

MCP SERVER

NO CODE

CLOUD HOSTED

# EZO Asset Intelligence MCP

Manage your entire resource lifecycle via natural conversation.

EZO Asset Intelligence connects your AI agent directly to EZO.io, giving it instant access to your entire operational database. Track every fixed asset, monitor consumable inventory levels, and manage checkouts—all from natural conversation. It lets you go beyond spreadsheets to get real-time resource health across IT, operations, and finance.

**A+** Quality Score 100/100

asset-tracking

fixed-assets

inventory-control

checkout-management

lifecycle-management

equipment-tracking



# 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.

# EZO Asset Intelligence MCP

10 tools available

Cloud-hosted on Vinkius

Managing physical resources shouldn't require a dozen different logins or manual dashboard diving. This MCP equips your AI agent with the ability to talk directly to EZO.io, the asset management platform. You can ask it to find out which laptops are currently checked out, how many printer cartridges you have left in storage, or where specific equipment is located across multiple sites. It handles the complex calls so you don't have to. Whether you're checking compliance for a quarterly audit or just need to know if that conference room projector is available tomorrow, your agent retrieves the data and gives you a clear answer. This robust set of capabilities through Vinkius lets you manage assets and inventory without ever touching the raw API calls yourself.

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## Core Capabilities

### 01 — Audit resource health

Retrieve high-level summaries of asset volume, location distribution, and organizational resource status.

### 03 — Track specific assets

Get detailed information, identifiers, and maintenance history for any single asset you specify.

### 05 — Monitor checkouts

See which assets are currently assigned to members, including their expected return dates.

### 02 — Check inventory levels

List all consumable supplies and their current stock thresholds across the organization.

### 04 — Identify available equipment

List all fixed assets that are free and ready to be checked out to a member.

### 06 — Locate physical sites

List all configured physical locations and sub-locations within your company's network.

# One Click on Vinkius — From Prompt to Execution

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

- 01** Connect the EZO integration to your AI client using your EZO Subdomain and REST API Key.
- 02** The agent interprets your request (e.g., 'What assets are overdue?'), determines the necessary action, and calls the correct tool.
- 03** You receive a plain language summary of asset status, inventory levels, or location data from the conversation.

The bottom line is you ask a question in natural language, and your AI client executes complex database queries behind the scenes to answer it for you.

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## Built For

Facility managers and operations leads who are sick of manually compiling spreadsheets of equipment status. If you spend time jumping between asset management dashboards, tracking down inventory counts, or following up on overdue gear, this MCP is for you.

### IT Asset Manager

Checking the current location and maintenance history of high-value hardware like laptops and specialized cameras.

### Operations Coordinator

Quickly confirming if a specific piece of equipment is available for immediate use or identifying which team needs to manage consumables inventory.

### Facility Manager

Getting an instant, high-level audit summary of asset volume and location distribution across multiple office sites.

## What Changes When You Connect

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- 01 Stop guessing about availability. You can use `list_available_assets` to instantly see which equipment is free for checkout, eliminating manual status checks on paper or in old spreadsheets.

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  - 02 Know where everything is and if it's working. Use `get_asset_detailed_data` to pull the full maintenance history and settings for any single asset ID you name.

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  - 03 Never run out of supplies again. The `list_consumable_inventory` tool gives real-time stock counts, letting your agent flag items hitting low thresholds before they become an issue.

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  - 04 Catch overdue gear fast. Running `list_overdue_checkouts` immediately provides a list of assets past their due date, saving you follow-up time on phone calls and emails.

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  - 05 Get the big picture instantly. The `quick_asset_volume_audit` tool delivers a high-level summary combining asset counts, inventory status, and user data in one go.
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## Real-World Applications

### The board needs an immediate resource audit.

Instead of emailing the IT department to pull reports on all hardware types (laptops, monitors, specialized tools), you ask your agent for a quick asset volume audit. The agent runs `quick_asset_volume_audit` and immediately summarizes the total count of assets across multiple departments.

### The ops team needs to know what's available today.

A colleague asks if they can grab a specific projector for a meeting this afternoon. You ask your agent to use `list_available_assets` and it confirms the item is free, saving you from having to check out physical inventory logs.

**The finance team needs compliance data.**

It's time for a quarterly audit. Instead of manually checking every asset record, you ask your agent to run ``list_managed_assets`` and get the comprehensive list of identifiers needed for the accounting report.

**A member needs supplies urgently.**

You need to confirm if enough ethernet cables are available. You query the system, and your agent uses ``list_consumable_inventory`` to check stock levels across all physical locations, giving you a definitive count.

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## Patterns to Avoid

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**Confusing data scope****X AVOID**

Asking the agent about 'all assets' without specifying if they mean fixed equipment or supplies. The agent might pull a mixed, unreadable list.

**✓ INSTEAD**

Be specific: Ask to ``list_available_assets`` for fixed gear, or ask to ``list_consumable_inventory`` for office supplies. Keep the categories separate.

**Over-relying on a single audit****X AVOID**

Assuming that running ``quick_asset_volume_audit`` gives you enough detail; you need to know *\*who\** has what and when it's due.

**✓ INSTEAD**

Always follow up the general audit with ``list_currently_checked_out_assets`` or check for overdue items using ``list_overdue_checkouts``.

**Missing location context****X AVOID**

Just asking, 'Where are the cables?' without knowing if they mean the physical site or the inventory stockroom.

**✓ INSTEAD**

First, use ``list_asset_locations`` to narrow down the geography, and then ask for supplies using that location as a filter.

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## The Right Fit

Use this MCP if your primary pain point is coordinating physical resources across different departments. It's perfect when you need one centralized source of truth: tracking who has what (checkouts), how many consumables exist (inventory), and where the equipment belongs (locations). Don't use it, however, if you are building a complex, custom workflow that requires actions beyond reading data—this MCP is read-only. If your goal involves *sending* an alert

email or *creating* a new user record, you'll need to connect this capability to a dedicated messaging or CRM tool instead.

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## The daily struggle of finding out 'who has what'.

Today, figuring out asset status means jumping between the main inventory sheet in Google Drive, checking the physical sign-out binder in the operations room, and emailing three different managers to confirm availability. You spend twenty minutes just confirming if that one specific monitor is free for tomorrow's meeting.

With this MCP, you simply ask your agent: 'Which monitors are available next week?' It instantly runs the necessary checks using `list_available_assets` and tells you exactly what's ready to go. You get a clear answer in seconds, not twenty minutes.

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## EZO Asset Intelligence Gives You Total Visibility.

No more sifting through hundreds of rows of data across different tabs. The agent handles the complex queries, whether you need to pull a simple list of all people using `list_account_members` or check on supplies with `list_consumable_inventory`.

You stop managing spreadsheets and start making decisions based on real-time data. It's that simple.

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# EZO Asset Intelligence: 10 Tools

These tools let you read data about assets, inventory, locations, and users directly from your EZO.io account.

| #  | TOOL   | DESCRIPTION  |
|----|--|--|
| 01 | <code>get_ezo_account_metadata</code>          | Retrieves operational limits and metadata for your EZO account structure.                              |
| 02 | <code>get_asset_detailed_data</code>           | Pulls detailed settings and information for a single specified asset ID.                               |
| 03 | <code>quick_asset_volume_audit</code>          | Provides an immediate, high-level summary of assets, current inventory levels, and registered members. |
| 04 | <code>list_currently_checked_out_assets</code> | Identifies every asset that is currently assigned to a member who has borrowed it.                     |
| 05 | <code>list_managed_assets</code>               | Lists all fixed assets recorded in your EZO account, whether they are available or checked out.        |
| 06 | <code>list_available_assets</code>             | Finds and lists only the physical assets that are currently marked as available for checkout.          |
| 07 | <code>list_consumable_inventory</code>         | Lists all supplies and consumable items, along with their current stock counts.                        |
| 08 | <code>list_asset_locations</code>              | Retrieves a list of every physical location and sub-location configured in your account settings.      |
| 09 | <code>list_account_members</code>              | Lists all registered users and members associated with the EZO account.                                |
| 10 | <code>list_overdue_checkouts</code>            | Identifies assets that have passed their expected return date.   |

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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 assets currently checked out.



I've found 12 assets currently checked out, including 'MacBook Pro - IT-001' (assigned to John Miller) and 'Projector - CONF-A' (assigned to Alice Connor). Would you like to see the due dates for these items?

### **U** Show me our inventory levels for 'Ethernet Cables'.



For 'Ethernet Cables' (Cat6), you currently have 85 units in stock across all locations. Your low stock threshold is set to 20 units. Should I pull the list of other consumable items near their limit?

### **U** Check for overdue asset returns.



There are 3 overdue assets: 'Test Kit #5' (due March 10th), 'DSLR Camera' (due March 12th), and 'Tablet - OPS-02'. Would you like the contact information for the members who have these assets?

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## Frequently Asked Questions

### 01 How does EZO Asset Intelligence MCP handle overdue equipment?

It uses the `list\_overdue\_checkouts` tool to identify assets past their return date. This provides a direct list of items, making follow-up much faster.

### 02 Can I find out how many people are registered in my account?

Yes, you can run `list\_account\_members` to pull the full roster of all users and members registered within EZO.

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**03 Does EZO Asset Intelligence MCP work with multiple office sites?**

It supports multi-location tracking. Use `list\_asset\_locations` first, then query assets to filter by a specific site or location type.

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**04 What if I need detailed info on one piece of gear?**

Just ask your agent to run `get\_asset\_detailed\_data`, providing the asset ID. It pulls every known detail, including maintenance records, for that single item.

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**05 Can EZO Asset Intelligence MCP tell me what assets are ready to use?**

Absolutely. The `list\_available\_assets` tool filters out everything checked out and gives you a clean list of equipment currently on site and free for checkout.







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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>"ezo-asset-intelligence": {<br/>  "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

# EZO Asset Intelligence 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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### DOCUMENT INFORMATION

|            |   |
|------------|---|
| Generated  | June 2026   |
| MCP Server | EZO Asset Intelligence MCP  |
| Server ID  | 019d7595-4b4e-72bb-b3d4-366433cdf6be  |
| Platform   | Vinkius Cloud for AI Agents   |
| Endpoint   | <a href="https://edge.vinkius.com/{token}/mcp">https://edge.vinkius.com/{token}/mcp</a> |

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