

MCP SERVER

NO CODE

CLOUD HOSTED

Odoo Accounting MCP

Manage your books without switching tabs.

Odoo Accounting manages your entire financial ledger through natural conversation. Pull up every invoice, bill, payment record, and journal entry without clicking through screens or opening multiple tabs. Get a full view of accounts receivable, accounts payable, cash flow history, and the complete chart of accounts directly from your AI client.

A+ Quality Score 100/100

invoicing

general-ledger

financial-reporting

accounts-payable

accounts-receivable

journal-entries



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.

Odoo Accounting MCP

7 tools available

Cloud-hosted on Vinkius

Managing business finances usually means jumping between dozens of screens—one for sales orders, one for paying vendors, another just to check if the tax rates are right. This MCP connects that whole mess into a single conversation with your agent. You can ask complex questions like, 'Show me all outstanding bills from vendors paid in the last 30 days,' and it handles the lookup. It pulls up everything you need: customer invoices, vendor bills, payment history, or even manual adjustments to the general ledger. The Vinkius catalog brings this functionality right into your existing AI client, meaning you never have to leave your workspace just because you need a financial record. You get real-time visibility into every aspect of your money flow.

Core Capabilities

01 — Review Accounts Payable and Receivable

List customer invoices or vendor bills to see outstanding amounts, payment statuses, and due dates.

03 — Analyze General Ledger Structure

View the full chart of accounts to understand the financial hierarchy and specific account types (assets, liabilities, etc.).

05 — Check Tax Compliance

View all configured tax rates and determine if they apply correctly to sales or purchases.

02 — Track Cash Flow Activity

Retrieve a history of all payments made or received, detailing the amount, method, and reconciliation status.

04 — Handle Manual Adjustments

Access records of manual journal entries for things like depreciation or accruals that aren't tied to a sale or bill.

One Click on Vinkius — From Prompt to Execution

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

- 01** Tell your agent exactly what financial data you need, like 'What are the unpaid vendor bills?'
- 02** The MCP uses your request to query Odoo's structured financial records and pull the relevant transaction data.
- 03** Your agent presents a clean summary of the findings—such as outstanding invoices or payments—without any manual setup.

The bottom line is, you ask for a specific piece of financial information in plain English, and your AI client delivers it directly from Odoo without needing to know where the data lives.

Built For

Finance teams who spend too much time clicking between accounting dashboards and spreadsheets. This is for anyone whose job involves reconciling payments, tracking receivables, or making sure the general ledger lines up with physical documents.

Accountant

Quickly pulling reports on journal entries or listing all taxes to verify compliance before month-end closing.

Accounts Payable Clerk

Finding and tracking outstanding vendor bills when a supplier calls asking for an update.

Sales Operations Manager

Checking the status of customer invoices to confirm if payments are received or if they're overdue.

What Changes When You Connect

- 01** Stop toggling between Accounts Payable and Receivables. You can ask the agent to list both vendor bills and customer invoices in a single query, giving you one full view of outstanding money owed.

-
- 02** Never get lost in general ledger codes again. Use `odoo_list_accounts` to instantly understand the entire chart of accounts structure, knowing exactly where every dollar is recorded.
-
- 03** Track cash flow effortlessly. By listing payments through `odoo_list_payments`, you can immediately see if a recent deposit was processed and reconciled against a specific bill or invoice.
-
- 04** Avoid tax headaches by checking rates upfront. Use `odoo_list_taxes` to verify the correct VAT or GST rate applies before generating any customer invoice.
-
- 05** Bypass complex report building. Instead of manually creating accrual reports, simply ask for manual journal entries via `odoo_list_journal_entries` and get the data you need instantly.
-

Real-World Applications

Reconciling a large batch of payments

An account manager needs to confirm which recent bank deposits correspond to open invoices. They ask their agent, 'List all payments in the last week and cross-reference them with outstanding customer invoices.' The agent uses `odoo_list_payments` and `odoo_list_invoices` to provide a clear reconciliation summary.

Auditing financial records

An auditor needs to understand how a specific asset account is structured. They ask, 'What accounts are classified as fixed assets?' The agent uses `odoo_list_accounts` to provide the full General Ledger breakdown.

Verifying vendor payment status

A buyer needs to know if they are current on payments. They ask, 'Show me all unpaid bills from the hardware supplier.' The agent uses `odoo_list_bills` and can also check for recent bank activity using `odoo_list_payments`.

Quickly understanding tax liability

A sales rep needs to know if a client's location requires a specific tax rate. They ask, 'What are all applicable taxes?' The agent uses `odoo_list_taxes` and can verify the rates applied during invoicing.

Patterns to Avoid

Copying data from multiple screens

X AVOID

The user manually opens the invoice screen, then opens the payments screen, copies a date range, and pastes it into a spreadsheet to compare outstanding amounts.

✓ INSTEAD

Instead of copy-pasting, ask your agent directly. Use `odoo_list_invoices` or `odoo_list_bills`, specifying the desired date range in one prompt so you get consolidated data.

Confusing GL structure with transactions

X AVOID

The user asks for 'all outstanding money' and gets a generic list that mixes account names (like 'Cash') with actual transaction details.

✓ INSTEAD

Specify the tool. If you need the structure, use `odoo_list_accounts`. If you need payments, use `odoo_list_payments` to get actionable transactions.

Forgetting manual adjustments

X AVOID

The user only reviews invoices and bills, completely missing necessary entries like depreciation or payroll accruals.

✓ INSTEAD

Don't forget the manual side. Always check `odoo_list_journal_entries` to make sure you're seeing all the non-invoice accounting movements.

The Right Fit

Use this MCP if your bottleneck is the *interface*, not the data itself. You need instant access to read and categorize financial records—like pulling a list of outstanding bills or checking tax rates—without navigating complex menus. It excels at synthesizing information across different Odoo modules (Sales, Accounting, Inventory). Don't use it if you need to *modify* core system logic, run massive data migrations, or build custom accounting rules; for that, you still need the full Odoo ERP platform itself. If your job involves querying existing records and comparing them (e.g., 'Compare all payments last month vs. outstanding bills'), this is perfect. But if you're trying to perform a calculation outside of standard double-entry principles, use dedicated spreadsheet software instead.

The headache of financial data silos

Right now, checking your company's cash status is a multi-step chore. You have to open the sales module for outstanding invoices; then you switch tabs to the purchasing module for bills due; next, you jump into the bank reconciliation screen just to see what payments cleared that day. It's tedious copy-pasting across half a dozen different screens.

With this MCP, you simply ask your agent what the total outstanding balance is. It pulls together data from customer invoices and vendor bills in one go. You get an immediate summary of exactly where all the money stands.

Accessing the General Ledger with `odoo_list_accounts`

Manually finding out what a specific account code means—is it revenue? Is it an asset?—requires digging deep into Odoo's structure and documentation. You waste time cross-referencing codes to understand the financial hierarchy.

Now, you just ask your agent to list the chart of accounts using `odoo_list_accounts`. It spits out every code and its proper type instantly, giving you total clarity on your books.

Odoo Accounting: 7 Financial Data Operations Tools

Process every aspect of accounting data from vendor bills to general ledger codes using these seven specific tools.

#	TOOL	DESCRIPTION
01	<code>odoo_list_accounts</code>	Lists every general ledger account code, its type, and whether it supports reconciliation.
02	<code>odoo_list_bills</code>	Retrieves vendor bills (supplier invoices), showing the amount owed, payment status, and due dates.
03	<code>odoo_list_invoices</code>	Lists customer invoices, providing amounts, payment statuses, and whether they are paid or overdue.
04	<code>odoo_list_journal_entries</code>	Retrieves manual accounting adjustments (journal entries), detailing the total amount, journal, and posting date.
05	<code>odoo_list_journals</code>	Lists all configured accounting journals, such as Sales, Purchase, Bank, or Cash.
06	<code>odoo_list_payments</code>	Shows payment transactions over time, detailing the amount, method (bank/cash), and if it's reconciled.
07	<code>odoo_list_taxes</code>	Lists all tax configurations, showing the name, rate percentage, and whether it applies to sales or purchases.

See It in Action

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

U Search for leads from the website



CRM Leads — Website

NAME	EMAIL	STAGE	REVENUE
Acme Corp	info@acme.com	Qualification	\$15,000
Beta Inc	hello@beta.io	Proposition	\$8,500

U Show recent sales orders



Sales Orders

SO#	CUSTOMER	AMOUNT	STATUS
S00042	Acme Corp	\$12,500	Confirmed
S00041	Beta Inc	\$3,200	Draft

Frequently Asked Questions

01 Can Odoo Accounting MCP handle tax rates?

Yes. You can use `odoo_list_taxes` to list all configured tax rates and verify if they apply correctly to sales or purchases before you create any invoices.

02 How do I check unpaid bills with Odoo Accounting MCP?

Use the `odoo_list_bills` tool. It lists vendor bills (supplier invoices), giving you the amount owed, payment status, and due dates for every outstanding bill.

03 What is the difference between journal entries and payments using Odoo Accounting MCP?

Journal entries are manual accounting adjustments (like depreciation). Payments are actual transactions. Use `odoo_list_journal_entries` for accruals, and `odoo_list_payments` to see money moving in or out of the bank.

04 Does Odoo Accounting MCP help with customer invoices?

Yes. The `odoo_list_invoices` tool lists all customer invoices, allowing you to check amounts, payment status (paid/unpaid), and due dates.

05 Can I see the complete financial structure?







The `odoo_list_accounts` tool gives you the full General Ledger account structure, listing codes, names, types, and reconciliation capabilities.

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>"odoo-accounting": { "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

Odoo Accounting 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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