

MCP SERVER

NO CODE

CLOUD HOSTED

# Arlo Smart MCP for AI Agents

Monitor and control home security cameras from anywhere.

Arlo Smart MCP lets your AI client manage your entire network of Arlo security cameras. You can view recorded videos, change automation modes (like arming or disarming), and keep your cloud storage clean by deleting old footage—all through natural language commands.

**A+** Quality Score 98.33/100

video-surveillance

home-security

motion-detection

device-management

cloud-storage



# 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 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

# Arlo Smart MCP

11 tools available

Cloud-hosted on Vinkius

This connector gives your AI agent direct control over your Arlo smart home system. Instead of logging into the Arlo app to check status or download clips, you just ask your AI client. It handles everything from listing all connected cameras and basestations to checking which modes they are currently set to.

Need footage? You can request recordings for specific date ranges, getting presigned URLs ready for immediate download. Want to save space? Just tell the agent to delete old files.

Managing a whole house or property doesn't have to mean juggling multiple apps and dashboards. By connecting through Vinkius, your AI client becomes an instant security assistant, letting you manage device modes, monitor activity, and keep your home secure right from where you are.

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## Core Capabilities

### 01 — List all connected Arlo devices

View a full inventory of every Arlo camera, doorbell, and hub attached to your system.

### 03 — Retrieve specific recordings

Fetch video clips and metadata for defined date ranges, providing secure links for download.

### 05 — Clear old storage data

Permanently delete unwanted recordings from your cloud library to free up space.

### 02 — Change security modes

Switch the entire network between armed, disarmed, or custom automation settings.

### 04 — Manage device status

Get the current armed/disarmed mode or detailed operational state of an individual camera or basestation.

# One Click on Vinkius — From Prompt to Execution

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

- 01** First, subscribe to this MCP on Vinkius and provide your unique Arlo authentication token.
- 02** Your AI client uses the provided credentials to connect to the Arlo API and validates your access permissions.
- 03** You can then issue natural language commands—like 'Arm the garage camera' or 'Show me recordings from last week'—and get actionable results back.

The bottom line is, you tell your AI client what security action to take, and it executes that command directly against your Arlo system.

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## Built For

This MCP is built for property managers who manage multiple rental units, homeowners who want full remote oversight without switching apps, or security contractors needing quick access to device status and historical footage.

### Property Manager

Needs to check the armed/disarmed status of dozens of cameras across different properties instantly. They use this MCP to verify that all units are secured before leaving for the day.

### Homeowner

Uses it when traveling or busy—they ask their agent to 'Check if anything happened overnight' and get a summary of recent activity and download links without opening an app.

### Security Technician

Requires the ability to list all connected devices, check detailed recording metadata, and manually delete old data for compliance or storage reasons.

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## What Changes When You Connect

- 01** Keep your property secure by issuing simple commands like 'Arm the front door camera' using the `arm_arlo_device` tool, eliminating manual app interaction.

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- 02** Save time reviewing footage. Instead of browsing day-by-day, use the agent to check recent activity across all cameras with `get_recent_arlo_recordings`.
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- 03** Take control of your cloud storage. If you need to free up space, simply call `delete_arlo_recordings` to wipe out old footage in one go.
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- 04** Manage device settings without fuss. You can get the current status using `get_arlo_device_modes` or change it with `set_arlo_device_mode`, all via natural speech.
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- 05** Download video clips instantly. The `get_arlo_recordings` tool fetches presigned URLs for any date range, letting you share evidence without hassle.
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## Real-World Applications

### Investigating a suspected break-in

A property manager asks the agent to 'Show me all activity from last Tuesday between 10 AM and noon.' The agent uses `get_arlo_recordings` and presents organized download links for every relevant video clip.

### Quarterly storage cleanup

A security contractor tells their AI client, 'Delete all recordings older than six months.' The agent handles the complex data fetching and calls `delete_arlo_recordings` safely.

### Preparing to leave for vacation

The homeowner asks, 'Set the whole system to away mode.' The agent automatically calls `set_arlo_device_mode` on all primary devices and confirms they are active and armed.

### Checking device connectivity

The user asks, 'What devices do I have right now?' The agent uses `list_arlo_devices` to provide a complete, real-time inventory of basestations and cameras needing attention.

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## Patterns to Avoid

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### Trying to use the Arlo app on multiple devices

#### X AVOID

Opening the native mobile app, logging in, then switching to a web portal just to change one setting. This is slow and frustrating.

#### ✓ INSTEAD

Use your AI client with this MCP. Just tell it, 'Disarm the backyard camera.' The agent calls ``disarm_arlo_device`` directly, taking you straight from asking to action.

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### Forgetting what device IDs are

#### X AVOID

Opening the developer console and having to manually copy a long string of characters just to arm one specific camera.

#### ✓ INSTEAD

First, use the ``list_arlo_devices`` tool to get an overview. Then, tell your agent, 'Arm the front door,' letting it handle the ID lookup for you.

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### Manually sifting through recording dates

#### X AVOID

Going into the recording section and having to manually adjust date pickers every time you want a new range of footage.

#### ✓ INSTEAD

Just ask your agent, 'Get me all recordings from last Thursday.' The MCP uses ``get_arlo_recordings`` with the correct parameters automatically.

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## The Right Fit

Use this MCP if you need to manage Arlo camera security states or access footage programmatically. If your primary goal is just viewing a single, pre-existing recording URL that someone else sent you, you don't need it—a simple browser link works fine. But if the core task involves *changing* settings (like arming/disarming) or retrieving recordings based on time parameters, this MCP is essential. Don't use it if you only want to view a live stream feed; that requires different integration. Use `list_arlo_devices` when you need an inventory, and use `get_arlo_recordings` when you need historical data.

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## Arlo Smart MCP: Simplifying Property Security Monitoring

Right now, managing property security means hopping between the Arlo app, checking device status screens, and manually setting modes every time someone moves in or out. It's a tedious routine of logging in just to flip a switch.

With this MCP, you simply talk to your agent. You can tell it, 'I'm leaving; arm everything.' The system immediately calls the appropriate tools, like `set_arlo_device_mode` across multiple devices, and confirms that every camera is secured without any manual clicks.

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## Arlo Smart MCP: Managing Video Evidence Retrieval

Historically, getting footage for an incident involved navigating complex date pickers, filtering by device ID, and downloading multiple files—a process that takes minutes of clicking.

Now, you just ask your agent, 'Show me all movement from the garage last week.' The MCP handles the date range logic and uses `get_arlo_recordings` to give you organized access points for everything you need.

# Arlo Smart: 9 Tools for Device Management & Video Surveillance

These tools let you check device status, change security modes, list all components, or download specific recorded videos from your Arlo system.

#	TOOL	DESCRIPTION
01	<code>arm_arlo_device</code>	This tool enables security monitoring and motion detection for a specified Arlo device.
02	<code>delete_arlo_recordings</code>	Permanently removes specific recorded videos from your cloud library to save space.
03	<code>disarm_arlo_device</code>	This tool disables motion detection and security monitoring for a specified Arlo device.
04	<code>get_arlo_device_modes</code>	Retrieves the current automation mode (armed, disarmed, or custom) for any Arlo device.
05	<code>get_recent_arlo_recordings</code>	Provides a quick summary of security events and recordings from the last 24 hours across your system.
06	<code>get_arlo_recording_metadata</code>	Fetches detailed information, like duration and timestamps, about a specific Arlo recording.
07	<code>get_arlo_recordings</code>	Retrieves secure links for downloading videos and metadata covering a custom date range from your cameras.
08	<code>list_arlo_basestations</code>	Lists only the central hub or base station devices connected to your Arlo network.
09	<code>list_arlo_cameras</code>	List Arlo camera devices only
10	<code>list_arlo_devices</code>	Each device includes <code>deviceId</code> , <code>deviceName</code> , <code>deviceType</code> , <code>state</code> , and <code>connection status</code> . USE WHEN: - User wants to see all their Arlo security devices - User needs to find device IDs for other commands - User is exploring their Arlo security setup - User asks "what Arlo devices do I have" EXAMPLES: - "List all my Arlo devices" → call with no params - "Show my Arlo security devices" → call with no params - "What Arlo cameras and basestations do I have?" → call with no params List all Arlo devices (basestations and cameras)

#	TOOL	DESCRIPTION
11	<code>set_arlo_device_mode</code>	Sets a specific automation mode (like armed or disarmed) for any individual Arlo device.

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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** What's the status of my cameras right now, and how much storage do I have left?



### Current System Status:

- Front Door: Armed (Mode 1)
- Backyard Camera: Disarmed (Mode 0)
- Garage Camera: Armed (Mode 2 - Motion Detection)

**Storage Usage:** You've used 65% of your available cloud storage. We recommend running a cleanup to delete recordings older than two years.

**U** I need footage from the backyard camera last Friday, and I want to make sure all devices are armed when I leave tomorrow.



### Got it. **Step 1: Footage Retrieval**

- Found 3 clips for Backyard Camera (2026-04-17).
- \* Clip A: Incident at 9:15 AM (Motion Detected)
- \* Clip B: Person detected at 4:00 PM (Duration: 30s)

### **Step 2: Security Setup**

I've scheduled a reminder for tomorrow to run `set_arlo_device_mode` on all primary units, ensuring they are armed and ready when you walk out the door.

- U** List every device I have in my system so I can see what needs attention.



Here is your current Arlo inventory:

DEVICE NAME	TYPE	STATUS
Front Door Hub	Basestation	Connected
Backyard Camera	Pro 4	Connected
Garage Camera	Essential	Connected
Side Door Camera	Pro 3	Needs Attention (Low Battery)

*Note: The system suggests checking the battery status on the side door camera.*

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## Frequently Asked Questions

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**01 How do I use Arlo Smart MCP to check my security cameras' current armed status?**

You simply ask your AI agent, 'What is the operational mode of the backyard camera?' It checks the device status instantly and tells you if it's armed or disarmed, saving you from manually checking the app.

**02 Can I use Arlo Smart MCP to download old recordings for an insurance claim?**

Yes. You can request recordings by specifying a start and end date range. The agent retrieves the necessary data and provides secure, downloadable links directly in your chat.

**03 If I'm leaving town, how do I make sure all my Arlo cameras are armed?**

You tell your agent, 'Arm all my devices.' It handles the command across every camera and basestation needed to put the entire system into secure monitoring mode.

**04 What should I do if I need to free up cloud storage space on Arlo?**

You ask your AI agent to delete recordings. It guides you through selecting old footage and runs the necessary deletion command, ensuring your account stays running smoothly.

**05 Is Arlo Smart MCP better than just using the native Arlo app for daily checks?**







It's faster because you don't have to open an app. You keep all security actions—checking status, viewing clips, arming up—in one conversation with your agent.

# 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>"arLo-smart": { "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

# Arlo Smart 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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