

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 Sanitation (DSNY) MCP

Get direct access to New York City waste and recycling data.

NYC Sanitation (DSNY) MCP provides your AI client with direct access to official Department of Sanitation records. You can query collection garages, e-waste drop-off points, pharmaceutical and syringe disposal sites, and the DonateNYC directory. It also covers commercial waste zones and citywide disposal facilities without needing an API key.

A+ Quality Score 98.33/100

new-york

nyc

dsny

sanitation

ewaste

drop-off



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 Sanitation (DSNY) MCP

7 tools available

Cloud-hosted on Vinkius

This MCP gives your agent the ability to pull specific, real-world sanitation data from the NYC Department of Sanitation. Instead of searching through messy government portals, you can ask your AI client for the exact location of a hazardous waste site or the specific community districts covered by a commercial waste zone. Whether you are looking for the nearest electronics recycling center in Brooklyn or checking the operating hours for a pharmaceutical drop-off site, the data is ready for your agent to process. The tool handles the heavy lifting of filtering through borough names, neighborhood tabulation areas, and district codes, making it easy to find precise locations for waste disposal, donations, or commercial service zones across all five boroughs.

Core Capabilities

01 — Waste Site Locating

Your agent finds specific drop-off points for e-waste, pharma, or hazardous materials.

02 — Commercial Zone Mapping

The AI identifies which community districts fall under specific commercial waste zones.

03 — Donation Directory Access

Your agent searches through 1,500 DonateNYC sites to find where to drop off specific items.

04 — Facility Data Retrieval

The AI pulls addresses and coordinates for DSNY disposal facilities and collection garages.

One Click on Vinkius — From Prompt to Execution

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

- 01
- Connect your AI client to the NYC Sanitation MCP via Vinkius.
- 02
- Ask your agent a question about NYC waste, locations, or zones.
- 03
- The agent selects the appropriate tool from the DSNY dataset.
- 04
- The tool returns structured data like addresses, hours, or district codes.
- 05
- Your agent uses that data to answer your request directly.

Connecting to this MCP gives your AI client immediate access to NYC sanitation datasets.

Built For

This MCP is built for professionals managing logistics, sustainability, or civic services in New York City.

Sustainability Coordinators

They ask the agent to find local e-waste or recycling drop-off points for corporate programs.

Waste Management Operators

They use the tool to identify commercial waste zones and disposal facility locations.

Civic Service Developers

They pull real-time DSNY data to power local community information tools.

What Changes When You Connect

- 01
- Eliminates the need for manual API key management or complex government portal navigation.
- 02
- Provides direct access to specific DSNY district codes and neighborhood tabulation areas.

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- | | |
|-----------|--|
| 03 | Enables your agent to filter through thousands of donation and disposal sites instantly. |
| <hr/> | |
| 04 | Delivers precise coordinates and addresses for citywide waste facilities. |
| <hr/> | |
-

Real-World Applications

Retail E-waste Logistics

A retail manager asks the agent to find the nearest electronics recycling site to a specific store ZIP code.

Commercial Compliance

A business owner checks which commercial waste zone their building belongs to.

Community Donation Planning

A non-profit uses the agent to find donation sites in a specific borough that accept clothing or books.

Public Health Routing

A health worker finds the nearest syringe or pharmaceutical drop-off site using the agent.

Patterns to Avoid

Vague location requests

❌ AVOID

Asking your agent to find any place to drop off old computers in New York.

✓ INSTEAD

Be specific about the borough or neighborhood. Use `'list_ewaste_dropoffs'` to filter results by a specific area.

Broad commercial inquiries

❌ AVOID

Asking the agent which waste zones exist in the city generally.

✓ INSTEAD

Target specific districts to get useful results. Use `'list_commercial_waste_zones'` to see exactly which community districts a zone covers.

Missing item category details

❌ AVOID

Searching for donation sites without specifying what you are donating.

✓ INSTEAD

Tell your agent what items you have. Use ``list_donatenyc_sites`` to find locations that accept your specific item categories.

The Right Fit

Connect this MCP if you manage logistics, retail operations, or civic services in NYC and need precise DSNY data. Do not connect it if you operate outside the five boroughs or only need general waste management advice without specific location data.



NYC Sanitation (DSNY) MCP Tools

Access real-time data for waste zones, disposal facilities, and specialized drop-off locations across all five boroughs.

#	TOOL	DESCRIPTION
01	list_commercial_waste_zones	This tool lists the roughly twenty DSNY commercial waste collection zones. It returns the zone name and the specific community districts it covers.
02	list_disposal_facilities	This tool provides data on the 25 DSNY waste disposal facilities. You can filter results by facility type or city-area value to get addresses and coordinates.
03	list_donatenyc_sites	This tool accesses the DonateNYC directory containing about 1,500 sites. It returns site names, accepted item categories, hours, and contact info.
04	list_dsnv_garages	This tool retrieves information on the under-100 DSNY garbage and recycling collection garages. It provides addresses, district codes, and city-area values.
05	list_ewaste_dropoffs	This tool finds the approximately 100 electronics drop-off locations across the city. You can filter by borough, neighborhood, or site name.
06	list_pharma_syringe_sites	This tool identifies about 340 pharmaceutical and syringe drop-off locations. It provides the site type, phone number, and operating hours.
07	list_special_waste_sites	This tool lists the five specific sites designated for special or hazardous household waste drop-off.

See It in Action

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

Where can I drop off old electronics in Brooklyn?



The `list_ewaste_dropoffs` tool can find electronics drop-off locations in Brooklyn by filtering for that borough.

Which sites accept expired medicines?



You can use `list_pharma_syringe_sites` with the `site_type` set to PHARMACEUTICALS Drop-off to find locations that accept expired medicine.

Which community districts does commercial waste zone BX-1 cover?



The `list_commercial_waste_zones` tool will return the name Bronx West and the list of community districts for zone BX-1.

Frequently Asked Questions

01 Do I need an API key to use this NYC Sanitation MCP?

No, this MCP is keyless and ready to use once connected to your client.

02 Can I find specific donation sites for certain items?

Yes, the `list_donatenyc_sites` tool allows you to filter by item categories like Books or Toys.

03 How many e-waste locations are available?

There are approximately 100 electronics drop-off locations available through this MCP.

04 Does this include Manhattan data?

Yes, the city-area values use 'New York' to represent Manhattan.

05 How do I find hazardous waste sites?

You can use the `list_special_waste_sites` tool to find the five specific locations for hazardous household waste.

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 Do the text filters ignore case or match partial values?

No. The NYC data platform only supports exact-match filters, so a filter value must equal the stored value. In this MCP, boroughs in the drop-off tables are stored in title case ("Brooklyn", "Manhattan"), pharma/syringe site types as "SYRINGE/SHARPS Drop-off" or "PHARMACEUTICALS Drop-off", and the garage/facility city-area values mix borough names, Queens neighborhood names and "New York" for Manhattan. Use a list tool with no filters to see the exact stored values before filtering.

08 What is DonateNYC?

DonateNYC is the city's directory of donation sites — about 1,500 locations that accept items like books, toys and clothing. `list_donatenyc_sites` returns each site with the categories it accepts, its hours, phone and website; the category text is free-form, so filter by borough, NTA or site name instead.

09 How are boroughs stored in the sanitation datasets?

It differs per dataset: the e-waste, pharma/syringe and DonateNYC tables store the borough in title case ("Brooklyn", "Manhattan"); the DSNY garages and disposal facilities store a city-area value that mixes borough names, Queens neighborhood names and "New York" for Manhattan. Use a list tool with no filters to see the exact values.

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-sanitation-dsny": { "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 Sanitation (DSNY) 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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Endpoint	https://edge.vinkius.com/{token}/mcp

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