

MCP SERVER

NO CODE

CLOUD HOSTED

Paperless Parts MCP

Manage Quotes, Orders & Contacts in One Conversation.

Paperless Parts connects your manufacturing platform directly to any AI client. Manage entire quoting and order lifecycles—from checking customer accounts to updating job statuses—without ever leaving your chat window. Get full visibility into quotes, orders, contacts, and custom material tables instantly.

A+ Quality Score 100/100

manufacturing

quoting

estimating

3d-modeling

order-management

job-shop



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.

Paperless Parts MCP

12 tools available

Cloud-hosted on Vinkius

You can use this MCP to handle everything related to your manufacturing pipeline using just natural conversation. Instead of jumping between multiple browser tabs or opening up separate CRM screens, you talk to your agent, and it handles the data retrieval and updates for you. Need to know if an order is ready? Just ask. Want to set up a new client? Your AI can create that account in one step. It reads your entire customer directory, lets you pull detailed contact info, and even lists specialized custom tables used in complex routing processes. This means your agent acts like a dedicated production manager sitting right next to you. Because we host this connector on Vinkius, you connect your preferred AI client once and gain access to the whole catalog of operational tools. You get full control over quoting and order management directly through chat.

Core Capabilities

01 – Create new customer accounts

Send all necessary account details to instantly establish a buyer profile.

03 – Retrieve full customer profiles

Fetch comprehensive information about any existing account by its ID.

05 – Check order status and details

Retrieve full information on an existing job or order by its unique identifier.

07 – Update quote statuses

Change the operational status of a quote, such as moving it from 'Pending' to 'Approved'.

02 – Generate new contact records

Add specific individual contacts directly into the system using their details.

04 – Get detailed contact info

Pull all necessary contact data for a specific person using their ID.

06 – Fetch quote calculations

Get the pricing and specific details for a quote using its ID.

One Click on Vinkius — From Prompt to Execution

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

- 01** Subscribe to this MCP and enter your Paperless Parts API Token.
- 02** Connect your agent through any compatible client like Cursor or Claude.
- 03** Directly ask your agent to perform actions, such as 'List all quotes with status Pending' or 'Create a new account for Acme Corp.'

The bottom line is you manage every stage of the manufacturing process using simple instructions in chat.

Built For

This MCP is built for operations teams and estimators who are sick of switching between five different browser tabs just to get one job status. It's perfect for anyone whose day involves manually logging data, verifying order details, or coordinating quotes across multiple internal systems.

Estimator / Quoting Engineer

You use this MCP to instantly fetch quote calculations and list stale quotes without leaving your workflow so you can revise pricing quickly.

Shop Floor Manager

When a job comes in, you check the order requirements and metadata straight from your dashboard via chat rather than calling another department for status updates.

Sales Operations Lead

You automate CRM inquiries by quickly registering new contacts or creating customer accounts to keep the sales pipeline moving fast.

What Changes When You Connect

- 01** Stop losing time jumping between tabs. You can pull the full details of any order or quote using `get_order` or `get_quote`, and your agent delivers it instantly without you needing to navigate a dashboard.

-
- 02** Streamline sales data entry. Need a new customer? Use `create_account` and `create_contact` to register them immediately, logging the action all in one conversational step.
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- 03** Cut down on manual updates. Instead of calling someone or manually updating a spreadsheet, you tell your agent to use `update_quote_status`, marking that job as approved instantly.
-
- 04** Get immediate visibility into materials and clients. Quickly run through `list_accounts` to check if a client's metadata is current before starting any quote.
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- 05** Handle complex routing needs. Use the `list_custom_tables` tool to pull specific, specialized data points required for niche manufacturing jobs right within your workflow.
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Real-World Applications

A sales lead just called with a rush order.

Instead of having the salesperson manually log everything into the CRM and then emailing the operations team, they ask their agent to check if the client exists using `get_account`. If not, the agent creates it using `create_account`, ensuring all required metadata is captured before quoting.

A shop floor manager needs to verify material availability.

The manager asks their agent to list all specialized tables via `list_custom_tables`. The agent pulls the data, confirming that the required unique routing process materials are available and listed correctly.

The estimating department needs to follow up on old quotes.

An engineer asks their agent to use `list_quotes` and filter by 'Stale' status. The agent pulls the list, allowing the engineer to then get specific details using `get_quote` for each item before following up with a client.

Closing a deal requires updating client records and generating quotes.

The sales lead asks their agent to get the contact details for the primary decision-maker using `get_contact`. They then ask the agent to use `list_orders` and retrieve the relevant order by ID, ensuring accurate pricing before sending the final quote.

Patterns to Avoid

Manual status updates after a phone call

X AVOID

The sales rep talks to the client, then has to open the web portal, find the job by ID, manually change the status dropdown from 'Pending' to 'Submitted,' and then copy-paste notes into the CRM.

✓ INSTEAD

Just ask your agent: 'Update quote QTE-12345 to Submitted.' The agent handles the required API call using ``update_quote_status`` directly, keeping everything in chat.

Searching for a client's billing cycle

X AVOID

The estimator spends five minutes navigating through multiple tabs and forms just to find out if 'Northwest Defense Systems' is billed Net 30 or Net 60.

✓ INSTEAD

Ask the agent: 'What are the details for account ID 120394?' The agent uses ``get_account`` to pull all metadata, including their billing cycle, immediately.

Creating a new client record piecemeal

X AVOID

The ops lead finds the company name in one system, contacts in another, and account details in a third. They end up creating multiple partial records that don't link together.

✓ INSTEAD

Use ``create_account`` first to establish the master record. Then use ``create_contact`` with the same agent session to ensure all new information is tied back to the correct primary client ID.

The Right Fit

Use this MCP if your job requires coordinating data across manufacturing, sales, and operations—specifically when dealing with quotes, orders, and customer records. You need an AI layer that can read metadata (like billing cycles or custom tables) *and* execute actions (like changing status or creating accounts).

Don't use this if you only need to manage simple text documents or unstructured data retrieval. For those tasks, a general knowledge base connector will work better. If your workflow is highly specialized and requires complex financial modeling not tied to an existing order ID, you might need a dedicated finance tool instead of relying solely on `list_quotes` and `get_quote`.

The constant clicking between dashboards kills productivity.

Right now, managing a complex manufacturing job means bouncing through five different screens. You open the CRM to check account metadata, then switch to the quoting system to list available quotes, and finally jump to the order portal just to see if the materials were actually shipped out. Every click is wasted time.

With this MCP, you simply tell your agent what you need. If you ask about a specific job, it pulls data from all those sources instantly. You get answers—and actions—delivered right here in the chat window.

Control Your Manufacturing Pipeline with Paperless Parts.

You don't have to manually check order requirements or verify if a quote has been approved. You can ask your agent to list all orders and then tell it, 'Update the status of ORD-934 to Approved.' The whole sequence runs automatically.

Your AI client becomes your dedicated production manager. It handles the complexity behind the scenes so you can focus on talking business.

Paperless Parts: 12 Tools for Job Shop Management

Use these tools to manage the entire lifecycle of manufacturing jobs, from creating new contacts to updating final quote statuses.

#	TOOL	DESCRIPTION
01	<code>create_account</code>	Creates a brand new account in Paperless Parts using provided details.
02	<code>create_contact</code>	Adds a new individual contact to the system using required personal data.
03	<code>get_account</code>	Retrieves all specific metadata for an existing customer account by its ID.
04	<code>get_contact</code>	Fetches the detailed profile and contact information for a person using their unique ID.
05	<code>get_order</code>	Looks up complete details about an existing job or order by its specific number.
06	<code>get_quote</code>	Retrieves the full pricing and itemized list for a quote using its ID number.
07	<code>list_accounts</code>	Provides an overview of all existing customer accounts in Paperless Parts.
08	<code>list_contacts</code>	Generates a list of all contacts currently stored in the system.
09	<code>list_custom_tables</code>	Retrieves details about specialized custom tables used in your manufacturing process.
10	<code>list_orders</code>	Shows a list of all active and historical orders within Paperless Parts.
11	<code>list_quotes</code>	Provides an overview list of all manufacturing quotes generated so far.
12	<code>update_quote_status</code>	Changes the operational status of a quote, marking it as approved or completed.

See It in Action

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

U List all our active manufacturing orders on Paperless Parts.



I've fetched your environments. You currently have several ongoing orders including 'Aerospace Bracket Q3' (ID: ORD-934) and 'CNC Panel Batch' (ID: ORD-021). Which order would you like to drill into?

U Can you update the status of quote QTE-1205934 to 'Approved'?



Executing the status change logic... Quote QTE-1205934 has been successfully marked as 'Approved' and locked into your main production pipeline.

U Provide the details and metadata for account ID 120394.



Let's inspect it... Account 'Northwest Defense Systems' is categorized as a primary supplier. Their active billing cycle is set to Net 30, and the primary contact is marked as Amanda T.

Frequently Asked Questions

01 How do I check if a customer account exists using Paperless Parts MCP?

You use `list_accounts` to see all available accounts, or if you know the ID, use `get_account`. The agent will pull up all the metadata, including billing cycles and primary contacts.

02 Can I update a quote status using Paperless Parts MCP?

Yes. You simply tell your agent to run the `update_quote_status` tool. You just provide the quote ID and the new desired status, like 'Approved'.

03 Does Paperless Parts MCP help with listing materials?

It does. Use `list_custom_tables` to access specialized custom tables specific to your manufacturing routing process, giving you visibility into unique material requirements.

04 What if I need to create a new buyer account using Paperless Parts MCP?

You use the `create_account` tool. You just have to provide all the necessary JSON details in your prompt, and the agent handles the creation of the record for you.

05 Can I list active orders with Paperless Parts MCP?







Yes, use `list_orders`. This tool pulls a comprehensive overview of all current jobs so you know exactly which projects are moving through the pipeline right now.

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>"paperless-parts": { "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

Paperless Parts 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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