MCP SERVER | NO CODE | CLOUD HOSTED

Orderful MCP

Track B2B supply chain status instantly

Orderful MCP gives your AI client direct access to B2B supply chain data. It lets you programmatically manage EDI transactions, track partner relationships, and diagnose complex supply chain errors without touching a dashboard. Connect once via Vinkius and get instant visibility into global logistics flow.

A+ Quality Score 98.33/100

edi | supply-chain | b2b-integration | transaction-monitoring | data-validation

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/orderful

SCAN TO VIEW

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Orderful MCP

8 tools available
Cloud-hosted on Vinkius

Managing B2B supply chains means dealing with tons of structured data: transaction confirmations, compliance guidelines, and trading partner rules. This MCP connects your agent to Orderful's API, giving it the power to handle that complexity directly. Instead of manually checking multiple systems for every shipment status or error code, your AI client can now investigate everything in one conversation.

It handles both the high-level view—like seeing all active trading partners and the communication channels available—and the granular details, such as retrieving validation errors linked to a specific transaction ID. When you use Vinkius, your agent gets access to this entire catalog of logistics data. You can automate status checks for inbound or outbound transactions simply by talking to it; no complex scripting required.

Core Capabilities

01 — Track and list supply chain transactions

You can request a full history of EDI exchanges, including both successful and pending records.

02 — Get specific transaction details

This lets your agent pull all the data associated with one single exchange or document ID.

03 — Diagnose transaction failures

If a transaction fails, you can immediately ask for and receive the exact validation and processing errors that caused it.

04 — Manage partner relationships

You can list all active trading partners and monitor their status within your network.

05 — Check compliance guidelines and channels

The MCP lets you view the supported communication methods, necessary industry guidelines, and valid transaction types.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/orderful** — connect your AI agent in three steps.

01 Subscribe to this Orderful MCP on Vinkius and enter your dedicated API key.

02 Your AI client recognizes the connection and makes the data available through natural language prompts.

03 You ask a question, like 'What were my recent transactions?' and the agent returns structured data about trades, partners, or errors.

The bottom line is that your agent talks directly to Orderful's core logistics system without you writing any code.

Built For

Anyone whose job involves tracking physical goods through digital channels needs this. This is for the supply chain manager who hates manual data entry, and the operations analyst drowning in error codes from different systems.

Supply Chain Analyst

They use this to investigate why a shipment stalled by listing transactions and then using get_transaction_errors to pinpoint the exact compliance failure.

Logistics Manager

They rely on it to audit relationships, checking list_relationships and ensuring all necessary communication channels are active before a major shipment begins.

Procurement Specialist

They use this to validate that the correct EDI guidelines are in place for new vendors, using list_guidelines to ensure compliance.

What Changes When You Connect

01 You stop guessing why a shipment is stuck. By running list_transactions, you get an instant history of every exchange, allowing your agent to tell you exactly where the data flow broke down.

02 Compliance checks are automated. Instead of reading lengthy PDFs, simply ask for list_guidelines to confirm what rules apply before sending critical documents to a new partner.

03 Error diagnosis is immediate. When something fails, using get_transaction_errors pulls up the precise failure code and reason, saving you hours of manual troubleshooting.

04 Relationship mapping becomes easy. You can quickly call list_relationships to verify if two partners are correctly linked before initiating any major transaction.

05 Operational visibility covers everything from channels (list_communication_channels) to types (list_transaction_types), giving your agent a full 360-degree view of the logistics network.

Real-World Applications

Investigating an unexpected delay.

The Operations Analyst notices a shipment stalled. They ask their agent to list_transactions for that ID. The agent finds the exchange and then uses get_transaction_errors, immediately revealing a required compliance guideline is missing, resolving the issue in minutes.

Auditing network health.

A Logistics Manager wants a full picture of who's connected to whom. They ask the agent to list_relationships, followed by checking list_communication_channels, ensuring all necessary pathways are open for upcoming peak season volume.

Onboarding a new vendor.

The Procurement Specialist needs to ensure the new partner meets standards. They call list_guidelines and check that their organization details are correct using get_organization before allowing any transactions.

Patterns to Avoid

Checking multiple dashboards

✗ AVOID

A user has to jump between the transaction status dashboard, the error log, and the partner management screen just to get one answer about a single shipment.

✓ INSTEAD

Instead of jumping around, ask your agent to use list_transactions first. Then, if needed, follow up with get_transaction_errors using the specific ID found in that initial list.

Guessing compliance rules

✗ AVOID

A specialist sends data without knowing which guidelines apply, resulting in a manual rejection and delaying payment for days.

✓ INSTEAD

Always start by asking the agent to run list_guidelines. This ensures your action is compliant before you attempt any transaction or update relationship status.

The Right Fit

Use this MCP if your core pain point is B2B data exchange, compliance tracking, or understanding complex supply chain failure points. If your job involves EDI, checking partner relationships, or reading error codes tied to transactions, you need this.

Don't use this if all you need is internal team chat history or simple database record lookups that don't involve external standards (like EDI). For those simpler tasks, a general data fetching MCP will work better. This tool is specifically for high-stakes, regulated logistics data.

The headache of tracking global transactions

Right now, finding out why an order stalled means logging into the carrier portal, then checking the internal ERP system, and finally cross-referencing a separate compliance document. You spend

With this MCP, your agent handles that whole sequence in plain English. You ask it to check the status of an exchange, and it automatically pulls the transaction data, checks for errors using

hours copy-pasting IDs between screens just to find one missing signature or guideline violation.

get_transaction_errors, and tells you precisely what's wrong—no manual clicking required.

Orderful MCP gives you full supply chain visibility

You no longer have to manually verify if the necessary trading partners are linked or if all supporting guidelines (list_guidelines) are current. The system instantly compiles this relationship data for you.

It's a single conversational layer over dozens of complex APIs. You get actionable, structured insights without ever needing to write a query or build a custom integration.

Orderful with 8 Tools

These tools let your AI client read transaction histories, validate partner relationships, and access the specific operational data needed for modern logistics management.

#	TOOL	DESCRIPTION
01	`get_organization`	Retrieves basic details about a specific organization within your network.
02	`get_transaction`	Pulls all the data associated with one specific EDI transaction ID.
03	`get_transaction_errors`	Identifies and reports validation or processing errors for a given transaction.
04	`list_communication_channels`	Lists all the supported communication methods used for B2B data exchange.
05	`list_guidelines`	Provides a list of required industry or partner-specific EDI guidelines.
06	`list_relationships`	Retrieves a catalog of all active trading partner relationships you maintain.
07	`list_transaction_types`	Shows the full list of transaction types that your system supports and processes.
08	`list_transactions`	Generates a comprehensive list of all recent and historical EDI transactions in your account.

See It in Action

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

U List my recent EDI transactions.

Fetching transactions... I've found 12 recent EDI exchanges. 8 are RECEIVED and 4 were SENT successfully.

Frequently Asked Questions

01 **How do I list recent transactions using the Orderful MCP?**

You simply ask your agent to use list_transactions. This tool gives you a full history of all EDI exchanges, letting you see what was sent and received in bulk.

02 **What does get_transaction_errors do with Orderful MCP?**

It pinpoints the exact reason for failure. If an exchange fails, this tool pulls up detailed validation errors so you know if it's a format issue or a compliance problem.

03 **Can I check my partners using list_relationships in Orderful MCP?**

Yes, that's exactly what list_relationships does. It gives you an up-to-date view of all your active trading partner connections and their status.

04 **Do I need to know the transaction type before using Orderful MCP?**

No, but it's helpful to check first. You can use list_transaction_types to see what kinds of exchanges your system supports, which helps scope your investigation.

05 **How do I find out available communication methods? (Orderful MCP)**

Use the list_communication_channels tool. It shows all the different ways that B2B data can legally and technically flow between parties in your network.

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 `"orderful": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Orderful 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 →

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 Orderful. 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	Orderful MCP
Server ID	`019d75ec-1519-72bc-8547-3393a75e89fe`
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/orderful.