

MCP SERVER

NO CODE

CLOUD HOSTED

# Anvyl MCP for AI Agents

Manage purchase orders, track shipments & coordinate supplier details

Anvyl connects your AI agent directly to your operational data, letting you manage the entire supply chain conversationally. You can list all purchase orders, check specific parts and supplier details, track shipment logistics, or confirm a production milestone—all without clicking through dashboards.

**A+** Quality Score 100/100

purchase-orders

shipment-tracking

supplier-management

production-visibility

procurement



# The infrastructure that powers AI agents in the real world.



Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

# Your AI Connections Run Through Vinkius Cloud

The world's largest  
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

# Anvyl MCP

10 tools available

Cloud-hosted on Vinkius

Managing a complex supply chain means juggling dozens of systems and constantly switching between status updates, part catalogs, and supplier contacts. This MCP changes that by routing your Anvyl data directly into your chat interface. Instead of manually navigating multiple tabs to check if an order is on track or finding out why a shipment is delayed, you just ask your AI client.

Your agent pulls up the exact purchase order details, confirms which milestones were completed, and even fetches current tracking records for any PO number. Need to know about a supplier's specific part specifications? Ask, and it retrieves the data instantly. This keeps your entire team focused on solving problems rather than searching through dashboards. It's all available within the Vinkius catalog, giving you one connection point for critical ERP functions.

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## Core Capabilities

### 01 — List all purchase orders

Creates a master list of every purchase order tied to your team's accounts.

### 02 — Get details for one purchase order

Pulls up the full record, including line items and initial status, for any specific PO number.

# One Click on Vinkius — From Prompt to Execution

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

- 01** Subscribe to this MCP and provide your Anvyl API key and Team ID credentials.
- 02** Connect the service through your preferred AI client, giving your agent access to your live supply chain data.
- 03** Ask a natural language question—for example, 'What's the status of PO #123?'—and get an immediate, structured response in your chat.

The bottom line is that you interact with your entire Anvyl system through conversation, not through complex UI navigation.

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## Built For

This MCP is for supply chain managers and procurement professionals who spend too much time context-switching between dashboards. If you're tired of manually verifying milestone completions or hunting down part specs across different systems, this tool gets you back to actual planning.

### Supply Chain Manager

Uses the MCP to get a real-time overview of all active purchase orders and coordinate status updates on production milestones.

### Procurement Specialist

Routinely uses the tool to look up part specifications and supplier contact information during vendor planning meetings.

### Operations Lead

Keeps a high-level view of production health by checking logistics data and tracking multiple orders without leaving their main chat window.

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## What Changes When You Connect

- 01** Instantly confirm or delay milestones. Instead of logging into the portal to update status, you use a single command to record completions or delays directly through your agent.

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- 02 Stop manual data lookups for parts and suppliers. You can ask the AI agent to pull up any part number's specs or retrieve supplier contact details in seconds using tools like `get_part` and `get_supplier`.

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  - 03 Get an immediate view of all POs. Use `list_purchase_orders` to see every active order, then use `list_logistics` on a single PO to track its exact delivery timeline—no dashboard clicks required.

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  - 04 Automate status reports for your team. By using the agent to `list_milestones` and `get_purchase_order`, you can generate instant summaries of production health for management review.

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  - 05 Cut down coordination time. Your AI client handles the complex cross-referencing of order data with logistics records using `list_logistics`, keeping everyone in the loop.
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## Real-World Applications

### **A PO is stuck and needs a status update.**

The Operations Lead asks: 'What's happening with PO #789?' The agent uses `list_purchase_orders` to confirm the order exists, then uses `list_milestones` to show that Quality Inspection is delayed. The lead can then use `delay_milestone` to immediately record the reason and new expected date.

### **Need a full picture of logistics for next quarter's build.**

The Supply Chain Manager asks: 'Show me all tracking records for PO #1234.' The agent uses `list_logistics` to pull every shipping update and delivery milestone, giving the manager a complete timeline overview.

### **A part number isn't recognized by a junior planner.**

The Procurement Specialist asks: 'Can you give me specs for 45B-Housing?' The agent uses `get_part` to instantly pull up the required technical data and material compatibility, allowing the specialist to continue planning without interrupting the workflow.

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## Patterns to Avoid

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### Treating Anvyl data like static documents

#### ✗ AVOID

Manually downloading PO reports and emailing them out because 'that's how we always did it.' This process is slow, prone to version control errors, and requires multiple people to manually collate data.

#### ✓ INSTEAD

Instead of exporting files, ask your agent to `list_purchase_orders` and then `get_purchase_order` for the specific PO. The AI compiles all necessary details into one chat response instantly.

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### Mixing up suppliers and parts

#### ✗ AVOID

Asking the system generally about 'the best contact' or 'what part is needed.' This vague input forces manual checks across multiple supplier databases, wasting time.

#### ✓ INSTEAD

Be specific: use `get_supplier` for vendor info, and use `get_part` with a precise part number to keep your query focused and actionable.

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## The Right Fit

Use this MCP if you need conversational access to granular supply chain data. Specifically, it works best when you're trying to check the current status of an existing PO (using `list_purchase_orders`) or updating a known record (like confirming a milestone). Don't use it if your goal is high-volume data ingestion from external spreadsheets; for that, look into general data pipelines. Also, don't rely on it for long-term financial forecasting—it focuses entirely on operational visibility and tracking. If you just need to check which suppliers exist, `list_suppliers` works well. But if you need a complex comparison across multiple systems, you might need specialized integration tools.

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## Anvyl MCP: Automating Procurement Planning with Purchase Order Visibility

Today, checking on the status of a single purchase order means logging into Anvyl, finding the PO ID,

With this MCP, you simply ask your agent about the order status. It instantly pulls all necessary

navigating to the tracking tab, and then cross-referencing that data against your internal project schedule. You spend time clicking through dashboards just to answer one simple question: 'Is it ready?'

information using `get_purchase_order` and `lists_milestones`, compiling a complete, readable report in seconds. You get immediate answers without ever leaving your chat interface.

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## Anvyl MCP: Streamlining Supplier Management and Part Specs

When planning a new product line, the manual process involves emailing different teams to get part numbers, then logging into supplier portals to compare specs, and finally calling accounts payable just to confirm vendor contact details. It's a massive chain of emails.

Now, you ask your agent for help. It uses `get_part` to provide immediate technical data and `get_supplier` to pull the correct contact information—all in one go. This keeps your planning process moving without bottlenecking on manual lookups.

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# Anvyl: 10 Tools for Purchase Order & Supply Chain Management

These tools allow you to query, update, and retrieve granular data across your entire Anvyl system through conversation.

#	TOOL	DESCRIPTION
01	<code>confirm_milestone</code>	Marks a specific project milestone as completed for a given purchase order.
02	<code>delay_milestone</code>	Updates the expected date of a milestone and records the reason for delay on a purchase order.
03	<code>get_part</code>	Retrieves all technical details, specifications, and inventory information for a specific component part number.
04	<code>get_purchase_order</code>	Pulls up the full record for one purchase order, including line items, quantities, and initial status.
05	<code>get_supplier</code>	Retrieves comprehensive details about a supplier, including contact information and service history.
06	<code>list_logistics</code>	Generates a list of all tracking records associated with a purchase order number.
07	<code>list_milestones</code>	Lists every milestone defined for a specific purchase order, showing its current status and expected date.
08	<code>list_parts</code>	Provides an overview list of all parts currently cataloged within the Anvyl account.
09	<code>list_purchase_orders</code>	Generates a master list of every purchase order associated with your team's accounts.
10	<code>list_suppliers</code>	Provides an overview list of all registered suppliers in the Anvyl account.

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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** List all active purchase orders for Q2.



## Purchase Orders Active (Q2)

- **PO #8934:** 'Engine Mounts' | Expected: June 10th | Status: In Progress
- **PO #7561:** 'Sensors Array' | Expected: July 1st | Status: Pending Shipment
- **PO #2110:** 'Aluminum Housings' | Expected: May 28th | Status: Needs Confirmation

(3 total POs found. The most immediate action needed is confirming milestones for PO #2110.)

**U** Check the logistics and milestones for PO-900.



## Order Tracking Report: PO-900

- **✓ Milestones:** Material Sourcing (Complete), Production Start (Complete). Quality Inspection is scheduled for tomorrow.
- **🚚 Logistics Status:** Shipped on 5/20. Current location: Memphis, TN. ETA: May 28th. Tracking link provided in Anvyl portal.

**U** What's the part number and supplier info for titanium fasteners?



## Part Lookup & Supplier Details

- **Recommended Part:** TIF-FAST-4X (Titanium Fastener)
- **Specs:** Grade 5 Titanium, 4mm length. Max temp: 1200°F.
- **Primary Vendor:** Acme Metals Corp.
- **Contact:** John Doe, john@acmemetals.com | Phone: (555) 123-9876

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# Frequently Asked Questions

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**01 How does the Anvyl MCP help me track my shipments?**

It gives you instant access to all logistics records for any purchase order. Instead of checking multiple carrier websites, your agent pulls up a single list showing where the shipment is and when it's expected.

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**02 Can I use Anvyl MCP to confirm if production milestones are finished?**

Yes, you can ask the AI client to check all defined milestones for an order. You can also tell your agent directly to confirm a milestone or record a delay with a reason.

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**03 What kind of parts data can I get using the Anvyl MCP?**

You can pull up detailed specifications and technical data for any part number. This helps you quickly verify if a component meets your exact operational needs without manual cross-referencing.

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**04 How does Anvyl MCP help with supplier coordination?**

It centralizes all vendor details, letting you retrieve contact information and specific part catalogs for any registered supplier. This speeds up everything from initial planning to troubleshooting.

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**05 Is the Anvyl MCP useful for new POs?**

Absolutely. You can list every purchase order associated with your team, giving you a comprehensive overview of what's currently active and what needs attention right now.







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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>"anvyl": { "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

# Anvyl 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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