

MCP SERVER

NO CODE

CLOUD HOSTED

# Odoo eCommerce MCP

Manage sales, inventory, and customers conversationally.

Odoo eCommerce provides a single conversational interface to manage your entire online business. Instantly query product inventory, track customer orders, find leads through CRM records, and review website details—all without leaving your chat window. It connects your core Odoo ERP system directly to your AI agent.

**A+** Quality Score 100/100

product-catalog

online-store

customer-orders

inventory-sync

shopping-cart

sales-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.

# Odoo eCommerce MCP

6 tools available

Cloud-hosted on Vinkius

This MCP lets you interact with the full scope of an Odoo ERP instance using natural conversation. Instead of clicking through multiple tabs or jumping between different software applications, your AI client handles the complexity for you. Need to know if a customer made a purchase last month? Ask it. Want to check the stock count and price of a product category? Just ask. You can pull sales data from recent online orders, search specific products by name, and even find contact details for existing customers or new leads. It consolidates everything—from managing the product catalog to tracking active sales pipelines—into one conversation stream. For organizations that rely on Odoo as their central hub, connecting through Vinkius means you get immediate access to this robust set of tools without needing a developer to write custom integrations.

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## Core Capabilities

### 01 — Review product availability and pricing

Check current stock levels, sale prices, and publish status for products across various categories.

### 03 — Identify and manage buyer contacts

Find specific details like email, phone numbers, and locations for customers who have made purchases.

### 02 — Track recent online sales orders

Retrieve detailed lists of e-commerce transactions, including order number, total amount, customer name, and status.

### 04 — Browse the site's structure

List all configured websites or view the full hierarchy of product categories within the shop.

# One Click on Vinkius — From Prompt to Execution

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

- 01 Connect your preferred AI client through Vinkius and activate this MCP.
- 02 Ask your agent a question—for example, 'Show me all confirmed sales orders from last week.'
- 03 The MCP routes the request to Odoo, pulling the exact data needed and presenting it back in a clean, conversational format.

The bottom line is that you treat complex database queries like asking a coworker for information over Slack.

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## Built For

Anyone who spends half their day jumping between the CRM, the inventory dashboard, and the sales order sheet. This MCP helps operations managers who need a single source of truth to monitor everything from leads to fulfillment status.

### Sales Account Manager

Uses it to quickly look up contact details for existing clients or track opportunities in the sales pipeline.

### Operations Coordinator

Monitors incoming online orders and checks product stock levels before approving fulfillment requests.

### E-commerce Administrator

Needs to verify which products are available for sale, check category structures, or review multi-website configurations.

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## What Changes When You Connect

- 01 Cut out the tab-switching. Instead of opening multiple dashboards to check stock, you can use `odoo_search_shop_products` to find product details instantly in a single chat exchange.

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- 02 Get an immediate picture of revenue by running `odoo_list_ecommerce_orders`. You get status updates and totals without having to navigate the complex order management screens.

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  - 03 Never lose track of who bought what again. Use `odoo_list_shop_customers` to pull contact details and purchase history for any client you need to follow up with.

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  - 04 Understand your full product offering by calling `odoo_list_product_categories`, which maps out the entire organizational tree of your shop's inventory structure.

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  - 05 Keep track of all your sales efforts. You can use the CRM tools in the MCP to search for new leads and record opportunities directly through conversation.
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## Real-World Applications

### Checking stock before a client call

A sales rep needs to confirm if Product XYZ is currently stocked enough to fulfill an emergency order. They don't need to log into the inventory system; they just ask their agent, and it uses `odoo_search_shop_products` to give them the exact stock quantity and price.

### Updating contact information

An account manager needs the phone number and email for a customer who placed an order last year. They ask their agent, which uses `odoo_list_shop_customers` to retrieve the exact partner record details right away.

### Auditing recent sales performance

An operations manager needs a quick rundown of all orders placed yesterday. Instead of running reports in three different modules, they ask for 'recent online sales' and use `odoo_list_ecommerce_orders` to get the full list with status and amounts.

### Understanding site structure

An e-commerce admin needs to know if they have multiple online storefronts running under Odoo. They simply ask about all configured websites, and it uses `odoo_list_websites` to list the domains for review.

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# Patterns to Avoid

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## Jumping through module menus

### X AVOID

The user has to navigate to 'Sales Orders,' then filter by date, copy the customer name, open the 'Customers' tab, search for them, and finally return to the sales order screen.

### ✓ INSTEAD

You let your agent do it. You ask one question like 'Show me orders from Acme Corp.' The MCP uses `odoo_list_ecommerce_orders` and `odoo_list_shop_customers` together to give you all the necessary data in a single response.

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## Manually cross-referencing IDs

### X AVOID

The user finds a product name, copies its ID, then pastes that ID into a different module query just to check if it's still active or categorized correctly.

### ✓ INSTEAD

Just ask the agent for 'the status of Product XYZ.' The MCP uses `odoo_search_shop_products` to return all necessary details—price, stock, and category—at once.

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## Relying on separate reports

### X AVOID

The user has to run one report for inventory counts (Product A) and a completely different report for sales totals (Order B), making it hard to correlate the data.

### ✓ INSTEAD

You ask, 'Which products were sold last week that are now low in stock?' The agent correlates the data using `odoo_list_ecommerce_orders` and `odoo_search_shop_products`.

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## The Right Fit

Use this MCP if your business process involves constant handoffs between sales, inventory management, and customer relationship tracking within Odoo. If you need to know 'What's the status of X?' where X is a product, order, or customer record, this tool works. Don't use it if all you need is simple accounting ledger access; for that, you might need a dedicated financial MCP. Also, don't rely on it just for viewing static content; while `odoo_list_websites` shows names, the real power comes from transactional tools like `odoo_list_ecommerce_orders` because they pull live data points (status, total amount).

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## The headache of switching tabs all day.

Right now, tracking a single sale is a multi-step nightmare. You start in the CRM to check the client's contact info; then you jump to the Inventory module to see if they have stock; after that, you open the Sales tab to confirm pricing and finally move to the Orders list just to get an order number. This constant clicking and switching between different tabs means losing context and wasting time.

With this MCP, all those steps collapse into one conversation with your AI client. You ask what you need—for instance, 'Show me recent sales orders for Acme Corp.' The system handles the deep querying across CRM, inventory, and sales modules instantly. You get a single, comprehensive answer without ever leaving your chat window.

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## Odoo eCommerce MCP gives you complete visibility into product data.

Manual checks often require running multiple queries: first listing all available categories with `odoo_list_product_categories`, and then separately searching the shop using `odoo_search_shop_products` to verify a specific SKU's status. This manual process is slow and prone to outdated data.

Now you can ask your agent about product organization or check if a specific item was sold by name, pulling accurate stock levels and pricing right away. It turns complicated database lookups into simple natural language commands.

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# Odoo eCommerce: 6 Tools for Business Operations

Use these six dedicated tools to query Odoo's core data—from sales orders and product catalogs to customer records—all within one conversational interface.

#	TOOL	DESCRIPTION
01	<code>odoo_list_product_categories</code>	Lists the full product category structure used to organize items in your online shop.
02	<code>odoo_list_shop_customers</code>	Pulls a list of customers who have made purchases, including their contact details and location data.
03	<code>odoo_list_ecommerce_orders</code>	Generates a summary of all online store orders, showing customer, total amount, status, and date placed.
04	<code>odoo_list_shop_products</code>	Retrieves a catalog view of all products available on the shop, listing their price, stock quantity, and publishing status.
05	<code>odoo_list_websites</code>	Lists every configured Odoo website, providing its domain name and when it was created.
06	<code>odoo_search_shop_products</code>	Searches the entire product catalog by name to find specific items, showing their price, stock, and category details.

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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 Search for leads from the website



#### CRM Leads — Website

NAME	EMAIL	STAGE	REVENUE
Acme Corp	info@acme.com	Qualification	\$15,000
Beta Inc	hello@beta.io	Proposition	\$8,500

### U Show recent sales orders



#### Sales Orders

SO#	CUSTOMER	AMOUNT	STATUS
S00042	Acme Corp	\$12,500	Confirmed
S00041	Beta Inc	\$3,200	Draft

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## Frequently Asked Questions

### 01 How does the `odoo_list_ecommerce_orders` tool work?

The `odoo_list_ecommerce_orders` tool summarizes online orders placed through your website. It returns key details like the order number, customer name, total amount, and current fulfillment status.

### 02 Can I check product stock using the `odoo_search_shop_products` tool?

Yes, `odoo_search_shop_products` allows you to search for any item by name. The results include the current stock quantity and whether the product is published on the shop.

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**03 What kind of customer data can I retrieve with odoo\_list\_shop\_customers?**

The tool gathers essential buyer contact information, including name, email address, phone number, city, and country, for customers who have made purchases.

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**04 Does the MCP help me understand my full product catalog? Which tool do I use?**

You can get an overview of your entire inventory structure by using odoo\_list\_product\_categories. This shows all categories and their hierarchy, helping you organize products.

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**05 Can this MCP show me details about my online store setup?**

Yes, the odoo\_list\_websites tool lists every website configured in your Odoo instance, giving you the name, domain, and creation date for multi-brand setups.







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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>"odoo-ecommerce": { "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

# Odoo eCommerce 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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