

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 Calculator MCP

Keep your pet's treats within healthy dietary limits.

Pet Treat Calculator helps you manage feeding schedules and inventory. Your AI client uses this MCP to calculate exact treat counts for specific timeframes, verify that feeding plans meet health constraints, and figure out exactly how many bags to buy for bulk orders.

A+ Quality Score 100/100

pet-care

nutrition

calculator

dietary-planning

inventory



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 Calculator MCP

4 tools available

Cloud-hosted on Vinkius

Managing a pet's diet involves more than just filling a bowl. If you're tracking daily rewards or managing a strict nutritional plan, the math can get tedious. This MCP handles the numbers for you. You can ask your AI client to check if a proposed treat schedule stays within safe health boundaries or to calculate how many treats you'll need for the next month. It also takes the guesswork out of shopping by calculating exactly how many bags you need to buy based on your total treat requirements. Whether you are a pet owner keeping things consistent or a professional managing multiple animals, this tool ensures your feeding plans are mathematically sound and easy to track.

Core Capabilities

01 — Dietary Validation

Your agent checks if a feeding plan follows specific health rules.

02 — Inventory Planning

The AI calculates how many bags to purchase for a set amount of treats.

03 — Requirement Calculation

Your client determines the total treat count for any given timeframe.

04 — Schedule Summarization

The tool generates a quick overview of a feeding period.

One Click on Vinkius — From Prompt to Execution

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

01 Connect the MCP to your client like Claude or Cursor via Vinkius.

02 Tell your AI client what your pet's treat needs or limits are.

03 Ask the agent to perform a specific calculation or validation.

04 Receive the exact numbers or a summary of the feeding plan.

Connecting this MCP to your AI client gives you immediate access to specialized pet math tools.

Built For

This MCP is built for anyone responsible for managing pet nutrition and treat inventory.

Pet Owners

They hand off daily treat math and shopping lists to their AI client.

Animal Caretakers

They use the tool to ensure feeding schedules remain consistent and safe.

Shelter Managers

They use the tool to plan bulk treat purchases for multiple animals.

What Changes When You Connect

- 01

Prevents overfeeding by validating plans against health constraints.
- 02

Reduces shopping errors by calculating exact bag counts for bulk orders.
- 03

Saves time by automating treat math for any duration.

Real-World Applications

Daily Feeding Checks

Ask your agent to verify if a new treat reward fits within your pet's daily limit.

Long-term Planning

Determine the total number of treats needed for a vacation or a specific month.

Bulk Shopping Trips

Calculate how many bags of treats to grab at the store to last for a specific number of weeks.

Dietary Compliance

Ensure a proposed feeding schedule doesn't violate established health rules.

Patterns to Avoid

Guessing treat counts

❌ AVOID

You tell your agent to just estimate how many treats to buy for a month-long trip.

✓ INSTEAD

Use ``get_total_treats`` to find the exact number needed for your specific timeframe.

Ignoring health limits

❌ AVOID

You add extra rewards to a pet's schedule without checking if it's safe.

✓ INSTEAD

Run your plan through ``validate_dietary_plan`` to ensure it stays within health constraints.

Buying the wrong amount

❌ AVOID

You buy three bags of treats because it feels like enough for the week.

✓ INSTEAD

Run ``calculate_bulk_order`` to get the precise bag count required for your needs.

The Right Fit

Connect this MCP if you manage pet nutrition for one animal or a whole shelter. Do not connect it if you are just looking for general pet advice. The decision depends on whether you need mathematically sound feeding schedules and inventory counts.

Pet Treat Calculator: 4 Essential Nutrition Tools

These tools handle the math for treat counts, bulk shopping needs, and dietary safety checks.

#	TOOL	DESCRIPTION
01	calculate_bulk_order	This tool tells you exactly how many full bags of treats you need to buy to meet your total requirement.
02	get_total_treats	Use this to find the total number of treats required for any specific duration you set.
03	summarize_treat_schedule	This tool provides a high level overview of a feeding period.
04	validate_dietary_plan	This tool checks if your proposed treat schedule stays within standard pet health constraints.

See It in Action

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

U How many treats do I need for 14 days if I give my dog 2 treats every day?



You will need 28 treats for the 14-day period.

U Is it safe to give 5 treats a day if the limit is 4?



No, that plan is invalid because it exceeds the daily limit by 1 treat.

U I need 50 treats and bags contain 12 treats each. How many bags should I buy?



You should buy 5 bags, which will leave you with 10 leftover treats.

Frequently Asked Questions

01 How does this MCP help with pet health?

It uses the `validate_dietary_plan` tool to check if your treat schedule stays within healthy limits.

02 Can I use this to plan my shopping?

Yes, the `calculate_bulk_order` tool tells you exactly how many bags to buy based on your total treat needs.

03 Which AI clients work with this MCP?

You can use this with any MCP-compatible client, including Claude, Cursor, and Windsurf.

04 How do I know how many treats I need for a month?

You can use the `get_total_treats` tool to find the exact number needed for any duration.

05 Does this MCP handle multiple pets?

You can use the tools to calculate specific requirements for any number of pets by providing their individual details to your agent.

06 How do I know if my pet is eating too many treats?

You can use the `'validate_dietary_plan'` tool to check if your planned daily amount exceeds the recommended maximum limit for your pet's size.

07 Can I calculate how many bags of treats I need to buy?

Yes, the `'calculate_bulk_order'` tool tells you exactly how many full bags you need to purchase to cover your total treat requirement.

08 How many treats will I need for a 10-day period at 3 treats per day?

You will need 30 treats in total.

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-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 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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