

MCP SERVER

NO CODE

CLOUD HOSTED

# Baby Bottle Feeding Scheduler MCP for AI Agents

Create precise infant nutrition plans and formula supply forecasts.

Baby Bottle Feeding Scheduler helps parents figure out exactly how much formula their baby needs. It calculates daily intake based on weight, builds out a 24-hour feeding plan with specific intervals, and predicts how many cans of formula you'll need to buy each month so you're never caught off guard.

**A+** Quality Score 100/100

infant

feeding

baby

formula

scheduling

nutrition



# 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

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## 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

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## 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

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## 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.

# Baby Bottle Feeding Scheduler MCP

3 tools available

Cloud-hosted on Vinkius

Parenting is a lot of guesswork, especially when it comes to figuring out the right balance of nutrition for a growing infant. You want to make sure your baby is getting enough, but you don't want to overfeed them either. This MCP takes the math out of the equation. Instead of trying to eyeball how many ounces to pour or guessing when the next feed should happen, you can just tell your AI agent what your baby's weight is and what your goals are. It handles the calculations for you, giving you a clear plan to follow throughout the day and night. It even looks ahead at your inventory, telling you how many cans of formula you'll need to keep on hand based on your specific feeding habits. It's a practical way to manage the logistics of infant care without the mental load of constant manual tracking. You can find this among the 4,000+ options in the Vinkius catalog to get your nutrition planning organized in seconds.

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## Core Capabilities

### 01 — Calculate daily formula needs

Determine the total daily volume based on your baby's current weight.

### 02 — Build 24-hour feeding plans

Generate a structured hourly schedule with custom intervals.

### 03 — Add bedtime boosts

Adjust the volume of the final feed to help with sleep.

### 04 — Predict monthly supplies

Calculate how many cans of formula you need to buy for the month.

### 05 — Convert scoop-to-ml ratios

Translate brand-specific scoop measurements into total supply totals.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/baby-bottle-feeding-scheduler](https://vinkius.com/mcp/baby-bottle-feeding-scheduler) — connect your AI agent in three steps.

- 01** Provide your baby's current weight and your preferred feeding frequency to your AI client.
- 02** The MCP calculates the total daily volume and generates a structured hourly plan.
- 03** You get a clear schedule and a monthly shopping list for formula supplies.

The bottom line is you get a data-driven feeding plan and supply list without doing any manual math.

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## Built For

New parents and caregivers who are tired of manual calculations and want a predictable nutrition routine for their infants.

### New Parent

Managing the transition to formula while trying to maintain a consistent sleep schedule.

### Nanny

Ensuring consistent nutrition across different shifts and households for an infant.

### Caregiver

Calculating inventory needs to ensure the baby never runs out of formula during the night.

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## What Changes When You Connect

- 01** Stop guessing bottle amounts by using `calculate_daily_volume_target` to get weight-based requirements.
- 02** Stay on track with a structured 24-hour plan from `generate_feeding_schedule` that fits your routine.
- 03** Avoid stockouts by predicting your needs with `calculate_monthly_supply` before you run out.

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- 04 Customize your baby's evening routine with a specific bedtime boost in the feeding schedule.

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  - 05 Save time on manual math by letting your agent handle scoop-to-ml conversions automatically.

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## Real-World Applications

### Determining daily volume for a 5kg baby

A new mom wants to know how much formula her baby needs. She asks her agent to calculate the volume and then build a schedule starting at 6 AM.

### Planning a monthly grocery run

A dad is planning a grocery run and wants to know how many cans of formula to buy. He provides his daily volume and scoop ratios to get a monthly total.

### Creating a consistent nanny shift schedule

A nanny needs a consistent feeding log for a baby on a 3-hour interval. They use the tool to generate a 24-hour plan for the household.

### Adjusting for better sleep

A parent wants to increase the last feed of the night to help with sleep. They use the bedtime boost feature to adjust the final volume in the schedule.

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## Patterns to Avoid

### Guessing bottle amounts

#### ✗ AVOID

I think 4 ounces is okay for my baby.

#### ✓ INSTEAD

Use `calculate_daily_volume_target` to get a weight-based volume for your baby.

### Forgetting to restock

#### ✗ AVOID

Running out of formula at 2 AM.

#### ✓ INSTEAD

Use `calculate_monthly_supply` to see how many cans you need for the next 30 days.

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## Inconsistent feeding times

### X AVOID

Feeding whenever you remember.

### ✓ INSTEAD

Use `generate_feeding_schedule` to set a strict 24-hour routine.

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## The Right Fit

Use this if you need to calculate precise formula volumes based on weight, generate hourly feeding plans, or predict monthly supply needs. It's perfect for parents who want a data-driven approach to infant nutrition. Don't use this if you just need a simple reminder app or a way to track historical feeds; it's for planning and forecasting, not logging.

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# Baby Bottle Feeding Scheduler for Precise Infant Nutrition Planning

Parents often spend their first few weeks with a newborn trying to figure out the right amount of formula. You find yourself looking at weight charts, trying to do mental math on ounces, and guessing when the next feed should happen. It's a constant cycle of trying to ensure the baby is full without overfeeding them.

This MCP changes that by turning your baby's weight and your preferred intervals into a concrete plan. You tell your agent the basics, and it handles the math to give you a 24-hour schedule and a monthly shopping list. You get a clear roadmap for your baby's day instead of a guessing game.

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# Baby Bottle Feeding Scheduler for Formula Inventory Management

Running out of formula in the middle of the night is a stressor no parent wants. Usually, this means keeping a mental tally of how many scoops are left or doing manual math to figure out how many cans to grab at the store.

You can now use the tool to forecast your monthly needs based on your baby's specific daily volume and the scoop-to-ml ratio of your preferred brand. You'll know exactly how many cans to buy each

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month, ensuring you always have enough on the shelf.

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# Baby Bottle Feeding Scheduler 3 Nutrition Tools

Generate 24-hour feeding plans, calculate daily formula volumes, and predict monthly supply needs for your infant.

#	TOOL	DESCRIPTION
01	<code>generate_feeding_schedule</code>	Creates a 24-hour feeding plan with specific times, volumes, and a bedtime boost for the final feed.
02	<code>calculate_monthly_supply</code>	Predicts how many cans of formula powder you need to buy each month based on your baby's daily needs.
03	<code>calculate_daily_volume_target</code>	Determines the total daily formula amount an infant needs based on their weight in kilograms or pounds.

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## See It in Action

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

**U** My baby weighs 6kg. How much formula do they need every day?



Based on a weight of 6kg, your baby requires a total daily volume of **900ml**.

Here is the breakdown:

- **Daily Target:** 900ml
- **Weight Context:** 6kg (approx. 13.2 lbs)

**U** Make a schedule for 900ml a day, every 3 hours, starting at 7 AM.



Here is your 24-hour feeding schedule for a **900ml daily target**:

TIME	AMOUNT
07:00	150ml
10:00	150ml
13:00	150ml
16:00	150ml
19:00	150ml
22:00	150ml
01:00	150ml

- U** How many cans do I need for a month? They drink 900ml a day, 1 scoop is 30ml, and a can has 90 scoops.



To meet your baby's daily needs, here is your monthly supply forecast:

- **Daily Volume:** 900ml
- **Scoops per Day:** 30 scoops
- **Total Scoops per Month:** 900 scoops
- **Total Cans Needed:** 10 cans

*Note: This assumes a 30-day month. You may want to buy 11 cans to be safe.*

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## Frequently Asked Questions

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**01 How does the Baby Bottle Feeding Scheduler help with my baby's diet?**

It calculates specific formula volumes based on your baby's actual weight. This helps you ensure they are getting the correct amount of nutrition without you having to do the manual math.

**02 Can I use the Baby Bottle Feeding Scheduler to plan my night feeds?**

Yes, it can generate a full 24-hour feeding plan. You can set specific intervals and even include a bedtime boost to adjust the volume of the final feed of the night.

**03 How does the Baby Bottle Feeding Scheduler predict my formula needs?**

It takes your baby's daily volume and your specific scoop-to-ml ratio to predict how many cans of formula powder you need to purchase each month.

**04 Will the Baby Bottle Feeding Scheduler help me stay organized with feeding times?**

Yes, it creates a structured hourly schedule. This makes it easy to keep track of when the next feed is due, which is especially helpful for shared caregiving.

**05 Can the Baby Bottle Feeding Scheduler handle different baby weights?**

Yes, it handles both kilograms and pounds. It uses these metrics to determine the correct daily volume target for your infant.

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**06 Is the Baby Bottle Feeding Scheduler good for planning big grocery runs?**

It's perfect for that. By forecasting your monthly supply needs, you can buy the exact number of cans required for the month, preventing emergency store runs.







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# 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>"baby-bottle-feeding-scheduler": { "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

# Baby Bottle Feeding Scheduler 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)

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### DOCUMENT INFORMATION

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Server ID	019f384a-c266-739f-9009-386d018a12ec
Platform	Vinkius Cloud for AI Agents
Endpoint	<a href="https://edge.vinkius.com/{token}/mcp">https://edge.vinkius.com/{token}/mcp</a>

### LICENSE & USAGE

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