker, and finally paste the ID into the shipping tracker. It's a cycle of clicks, tabs, and manual data transfer that eats up hours every single day.

With this MCP, you just tell your agent what you need—for example, 'Which pending orders need immediate attention?' Your agent coordinates across all those systems automatically, giving you a clean list of everything required to move forward. You stop doing the clicking and start making decisions.

Get a complete picture with Order Desk MCP

Manual steps like cross-referencing product SKUs using `get_inventory_item` or manually checking if an order was assigned to the right fulfillment group are eliminated. Everything happens in one conversational flow.

You don't just get data; you get actionability. Your agent synthesizes raw data from `list_orders`, current stock levels, and shipment tracking into one cohesive update that lets you move faster.

Order Desk MCP: 7 Tools for Fulfillment Ops

Use these tools to list orders, check stock levels, get shipment details, and manage all aspects of your e-commerce fulfillment process.

#	TOOL	DESCRIPTION
01	<code>get_inventory_item</code>	Retrieves specific details about a single inventory item.
02	<code>get_order</code>	Fetches all the necessary data for one specified order ID.
03	<code>get_order_shipments</code>	Gets tracking information and shipment records associated with a specific order.
04	<code>list_folders</code>	Returns a list of custom order folders you've set up for organization.
05	<code>list_inventory_items</code>	Provides a comprehensive list of all inventory items tracked in the system.
06	<code>list_orders</code>	Lists multiple orders, allowing you to optionally filter them by a specific folder ID.
07	<code>list_shipping_methods</code>	Shows all available shipping methods configured for your store.

See It in Action

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

U List my latest Order Desk orders.



Fetching orders... I've found 10 recent orders. Here is the summary...

Frequently Asked Questions

01 How do I use the Order Desk MCP to check inventory?

You call ``list_inventory_items`` or ``get_inventory_item``. Your agent pulls the current stock count for any product ID, allowing you to verify availability before confirming an order.

02 Can I track multiple shipments with `get_order_shipments``?

Yes. You provide the specific Order ID, and your agent retrieves all associated shipment records, giving you a full history of tracking updates.

03 What if I only want to see orders in one specific folder? Do I use `list_orders``?

You should specify the filter. You can use ``list_orders`` and provide the required folder ID, ensuring your agent only pulls data from that segment of your business.

04 Is this MCP good for finding product details?

Yes. The ``get_inventory_item`` tool gives you granular detail on specific products, including their current stock and core attributes.

05 Does Order Desk MCP handle all sales channels?







This MCP is designed to aggregate data from multiple sources within the Order Desk ecosystem. It provides a central point for managing fulfillment across your integrated platforms.

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>"order-desk": { "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

Order Desk 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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