

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

NYC Parking & Enforcement MCP

Get real-time NYC parking data through your AI agent.

NYC Parking & Enforcement MCP provides direct access to Municipal Parking Enforcement and DOP parking records. Your AI client can pull current unresolved citations, search for recently issued tickets by fiscal year, look up official violation code definitions, and check the status of parking meters across the city without needing an API key.

A+ Quality Score 98.33/100

new-york

nyc

parking

tickets

finest

enforcement



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.

NYC Parking & Enforcement MCP

6 tools available

Cloud-hosted on Vinkius

You can pull live NYC parking data directly into your AI workflow. Instead of digging through city portals, you tell your agent to find a specific plate's open tickets or check if a meter on a specific street is active. This MCP gives you the raw enforcement data needed to track unresolved citations, research common violation patterns, or verify fine amounts for specific codes. You can filter open violations by plate, summons number, or county, and even look up the specific fine amounts for different areas like Manhattan. It is a practical way to turn messy municipal records into structured information your agent can process instantly.

Core Capabilities

01 — Citation Tracking

Your agent searches for unresolved tickets using plate numbers or summons IDs.

02 — Fine Verification

The AI looks up official violation definitions and specific fine amounts for different NYC zones.

03 — Meter Status Checks

Your client finds meter locations and confirms if they are active or provides pay-by-phone numbers.

04 — Enforcement Analysis

The agent identifies the most common violation types occurring in specific counties or timeframes.

05 — Fiscal Year Reporting

You can pull lists of tickets issued during specific NYC fiscal years.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/nyc-parking-enforcement — connect your AI agent in three steps.

- 01 Connect your AI client to the Vinkius-hosted MCP.
- 02 Ask your agent a question about NYC parking or citations.
- 03 The agent selects the appropriate tool to query the city data.
- 04 The MCP returns the raw data to your agent.
- 05 Your agent presents the specific answer or list to you.

Connecting to this MCP gives your AI client immediate access to NYC Open Data tools.

Built For

This MCP is built for anyone needing to interact with NYC municipal parking data through a conversational interface.

Drivers

Checking for outstanding citations or verifying fine amounts for a ticket.

City Operations Researchers

Analyzing enforcement patterns and common violation types across different boroughs.

Data Analysts

Comparing violation definitions and fine structures across different jurisdictions.

What Changes When You Connect

- 01 Eliminates the need to manually navigate complex city data portals.
- 02 Provides direct access to official violation definitions and fine amounts.

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- | | |
|-------|--|
| 03 | Removes the friction of managing individual API keys for municipal data. |
| <hr/> | |
| 04 | Allows for rapid filtering of parking meter status and locations. |
| <hr/> | |
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Real-World Applications

Ticket Status Check

A driver asks their agent to check if a specific license plate has any unresolved tickets.

Fine Research

An analyst uses the agent to find out exactly how much a specific violation code costs in Manhattan.

Meter Location Finding

A user asks for the status and pay-by-phone number of meters on a specific street.

Pattern Identification

A researcher asks for the most common types of open violations in a specific county.

Patterns to Avoid

Vague violation searches

❌ AVOID

Asking your agent to find all parking tickets in New York City to see what's happening.

✓ INSTEAD

Use specific parameters like a plate number or a date range with ``search_open_parking_violations`` to get actionable data.

Guessing fine amounts

❌ AVOID

Assuming a specific violation code costs fifty dollars without checking the official city rate.

✓ INSTEAD

Run ``lookup_parking_code`` to get the exact legal definition and fine amount for any 2 or 3 digit code.

Manual meter hunting

❌ AVOID

Driving around a neighborhood to find out if the meters are even working or how to pay.

✓ INSTEAD

Use 'list_parking_meters' to find active meters and their pay-by-phone numbers before you even park.

The Right Fit

Connect this MCP if you need to verify specific NYC citations or analyze local enforcement trends. Do not connect it if you are looking for traffic camera data outside of NYC or non-parking related municipal records. The decision depends entirely on whether your work requires real-time access to New York City's parking and meter datasets.



NYC Parking & Enforcement 6 Tools

These tools provide direct access to New York City's municipal parking records, citation databases, and meter status information.

#	TOOL	DESCRIPTION
01	count_open_violations	Counts unresolved parking tickets within a specific date window. It defaults to the last 90 days to ensure the request stays within manageable bounds.
02	list_parking_meters	Retrieves a list of NYC parking meters. You can filter the results by street, borough, facility name, or meter number to find status and pay-by-phone details.
03	lookup_parking_code	Provides the official definition and fine amounts for a specific 2 or 3 digit violation code.
04	search_parking_violations_issued	Searches for parking tickets issued during a specific fiscal year. Results include the summons number, plate, violation description, and vehicle info.
05	search_open_parking_violations	Finds unresolved parking violations using a plate, summons number, county, or date range.
06	top_open_violation_types	Identifies the most frequent types of open parking violations within a chosen look-back window or county.

See It in Action

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

U How many open parking tickets are there citywide right now?



The count of unresolved tickets from the last 90 days is currently being retrieved.

U What does violation code 24 mean?



Code 24 is defined by the city as [definition]. Fines vary by area, with specific amounts for Manhattan below 96th Street and other regions.

U Are the parking meters on 5th Ave in Brooklyn working?



Checking 5th Ave in Brooklyn. I found 3 meters with status: Active, Pay-by-cell: 51112, Facility: Brooklyn DOP.

Frequently Asked Questions

01 Do I need an API key to use this?

No. Vinkius hosts the MCP and manages all connections, so you can use it immediately without an API key.

02 How current is the citation data?

Open citation data is a point-in-time snapshot. Because tickets are paid or contested constantly, counts change in real time.

03 Can I check fines for specific areas?

Yes. The lookup tool provides different fine amounts for Manhattan below 96th Street versus other areas.

04 Which AI clients can I use with this MCP?

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

05 How far back can I search for open violations?

The tool defaults to a 90-day window for open violations to ensure the data remains manageable and relevant.

06 Do I need an API key?

No. NYC Open Data serves all public datasets anonymously over its SODA API (data.cityofnewyork.us). This MCP defines no credentials and needs nothing configured.

07 What is a citation?

A parking citation (or ticket) is a written notice of a parking violation issued by the city. The open-citation set is the live, unresolved population — it changes as tickets are paid, reduced or contested, so any count is a snapshot.

08 Where do the fine amounts come from?

The violation-code table carries the official definition of each code and the amount in Manhattan below 96th Street versus all other areas — the city's two-tier enforcement pricing.

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>"nyc-parking-enforcement": { "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

NYC Parking & Enforcement 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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LICENSE & USAGE

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