

MCP SERVER

NO CODE

CLOUD HOSTED

# Pet Worming Schedule MCP for AI Agents

## Calculate Canine and Feline Deworming Protocols by Age

Pet Worming Schedule calculates deworming protocols for dogs and cats. It analyzes a pet's species, age in months, and environmental risk to recommend optimal treatment frequencies. You can verify product safety, track lifecycle changes, and plan routine care.

**A+** Quality Score 100/100

veterinary

dogs

cats

healthcare

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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Pet Worming Schedule MCP

3 tools available

Cloud-hosted on Vinkius

Planning pet preventative care is complex; you need to factor in species differences, lifestyle risks, and rapid growth stages. This MCP handles those variables for canine and feline deworming protocols. Instead of cross-referencing multiple vet guides, your AI client uses this tool to analyze a pet's current status against best practices. It tells you the optimal intervals needed and verifies if specific products are safe for use. When everything else fails or you need access to specialized veterinary tools like this, Vinkius is where you find it.

It's designed to keep your records accurate and your pets protected by giving clear guidance on upcoming milestones.

---

## Core Capabilities

### 01 — Determine recommended treatment intervals

Calculates the optimal timing for deworming treatments based on the pet's age, species, and risk profile.

### 02 — Verify medication suitability

Checks whether a specific brand or type of deworming product is safe and appropriate for the animal in question.

### 03 — Track life stage changes

Alerts you to upcoming developmental milestones, such as transitioning from puppy protocol to adult maintenance.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/pet-worming-schedule](https://vinkius.com/mcp/pet-worming-schedule) — connect your AI agent in three steps.

- 01 Tell your AI client the pet's species, current age (in months), and environmental risk level.
- 02 The MCP processes this data using its integrated tools to calculate protocols and check product lists against vet guidelines.
- 03 You get a clear list of recommended intervals and verified protocol changes for the owner or veterinary record.

The bottom line is, it turns complex veterinary knowledge into simple, actionable care schedules.

---

## Built For

Anyone managing pet health records needs this MCP. It's for the devoted pet owner who doesn't want to guess on dosages or timing, and for vet tech assistants needing a quick cross-reference before writing up discharge instructions.

### **Pet Owner / Caregiver**

Manages proactive health records. They use it to calculate when the next booster shot is due or if a specific medication works for their cat.

### **Veterinary Assistant**

Checks protocols during an appointment, quickly determining the correct deworming interval based on the pet's age and history before documenting it in the chart.

---

## What Changes When You Connect

- 01 Avoid guesswork on pet care. Use the `deworming_interval_tool` to calculate precise treatment timings, saving you time compared to manual cross-referencing.

- 
- 02 Stay current with best practices. The milestones\_tool keeps you updated when a puppy transitions to adult maintenance protocols, so you don't miss critical timing windows.

---

  - 03 Ensure safety before dosing. Use the product\_suitability\_tool to confirm if any medication is appropriate for your pet right now.

---

  - 04 Improve record accuracy. Get reliable, vet-vetted data to write clear and professional care instructions for owners.

---

  - 05 Reduce vet calls. Knowing the exact protocols helps you answer common owner questions with confidence.
- 

---

## Real-World Applications

### A puppy needs a full protocol check

The pet owner asks their agent: 'What's the deworming frequency for a 3-month-old dog?' The agent uses the deworming\_interval\_tool and determines it needs weekly treatments, then checks product safety with the product\_suitability\_tool to ensure the current vet medication works.

### Choosing safe medication for an older cat

A caregiver inputs their 14-month-old cat's details and asks about a specific supplement. The agent uses the product\_suitability\_tool, confirming that while the supplement is generally good, it isn't recommended at this age.

### Tracking pet development stages

A user asks about a 7-month-old dog. The agent uses the milestones\_tool and informs them that the next phase is shifting from intensive puppy care to adult maintenance, changing the standard deworming schedule.

---

## Patterns to Avoid

---

### Assuming standard protocols apply

#### X AVOID

A user assumes a 6-month-old dog can use the same schedule as an adult, missing critical early developmental requirements.

#### ✓ INSTEAD

Always use the `milestones_tool` first. This tells you if the pet is entering or leaving a high-risk growth phase, which changes protocol.

---

### Selecting medication without verification

#### X AVOID

A person reads an online article recommending Product X and gives it to their cat without checking its appropriateness for that species/age.

#### ✓ INSTEAD

You must use the `product_suitability_tool`. It verifies if the drug is right for the specific animal, not just generally safe.

---

### Ignoring risk factors

#### X AVOID

Calculating an interval based only on age and forgetting to mention that the pet has high environmental exposure (e.g., park visits).

#### ✓ INSTEAD

Always include the environmental exposure risk when using `deworming_interval_tool` for a complete picture.

---

## The Right Fit

Use this MCP if you need specific, actionable health protocols based on age and species, or if you're trying to confirm medication safety. If your goal is simply to compare costs between different brands of deworming medicine without regard for pet history, use a general pricing tool instead; this MCP focuses on medical necessity, not economics. If you already have an established vet protocol that covers all contingencies, you might not need it, but if you manage the records yourself or are cross-checking complex cases, this is essential because of its depth in lifecycle tracking.

---

---

## Managing Canine Deworming Schedules with Pet Worming Schedule MCP

Today, figuring out a pet's proper deworming schedule involves juggling multiple sheets: one for puppy growth rates, another for species-specific dosages, and yet a third to factor in local risk levels. It's easy to copy an old record that was fine last year but is incorrect now because your dog hit a developmental milestone.

With this MCP, you input the pet's details once. The system handles all the protocol shifts. You get immediate clarity on whether they need weekly or monthly treatments, ensuring every dose hits the mark.

---

## Vet Protocol Verification Using Pet Worming Schedule for Feline Care

Manually verifying drug suitability is a major time sink. You have to check if a product optimized for puppies actually works on a mature cat, or if an older medication has been replaced by a better alternative. This requires deep reference library access.

This MCP eliminates that guesswork. It doesn't just suggest intervals; it actively verifies the drug itself using its built-in checks. You get immediate confirmation on what medications are safe for your patient.

---

## 3 Pet Worming Protocols for Canine and Feline Care

Use these tools to calculate optimal treatment intervals, verify product safety, and track pet life cycle milestones automatically.

#	TOOL	DESCRIPTION
01	<code>milestones_tool</code>	Identifies upcoming developmental stages and necessary care transitions for a pet.
02	<code>deworming_interval_tool</code>	Calculates the ideal time between deworming treatments based on detailed inputs.
03	<code>product_suitability_tool</code>	Confirms if a specific medication is safe and effective for the pet's current health status.

---

## See It in Action

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

**U** I have a 4-month-old kitten with high outdoor exposure risk. What's the deworming plan?



### Feline Deworming Protocol (High Risk)

- **Next Interval:** Every 2 weeks for the next month.
- **Recommended Product Check:** Confirmed suitable for kittens aged 1-4 months.
- **Milestone Alert:** Next major protocol review needed at 6 months when moving to adult maintenance.

**U** Check if my dog can take the XYZ brand product right now.



### Product Suitability Report: XYZ Brand

PARAMETER	STATUS	NOTES
Species Match (Dog)	✔ Yes	Suitable for canine use.
Age Compatibility	⚠ Caution	Optimized for puppies, but safe up to 1 year.
Risk Level Fit	✔ Yes	Works well with high environmental exposure protocols.

Please consult your vet before administration.

## U What deworming schedule does a dog get between 6 and 12 months old?



### Canine Protocol Shift Guide

Your dog is moving from puppy care to adult maintenance. The key changes are:

- **Interval:** Shifts from weekly/bi-weekly to monthly.
- **Focus:** Moves away from intensive growth support to preventative upkeep.
- **Milestone:** Don't forget the 12-month checkup, as protocols often change then.

---

## Frequently Asked Questions

### 01 How do I use Pet Worming Schedule for a puppy that gets into everything?

The MCP handles high risk factors automatically. Just provide the age and species, and it will calculate the most aggressive interval needed to keep your pet protected during that critical growth phase.

### 02 Can I use Pet Worming Schedule to check if a vet product is okay?

Yes. You can verify medication safety by checking its suitability against the pet's age and species. It gives you confirmation on whether that specific drug works for your animal.

### 03 What does Pet Worming Schedule tell me about future care?

The MCP tracks upcoming milestones. If your pet is approaching a transition point, it alerts you to the change in protocol—like moving from puppy schedules to adult maintenance schedules.

### 04 Is this tool better than just following generic vet guidelines?







This MCP is much better because it factors in multiple variables: species differences, environmental risk, and developmental milestones. It gives a highly customized plan, not a general suggestion.

# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"pet-worming-schedule": { "url": "..."} </code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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 Worming Schedule 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

### INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Pet Worming Schedule. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

### DOCUMENT INFORMATION

Generated	July 2026
MCP Server	Pet Worming Schedule MCP
Server ID	019f15da-a796-72e9-a6d5-d3f5a2512e76
Platform	Vinkius Cloud for AI Agents
Endpoint	<a href="https://edge.vinkius.com/{token}/mcp">https://edge.vinkius.com/{token}/mcp</a>

### LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit [vinkius.com/mcp/pet-worming-schedule](https://vinkius.com/mcp/pet-worming-schedule).