

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

Handmade Item Price Calculator MCP

Stop guessing your margins and start pricing for profit.

Handmade Item Price Calculator MCP helps artisans turn raw material costs and labor hours into sustainable retail prices. It handles the math for overhead, platform fees, and sales tax so you can focus on creating. Connect it to your AI client to instantly run pricing scenarios and ensure every piece you sell actually contributes to your bottom line.

A+ Quality Score 100/100

artisan

pricing

profit

handmade

small-business



SCAN TO VIEW

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.

Handmade Item Price Calculator MCP

4 tools available

Cloud-hosted on Vinkius

Running a handmade business means you're the maker, the shipper, and the accountant. It is easy to undercharge when you forget to account for the small things like packaging or the platform fees that eat into your hard-earned money. This MCP fixes that by giving your AI agent the math tools needed to build a real pricing model.

You can feed your raw costs into the tool to see exactly what a single unit costs you to produce. From there, you can set a target profit margin and let the AI calculate a selling price that covers both your time and the marketplace fees. If you want to see how a different platform fee or a higher margin would change your take-home pay, you can run comparisons in seconds. It takes the guesswork out of your business math, ensuring you never accidentally sell a product at a loss.

Core Capabilities

01 — Cost Analysis

Your agent calculates the true cost of production including labor and overhead.

02 — Margin Protection

The AI finds the exact price needed to maintain your target profit after fees.

03 — Tax Calculation

Your agent determines the final price a customer pays including sales tax.

04 — Scenario Modeling

The AI compares different pricing setups to show how they impact your profit.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/handmade-item-price-calculator — connect your AI agent in three steps.

- 01
- Subscribe to the MCP on Vinkius.
- 02
- Connect your AI client like Claude or Cursor with one click.
- 03
- Tell your agent your material, labor, and overhead costs.
- 04
- Ask the agent to calculate your selling price or compare scenarios.

Get your pricing math running in minutes by connecting this MCP to your preferred AI client.

Built For

This MCP is built for independent makers and small business owners who need precise financial data without opening a spreadsheet.

Artisans

Makers who hand off material and labor costs to the AI to find retail prices.

E-commerce Sellers

Small business owners who use the AI to account for marketplace fees and margins.

Small Business Accountants

Freelancers who use the AI to quickly model different pricing strategies for clients.

What Changes When You Connect

- 01
- Accounts for hidden costs like overhead and packaging.
- 02
- Protects profit margins against platform transaction fees.
- 03
- Provides instant price comparisons for different business models.

04 Calculates customer-facing prices including sales tax.

Real-World Applications

New Product Launch

Calculate the initial price for a new item by inputting material and labor costs.

Platform Fee Adjustment

Compare how moving from one marketplace to another affects your final profit per unit.

Sales Tax Estimation

Determine the total amount a customer will be charged at checkout.

Margin Testing

See how much you need to raise prices to hit a higher profit goal.

Patterns to Avoid

Ignoring hidden overhead costs

❌ AVOID

You only input the cost of your yarn and needles when calculating a new product price.

✓ INSTEAD

Include your studio rent, electricity, and packaging in your math. Use ``calculate_unit_cost`` to get a true picture of what production actually costs you.

Forgetting platform transaction fees

❌ AVOID

You set a price based on your desired profit without accounting for the cut the marketplace takes.

✓ INSTEAD

Always account for the percentage the platform keeps. Use ``calculate_selling_price`` to ensure your target margin stays intact after fees are deducted.

Guessing final customer totals

❌ AVOID

You tell a customer a price but realize later you didn't account for the sales tax they'll owe.

✓ INSTEAD

Get the exact out-the-door number for your buyers. Use ``calculate_price_with_tax`` to find the final price including sales tax.

The Right Fit

Connect this MCP if you are an independent maker or small business owner who needs to protect your margins without manual spreadsheet work. Do not connect it if you already have a dedicated accounting software that handles real-time pricing simulations. The decision comes down to whether you want your AI agent to perform instant, specific pricing math on demand.



Handmade Item Price Calculator: 4 Essential Math Tools

These tools handle the heavy lifting for your business math, from calculating unit costs to comparing different pricing strategies.

#	TOOL	DESCRIPTION
01	calculate_price_with_tax	This tool calculates the final out-the-door price for your customers by adding sales tax to your base price.
02	calculate_unit_cost	Use this to find your total production cost by combining material expenses, labor, and overhead.
03	calculate_selling_price	This tool determines the retail price you need to charge to hit a specific profit margin after platform fees.
04	compare_pricing_scenarios	This tool lets you weigh two different pricing strategies against each other to see how they affect your profit.

See It in Action

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

U I spent \$15 on materials and 3 hours of work at \$20/hour. My overhead is 10% and packaging is \$2. What is my total unit cost?



Your total unit cost is \$78.50.

U My total unit cost is \$50. I want a 25% profit margin and the platform fee is 10%. What should my selling price be?



Your suggested selling price is \$76.92.

U If my suggested price is \$100 and the tax rate is 8%, what is the final price for the customer?



The final customer price is \$108.00.

Frequently Asked Questions

01 How does this MCP help with profit margins?

It uses the `calculate_selling_price` tool to find the price you need to charge to cover both your production costs and platform fees while hitting your target margin.

02 Can I use this with Claude or Cursor?

Yes, this MCP is compatible with any MCP-compatible client, including Claude, Cursor, and Windsurf.

03 Does it account for marketplace fees?

Yes, you can include platform fees in your calculations to ensure your final selling price covers those costs.

04 What is included in the unit cost?

The unit cost includes your raw materials, the cost of your labor, any overhead, and packaging expenses.

05 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you, so it is ready to use as soon as you connect your client.

06 How does this tool help me stay profitable?

It ensures you account for all hidden costs like overhead and platform fees, so your target margin is actually what you keep in your pocket.

07 Can I compare different pricing strategies?

Yes, you can use `compare\_pricing\_scenarios` to see how adjusting your target margin or platform fees changes your final price and profit.

08 Does this include sales tax in the price?

The `calculate\_price\_with\_tax` tool allows you to add a specific tax rate to your suggested selling price to find the total amount a customer pays.

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>"handmade-item-price-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

Handmade Item Price 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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Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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