

MCP SERVER

NO CODE

CLOUD HOSTED

Boloo (bol.com Retailer) MCP for AI Agents

Manage Dutch e-commerce orders and inventory in real time

Boloo (Bol.com Retailer) manages your entire bol.com store via a single AI connection. Your agent tracks open and handled orders, updates stock levels across offers, and checks global product data—all without you needing to log into the seller dashboard.

A+ Quality Score 100/100

retail-automation

order-fulfillment

stock-management

marketplace-integration

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

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.

Boloo (Bol.com Retailer) MCP

10 tools available

Cloud-hosted on Vinkius

Managing an online shop requires juggling multiple dashboards: one for inventory, another for shipping status, and a third just for order history. Boloo gives your AI agent direct access to bol.com's retailer API, letting you handle all of that from natural conversation.

You can ask your agent to list every open order or check the current stock level for a specific product offer. It'll pull the data instantly. Need to update pricing? Your agent handles that too. You even get global product details using just an EAN code, so you don't have to search bol.com's public catalog manually.

It's about getting operational visibility without the clicks. When you connect this MCP through Vinkius, your AI client gets a single point of control for coordinating order status, managing inventory, and handling product offers. You get back time, and accuracy.

Core Capabilities

01 — Reviewing Order Status

List all open or handled orders to see what needs attention.

03 — Adjusting Inventory and Pricing

Update the stock level or change the price for any listed offer.

05 — Retrieving Product Data

Get general product information using a global EAN barcode number.

02 — Checking Product Offers

View details for a specific product offer, or list every active offer in your catalog.

04 — Confirming Shipments and Cancellations

Mark items as shipped, or cancel an order item while providing a valid reason code.

06 — Monitoring Webhooks

List all webhook subscriptions to verify your event data flow setup.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/boloo-bolcom-retailer — connect your AI agent in three steps.

- 01 Subscribe to this MCP and provide your bol.com Client ID and Client Secret.
- 02 Connect the credentials to any compatible AI client, like Cursor or Claude.
- 03 Ask your agent a question about orders or stock levels; it executes the action using the connected API.

The bottom line is: you use your natural language conversation to trigger complex e-commerce actions directly through your AI client.

Built For

This MCP is built for e-commerce operators who spend too much time switching between multiple seller dashboards. If managing inventory, fulfilling orders, and updating offers across bol.com feels like a full-time job of clicking through tabs, this tool changes that.

Retail Operations Manager

Monitoring shipment statuses and coordinating offer performance without logging into the seller backend.

E-commerce Seller

Quickly checking for new orders or updating inventory counts when they're away from their main computer setup.

Developer

Verifying API interactions and stock syncs through natural language to debug system integrations.

What Changes When You Connect

- 01 Instantly check order details using `list_orders` or get specific info with `get_order`, eliminating the need to navigate multiple tabs.

-
- 02 Maintain perfect stock accuracy by calling `update_offer_stock` and `update_offer_price` directly from your chat interface.

 - 03 Streamline fulfillment by confirming shipments via `ship_order_item` or handling cancellations using `cancel_order_item` with a valid reason code.

 - 04 Gain product intelligence immediately; use `get_product_details` to pull global info just by knowing the EAN barcode number.

 - 05 Keep track of your integrations and data flow by listing webhooks with `list_subscriptions`, ensuring nothing gets missed.

 - 06 View all available products quickly using `list_offers` so you always know what's active in your catalog.
-

Real-World Applications

Processing a backlog of pending shipments

An ops manager notices three orders are stuck because shipping confirmation is missing. They ask their agent to review all open items and confirm shipment for Order #ABC12345, which triggers the `'ship_order_item'` tool.

Investigating a product listing error

A developer finds a product seems miscategorized. They use their agent to pull global details using the EAN code via `'get_product_details'` and confirm the correct category for troubleshooting.

Correcting a stock discrepancy mid-sale

A seller realizes they sold more units than expected. They ask their agent to update the inventory for Offer 99283-abc to 50, executing `'update_offer_stock'` immediately so sales don't continue on bad data.

Handling an unexpected order cancellation

An agent detects a canceled order and needs to process it. They ask the agent to run `'cancel_order_item'`, specifying the reason code, which logs the closure correctly in the system.

Patterns to Avoid

Trying to find product data manually

✗ AVOID

Spending 15 minutes searching bol.com's public catalog page by page just to verify a product's category and name.

✓ INSTEAD

Use the `'get_product_details'` tool, providing only the EAN barcode number, so your agent instantly retrieves all global details for you.

Forgetting which order is open

✗ AVOID

Asking vaguely about 'my orders' and getting a confusing list that requires manual filtering to find pending shipments.

✓ INSTEAD

Start by running `'list_orders'` to get a clean list of all open or handled orders. This scopes the search immediately.

Updating prices piecemeal

✗ AVOID

Manually changing the price for each offer one by one through different web forms, risking inconsistent data entry.

✓ INSTEAD

Use `'list_offers'` first to get all active offers in your catalog. Then, use `'update_offer_price'` once, passing a list of updates, keeping your pricing consistent.

The Right Fit

You should connect this MCP if your routine involves constant switching between bol.com's fulfillment, inventory, and listing pages. If you need to check order status or adjust stock levels on the fly—whether it's updating an offer price (`update_offer_price`) or confirming a shipment (`ship_order_item`)—this is for you.

Don't use this if all you need is simple reporting; your agent can handle that with basic data retrieval. However, if your workflow requires taking *action*—like cancelling an item using `cancel_order_item` or changing the inventory count via `update_offer_stock`—you must connect this MCP. It's a tool for execution, not just viewing.

Boloo (bol.com Retailer) MCP: Streamlining E-commerce Order Fulfillment

Right now, managing order fulfillment means jumping through hoops. You check the dashboard for new orders, then copy the item details into a separate sheet to verify stock levels. Next, you have to log into another system just to confirm shipment and mark it as done. It's slow, tedious, and easy to miss a step.

With this MCP, your agent takes over that entire process. You simply tell it: 'Process all pending orders for today.' The agent checks the order status, validates stock, confirms shipment using `ship_order_item`, and logs the updates—all in one conversation.

Boloo (bol.com Retailer) MCP: Centralizing Inventory and Pricing Control

The biggest time sink is inventory synchronization. If you sell items on multiple channels, keeping the stock count accurate across all of them—and updating prices when a promotion changes—is a constant manual battle.

This MCP solves that by letting your agent execute `update_offer_stock` and `update_offer_price`. You control every active offer in one place. It keeps your listing data fresh, reliable, and ready for sales.

Boloo (bol.com Retailer): 10 Tools for Order Fulfillment

These tools let you interact with the retailer API to list orders, manage stock levels, get product data, and coordinate offer changes automatically.

#	TOOL	DESCRIPTION
01	<code>cancel_order_item</code>	Cancels a specific item in an order, requiring you to input a valid reason code.
02	<code>get_offer</code>	Retrieves detailed information about one particular product offer.
03	<code>get_order</code>	Gets complete details for a specific order ID.
04	<code>get_product_details</code>	Retrieves general product information from the public catalog using an EAN code.
05	<code>list_offers</code>	Lists all active and current product offers in your entire catalog.
06	<code>list_orders</code>	Retrieves a list of open or already handled orders from your account.
07	<code>list_subscriptions</code>	Shows all configured webhook subscriptions to verify event tracking setups.
08	<code>ship_order_item</code>	Confirms the shipment status for a specific item within an order.
09	<code>update_offer_price</code>	Updates the listed price for a selected product offer.
10	<code>update_offer_stock</code>	Changes the available stock quantity for a specific product offer.

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 status of my top 5 open orders?



Open Orders Summary

ORDER ID	CUSTOMER	ITEMS COUNT	STATUS
#123456789	John Doe	3	Pending Shipment
#987654321	Jane Smith	1	Needs Stock Check

Need me to confirm shipment for any of these? Just say the order ID.

U Can you check if EAN 8712345678901 is still listed and what its current lowest price is?



Product Info Retrieval

Title: *Wireless Gaming Mouse*

Category: *Electronics*

- **Global Status:** Active (via public catalog)
- **Lowest Current Offer:** €45.00

This data is pulled from bol.com's public product index.

U I need to increase the stock for offer 99283-abc and also cancel order #111222333.



Action Log

✓ **Stock Update:** Stock for offer 99283-abc updated successfully to 75 units. This change is live now.

✓ **Order Action:** Order #111222333 was canceled due to 'Invalid item'. The system recorded the cancellation.

Frequently Asked Questions

01 How can I use the Boloo (bol.com Retailer) MCP to check my order history?

You simply ask your agent to list open or handled orders. It pulls a complete, structured list of all pending and fulfilled sales data directly from bol.com's system for you.

02 Can the Boloo (bol.com Retailer) MCP help me manage my product stock levels?

Yes. You can tell your agent to update the inventory count for any specific offer, ensuring that your listing data matches what you actually have in storage.

03 I want to cancel an order item using Boloo (bol.com Retailer) MCP; do I need a reason code?

Yes, the system requires a valid reason code when canceling an item. You just provide that reason in your prompt, and the agent handles the cancellation process correctly.

04 Does the Boloo (bol.com Retailer) MCP let me update product prices?

Absolutely. You can use the agent to update the price of any specific offer listed in your catalog, making sure pricing changes are immediate and accurate.

05 What if I need product details for an item not currently listed? Can Boloo (bol.com Retailer) MCP help?

The MCP can retrieve global product information using the EAN code, even if the item isn't actively selling on bol.com right now. This is great for planning.

06 Can I monitor my webhook subscriptions with Boloo (bol.com Retailer) MCP?







Yes, you can list all your configured webhooks in one go. This lets you verify that your automated event-driven data flow is set up and working correctly.

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>"boloo-bolcom-retailer": { "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

Boloo (Bol.com Retailer) 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 Boloo (Bol.com Retailer). 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	Boloo (Bol.com Retailer) MCP
Server ID	019d7560-88f5-709c-9840-e2762cd10000
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/boloo-bolcom-retailer.