

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

Pet Treat Cost Calculator MCP

Keep your pet supply spending on track and within budget.

Pet Treat Cost Calculator helps you manage the math behind pet supplies. Your AI client uses this MCP to calculate total costs for specific quantities, find bulk savings, categorize your spending tiers, and check if new purchases fit your existing budget. It turns your agent into a specialized financial assistant for pet care expenses.

A+ Quality Score 100/100

budgeting

pet-care

cost-calculation

shopping

savings



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.

Pet Treat Cost Calculator MCP

4 tools available

Cloud-hosted on Vinkius

Managing pet supplies shouldn't feel like a math problem. This MCP gives your AI client the specific tools needed to handle pet treat expenditures without you having to do the manual arithmetic. Whether you are planning a monthly bulk order or just checking if a single bag fits your weekly budget, your agent can run the numbers instantly.

You can use it to see how much you'll actually save when buying in bulk or to categorize your spending into specific tiers to better understand your habits. It also acts as a guardrail for your wallet. By using the budget verification tool, you can ask your agent to confirm if a planned purchase will push you over your limit before you hit the checkout button. It's a simple way to bring financial precision to your pet care routine.

Core Capabilities

01 — Bulk Savings Analysis

Your agent calculates the price drop per unit when buying larger quantities.

02 — Budget Guardrails

The AI checks planned purchases against your defined spending limits.

03 — Spending Categorization

Your agent sorts costs into tiers to help you visualize spending patterns.

04 — Total Cost Estimation

The AI determines the final price for any specific quantity of treats.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/pet-treat-cost-calculator — connect your AI agent in three steps.

- 01 Connect the MCP to Claude, Cursor, or Windsurf via Vinkius.
- 02 Provide your agent with your current budget or treat prices.
- 03 Ask your agent to calculate costs, discounts, or budget compliance.
- 04 Receive immediate mathematical breakdowns and budget confirmations.

Connect the MCP to your client and start asking questions about costs and budgets.

Built For

This MCP is built for anyone managing pet care finances who wants to automate the math behind their shopping.

Pet Owners

Hand off bulk order calculations and budget checks to your agent.

Budget Managers

Use the agent to categorize spending tiers and verify limits.

Small Pet Shop Owners

Let your AI client calculate unit costs and bulk discounts quickly.

What Changes When You Connect

- 01 Automates unit price calculations for bulk orders.
- 02 Prevents overspending by verifying purchases against set budgets.
- 03 Organizes expenditures into clear spending tiers.

04 Provides instant total cost estimates for any quantity.

Real-World Applications

Bulk Buying Decisions

Ask your agent if buying 100 treats is cheaper per unit than buying 10.

Budget Compliance

Check if a new bag of treats fits into your remaining monthly pet budget.

Spending Analysis

Have your agent group your treat costs into tiers to see where your money goes.

Quick Price Checks

Get the total price of a specific treat count without using a calculator.

Patterns to Avoid

Manual math errors

❌ AVOID

You try to calculate the bulk savings yourself and accidentally miscount the treats in a large bag.

✓ INSTEAD

Let your agent handle the math by using `get_discounted_price` to find the exact price per unit.

Ignoring budget limits

❌ AVOID

You add a massive bag of treats to your cart without checking if you have enough money left this month.

✓ INSTEAD

Run a check with `verify_inventory_budget` before you commit to the purchase to ensure you stay on track.

Vague spending tracking

❌ AVOID

You know you spend a lot on pets but can't tell if it's mostly treats or medicine.

✓ INSTEAD

Use `analyze_spending_tier` to group your costs into clear categories for better visibility.

The Right Fit

Connect this MCP if you manage pet supplies and want to automate price comparisons or budget enforcement. Do not connect it if you prefer doing all your own arithmetic or don't track pet-related expenses. The decision comes down to whether you want your agent to act as a financial guardrail for your pet care spending.

Pet Treat Cost Calculator: 4 Specialized Tools

These tools handle all the unit math, bulk discount logic, and budget checks for your pet supply purchases.

#	TOOL	DESCRIPTION
01	analyze_spending_tier	This tool sorts your total expenditures into specific spending categories to help you organize your budget.
02	calculate_total_cost	Use this to find the exact price for a specific number of treats.
03	get_discounted_price	This tool calculates the lower price per treat when you buy in bulk.
04	verify_inventory_budget	This tool checks if a planned purchase stays within the budget limits you have set.

See It in Action

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

U How much will 50 treats cost if each one is \$0.50?



The total cost for 50 treats at \$0.50 each is \$25.00.

U I have a budget of \$20. Can I afford 40 treats at \$0.45 each?



No, the total cost would be \$18.00, which is within your \$20.00 budget. You will have \$2.00 remaining.

U What is the discount if I buy 100 treats at a base price of \$0.60?



For 100 treats, the discounted unit price is \$0.50, resulting in total savings of \$10.00.

Frequently Asked Questions

01 What can this MCP do for my pet budget?

It calculates total costs, finds bulk discounts, categorizes your spending, and checks if purchases stay within your budget.

02 Which AI clients can use this MCP?

You can use this MCP with any compatible client like Claude, Cursor, or Windsurf.

03 How does it handle bulk discounts?

The `get_discounted_price` tool calculates the adjusted price per treat when you buy in larger quantities.

04 Can I use this to prevent overspending?

Yes, the `verify_inventory_budget` tool checks if a planned purchase stays within your defined limits.

05 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you, so it is ready to use immediately after connection.

06 How do I calculate the total cost of my pet treats?

You can use the `calculate_total_cost` tool by providing the quantity of treats and the price per individual treat.

07 Can I check if a purchase fits my budget?

Yes, the `verify_inventory_budget` tool allows you to check if a planned purchase stays within your defined budget limit.

08 Does this tool handle bulk discounts?

Yes, use `get_discounted_price` to calculate the adjusted unit price and total savings when buying in larger quantities.

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>"pet-treat-cost-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

Pet Treat Cost 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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DOCUMENT INFORMATION

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

LICENSE & USAGE

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