

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Invoice Discount Calculator MCP

Handle complex discount math and bulk invoice totals instantly.

Invoice Discount Calculator MCP handles the heavy lifting for your financial math. It lets your AI client calculate exact discount breakdowns, check if a discount stays within business limits, and process large batches of invoice data in one go. You can also add fixed service fees to discounted totals without manual recalculation.

A+ Quality Score 100/100

invoice

discount

calculation

finance-tools

accounting-automation



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.

Invoice Discount Calculator MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually checking discount math in spreadsheets. This MCP gives your AI client the specific tools needed to manage invoice pricing and discount logic. If you need to see exactly how much a customer is saving, you can get a full breakdown of the math. You can also use it to enforce business rules by checking if a requested discount percentage is actually allowed. For repetitive work, you can pass a batch of invoice data to the agent and get all the totals back at once. It even handles post-discount service fees, so you don't have to worry about adding flat fees separately. It's built to keep your billing math consistent and fast.

Core Capabilities

01 — Discount Breakdown

Your agent uses this to show customers exactly how much they are saving on an invoice.

02 — Bulk Processing

Your agent uses this to calculate totals for many invoices at the same time using a JSON string.

03 — Policy Enforcement

Your agent uses this to ensure requested discounts don't violate company rules.

04 — Fee Application

Your agent uses this to add fixed service charges to a discounted subtotal.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/invoice-discount-calculator — connect your AI agent in three steps.

- 01
- Connect the MCP to your AI client via Vinkius.
- 02
- Provide the agent with subtotal, discount, or fee data.
- 03
- The agent calls the specific tool needed for the task.
- 04
- The agent returns the calculated totals or validation results.

You connect the MCP to your client and then give your agent instructions to perform math or validation.

Built For

This MCP is for professionals who need to automate or verify financial calculations within their AI workflows.

Accountants

They hand off bulk invoice totals and discount verification to the agent.

Billing Specialists

They use the agent to calculate final totals including service fees.

Sales Operations

They use the agent to check if proposed customer discounts are valid.

What Changes When You Connect

- 01
- Reduces manual math errors in invoice totals.
- 02
- Automates bulk invoice processing through JSON inputs.
- 03
- Enforces discount limits through automated validation.

- 04 Combines discount math and flat fee application in one workflow.
-

Real-World Applications

Bulk Billing

Process a large list of invoices to get all final totals in one step.

Discount Verification

Check if a salesperson's proposed discount is within the allowed company range.

Customer Quotes

Generate a clear breakdown of savings and final costs for a client quote.

Service Fee Calculation

Add a standard processing fee to an invoice after a discount has been applied.

Patterns to Avoid

Manual Discount Math

❌ AVOID

You try to calculate the final price and savings manually in your prompt and then ask the agent to check your work.

✓ INSTEAD

Let the agent do the math from the start. Use ``calculate_discount_details`` to get an accurate breakdown of savings and totals without human error.

One-by-One Batching

❌ AVOID

You feed the agent one invoice at a time to get totals because you don't want to format a large list.

✓ INSTEAD

It's much faster to pass a single JSON string containing all your data. Use ``get_bulk_invoice_totals`` to process the whole batch in one go.

Ignoring Policy Limits

❌ AVOID

You ask the agent to apply a 40% discount to a client without checking if your company allows it.

✓ INSTEAD

Always verify the percentage first. Use ``validate_discount_eligibility`` to ensure the requested discount stays within your business rules.

The Right Fit

Connect this MCP if your team handles high volumes of billing or needs to verify salesperson discounts against strict company policies. Do not connect it if your billing is simple, static, and doesn't involve variable discounts or service fees. The deciding factor is whether you need to automate the validation of discount math and policy compliance.

Invoice Discount Calculator 4 Tools

These tools handle the heavy lifting for invoice math, from single discount breakdowns to bulk processing of entire invoice batches.

#	TOOL	DESCRIPTION
01	apply_flat_fee_after_discount	This tool calculates a final total by adding a fixed service fee to an already discounted amount.
02	calculate_discount_details	This tool provides a complete breakdown of a discount, showing the specific amount saved and the final total.
03	get_bulk_invoice_totals	This tool processes a JSON string of multiple invoice objects to return a list of calculated totals for the entire batch.
04	validate_discount_eligibility	This tool checks if a specific discount percentage falls within your predefined business limits.

See It in Action

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

U Calculate the discount details for a subtotal of 100 with a 15% discount.



The subtotal is 100, the discount amount is 15, and the final total is 85.

U Is a 25% discount eligible?



The discount is eligible if it does not exceed the maximum allowed limit.

U What is the total for a 200 subtotal with a 10% discount and a 5 service fee?



The final total including the service fee is 185.

Frequently Asked Questions

01 How do I use this MCP with my AI client?

You connect to the MCP through the Vinkius platform. Once connected, your AI client can immediately call the tools provided in the catalog.

02 Can I process multiple invoices at once?

Yes. You can use the `get_bulk_invoice_totals` tool by passing a JSON string containing multiple invoice objects.

03 Does this handle service fees?

Yes. The `apply_flat_fee_after_discount` tool is designed to add a fixed fee to a total after a discount is applied.

04 Can the agent check if a discount is too high?

Yes. The `validate_discount_eligibility` tool checks if a discount percentage is within your business limits.

05 What kind of data does the bulk tool need?

The bulk tool requires a JSON string of invoice objects containing subtotal and discount pairs.

06 How do I calculate a single invoice discount?

You can use the `'calculate_discount_details'` tool by providing the subtotal and the discount percentage.

07 How are service fees handled?

Use `'apply_flat_fee_after_discount'` to apply a discount first and then add a fixed service fee to the result.

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>"invoice-discount-calculator": { "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

Invoice Discount Calculator 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 →

vinkius.com · support@vinkius.com

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Endpoint	https://edge.vinkius.com/{token}/mcp

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