

MCP SERVER

NO CODE

CLOUD HOSTED

Coupa MCP for AI Agents

Manage procurement workflows, invoices, and supplier data instantly

Coupa connects your enterprise procurement platform directly to your AI agent. Manage every aspect of spending—from creating purchase requisitions and tracking invoices to reviewing supplier compliance status—all through natural conversation. Stop clicking through multiple dashboards; get direct answers on POs, budgets, contracts, and vendor performance instantly.

A+ Quality Score 100/100

procurement

spend-management

purchase-orders

invoice-processing

supplier-management

enterprise-resource-planning



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.

Coupa MCP

10 tools available
Cloud-hosted on Vinkius

Managing corporate spend used to mean logging into the Coupa UI, navigating complex menus, and manually cross-referencing data across different tabs just to answer a basic question about a purchase order or an invoice. This MCP changes that entirely. You simply ask your AI agent what you need—whether it's checking remaining budget for Q3, verifying if a supplier has current insurance, or generating a new purchase request against existing contract terms. Your agent handles the complex workflow behind the scenes. Because this connection is hosted on Vinkius, you connect once and gain access to all of Coupa's powerful tools, making procurement management an instant conversation rather than a multi-step process. You get direct insights into PO status, invoice matching, supplier records, and more, without ever having to touch the web interface.

Core Capabilities

01 — Manage Purchase Orders

Create new purchase orders, approve pending ones, or pull full details on any existing order.

03 — Review Supplier Compliance

Get full vendor profiles, including compliance scores, tax ID details, and performance records.

05 — Query Contracts and Agreements

List active contracts to check expiration dates, terms, and total spending limits remaining under the agreement.

02 — Process Invoices and Match Payments

List incoming invoices, check their payment status, and match them against specific purchase orders for validation.

04 — Track Spending and Budgets

Check real-time budget availability and analyze spend against cost centers or specific departments.

One Click on Vinkius — From Prompt to Execution

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

- 01 Subscribe to this MCP and provide your specific Coupa instance URL along with OAuth 2.0 credentials.
- 02 Connect this resource through any compatible client, like Cursor or Claude. This authorizes your agent to access your procurement data.
- 03 Ask your AI agent a natural language question about spending, suppliers, or orders—the agent runs the necessary workflows and provides the answer.

The bottom line is that you treat Coupa as an internal database accessible via chat conversation, eliminating complex UI navigation entirely.

Built For

Procurement Officers, Accounts Payable teams, Finance Controllers, and Category Managers use this when they're sick of switching between multiple tabs or waiting for manual data exports. They need instant, accurate spending visibility to keep the business moving.

Accounts Payable Specialist

Quickly listing invoices by due date, checking payment status, and matching them against approved purchase orders.

Procurement Officer

Initiating new purchases or finding the best supplier to use while instantly validating budget availability for the required department.

Finance Controller

Monitoring spending patterns across departments and reviewing contract terms to ensure adherence to financial limits.

What Changes When You Connect

-
- 01 Speed up approvals. Instead of searching the UI to approve an order, just ask your agent to run `approve_purchase_order` on a list of pending POs.

 - 02 Cut down invoice processing time. You can use `list_invoices` and have your AI client tell you which invoices need immediate attention or require matching against a PO.

 - 03 Verify vendors instantly. Need to know if Acme Corp is compliant? Use `get_supplier_details` to pull their full profile, compliance scores, and tax document status in seconds.

 - 04 Better Budget Control. Never waste time guessing budget limits; your agent can check the remaining spending available using current cost center data.

 - 05 Track everything from one chat window. Need to know if a contract is expiring? Running `list_contracts` gives you immediate visibility on terms and spend limits.
-

Real-World Applications

The AP team needs to reconcile payments quickly

Instead of opening the Coupa portal, searching by vendor ID, and cross-referencing data across three tabs, the agent runs `list_invoices` and tells you exactly which invoices are overdue or awaiting a PO match.

The Finance Controller needs a spending snapshot

Instead of pulling reports for multiple cost centers, asking the agent to check budget availability instantly shows remaining funds against specific departments or quarters.

A Category Manager needs to check supplier risk

Before signing an agreement, running `get_supplier_details` immediately gives the manager compliance status, performance scorecards, and tax document expiration dates, minimizing legal risk.

A Procurement Officer is creating an urgent PO

The user provides line items and needs a purchase order. The agent uses `create_purchase_order` to resolve supplier links and accounting allocations, generating the PO directly without manual data entry.

Patterns to Avoid

Manually cross-referencing documents**✗ AVOID**

Having to open a document, copy the invoice number, switch tabs, search for the corresponding PO using that number, and then compare dates manually.

✓ INSTEAD

Use your agent to run `list_invoices` and simultaneously check the status of related purchase orders via `get_purchase_order`. The AI client handles all cross-referencing logic in one pass.

Guessing budget limits**✗ AVOID**

Submitting a requisition that gets stuck because someone failed to verify if the department actually has enough money allocated for the quarter.

✓ INSTEAD

Before submitting, ask your agent to check the available spending using the integrated budget tools. This prevents unnecessary delays and rejected submissions.

Forgetting vendor compliance checks**✗ AVOID**

Placing a large order with a new supplier without confirming they have up-to-date tax forms or adequate insurance coverage.

✓ INSTEAD

Always check the full profile using `get_supplier_details` first. This ensures the supplier is fully vetted before any commitment is made.

The Right Fit

Use this MCP if your biggest bottleneck in procurement is data retrieval, cross-referencing, or manual workflow initiation. You need a single interface to query POs, invoices, and vendor compliance without leaving the chat window. Don't use it if you are trying to *edit* complex financial ledger entries directly; while tools like `query_coupa_resource` allow deep access, they require knowing the exact API structure. If your goal is simply to view a static report that doesn't involve action, an exported spreadsheet might be faster than asking the agent.

Coupa MCP for AI Agents: Solving Complex Procurement Workflows

Think about how you currently manage a batch of incoming invoices. You pull the list, noting vendor names and amounts. Then, you have to switch to another system or tab to find the matching PO number, confirming that both match within acceptable tolerance limits. This process is repetitive, prone to human error, and takes up hours every week.

With this MCP, your agent handles all of it. You tell it: 'Find me all invoices from last month that need a PO match.' It runs the necessary checks across systems, delivering you a clean list showing exactly which payments are stuck waiting for approval or reconciliation. The result is actionable intelligence, not just raw data.

Coupa MCP for AI Agents: Improving Vendor and Contract Oversight

Before you onboard a new vendor or sign a major contract renewal, the manual process involves checking multiple internal records. You pull up their details to verify tax IDs, check if their insurance is current, and then manually search for associated contracts to ensure there isn't an

Now, you ask your agent to 'Check compliance for Vendor XYZ.' It pulls the full profile using `get_supplier_details`, cross-references open agreements with `list_contracts`, and gives you a single summary answer. You gain complete visibility without ever opening three different browser tabs.

existing agreement that overrides your intended terms.

Manage 10 Coupa Tools: Purchase Orders & Invoice Processing

Use these tools to manage every aspect of spending, including creating POs, listing invoices, and checking vendor compliance status through natural conversation.

#	TOOL	DESCRIPTION
01	<code>approve_purchase_order</code>	Approves a pending purchase order, moving it forward in the workflow process.
02	<code>create_purchase_order</code>	Generates and submits a brand new purchase order using detailed line items and accounting codes.
03	<code>get_purchase_order</code>	Retrieves all specific details for one designated purchase order, including shipping and financial data.
04	<code>get_supplier_details</code>	Pulls the complete profile, compliance status, and contact information for a single vendor.
05	<code>list_contracts</code>	Displays all active procurement contracts, showing their validity period and associated suppliers.
06	<code>list_invoices</code>	Lists invoices, providing the vendor name, number, payment status, and due date for a batch of documents.
07	<code>list_purchase_orders</code>	Retrieves a list of purchase orders across the system, including supplier names, total amounts, and current statuses.
08	<code>list_requisitions</code>	Lists all pending purchase requisitions, showing who requested them and where they are stalled in the approval chain.
09	<code>list_suppliers</code>	Searches or lists vendors using their legal name, tax ID, contact info, or payment terms.
10	<code>query_coupa_resource</code>	Allows you to access any specific Coupa REST API resource directly by providing the endpoint details.

See It in Action

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

U Show me all pending POs for IT over \$10,000 that need approval.



Pending Purchase Orders (IT Department)

PO ID	TOTAL AMOUNT	STATUS	REQUESTER
PO-2026-4501	\$180,000	Pending Approval	J. Smith
PO-2026-4512	\$67,500	Pending Approval	A. Jones

Summary: Two high-value orders are waiting for action totaling \$247,500. Do you want me to initiate the approval process for both?

U What's the status of Acme Corp? Are they compliant and do we have an active contract?



Vendor Compliance Report: Acme Corp

- **Compliance Status:** Approved. All documents current.
- **Tax Forms:** W-9 on file (Expires Dec 2026).
- **Performance Score:** 4.2/5 (Last 12 months).

We have an active contract (ID: CON-789) expiring Q3 next year, with \$1.2M remaining spend capacity.

- U** List all invoices for Marketing in the last two weeks and tell me if they match any open POs.



Invoice Review (Marketing - Past 14 Days)

- **INV-3002:** \$5,120. Due: Jun 28. **Status:** Matched to PO-4501. Waiting for payment approval.
- **INV-3003:** \$790. Due: Jul 5. **Status:** Needs manual review. No matching PO found yet.

Action required on INV-3003. Would you like me to list the requisitions associated with that department?

Frequently Asked Questions

01 How can I use Coupa MCP for AI Agents to check my current budget?

You can ask your agent directly about spending. It accesses real-time data to tell you how much money is left in a cost center or department, preventing overspending before you even submit the order.

02 Does Coupa MCP for AI Agents help me with vendor management?

Yes, it pulls full supplier profiles instantly. You can check compliance status, tax document expiration dates, and performance scores without navigating the separate vendor portal.

03 Can I use this MCP to approve purchase orders through chat?

Absolutely. If an order is waiting for your sign-off, you just ask your agent to approve it, automating a step that used to require logging in and clicking multiple times.

04 What if I need to find contracts or know their expiration date?

The MCP allows you to list active procurement contracts. It immediately pulls critical details like the validity period, associated suppliers, and how much money is left under that agreement.

05 Is Coupa MCP for AI Agents good for Accounts Payable teams?

It's excellent for AP. You can list invoices, check their payment status, and confirm if they match open purchase orders—all without logging into the traditional invoice module.

06 What is the easiest way to create a new PO using this MCP?







You simply tell your agent what you need. It guides you through providing line items, resolving supplier links, and allocating accounting codes, then submits the complete purchase order for you.

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>"coupa": { "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

Coupa 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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DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Coupa MCP
Server ID	019d757d-40ba-7080-8613-a0379c2b5be4
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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