

MCP SERVER

NO CODE

CLOUD HOSTED

Siteminder MCP

Manage Hotel Bookings and Inventory via Conversation

Siteminder lets your AI client manage hotel inventory and reservations by connecting directly to channels plus and direct booking APIs. Use this MCP to search properties, check real-time room rates, lock availability, and confirm or cancel bookings via natural language commands.

A+ Quality Score 100/100

hotel-management

booking-engine

inventory-sync

channel-manager

reservations

hospitality-tech



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.

Siteminder MCP

18 tools available

Cloud-hosted on Vinkius

Managing hotel distribution used to mean jumping between five different dashboards just to verify a single rate change or property status. This MCP changes that. It connects your agent directly to the core Siteminder APIs, letting you handle complex booking tasks through conversation instead of manual clicking.

You can ask it to search properties around a specific latitude and longitude for next month's dates. Need pricing? Just tell it which property ID you're interested in; it retrieves current room types and rates instantly. It handles the entire reservation lifecycle, too: lock inventory when you find a good deal, confirm the booking with guest details, or cancel an old reservation if plans change. When you subscribe to this MCP through Vinkius, your AI client gets access to all these tools in one place. You manage everything from listing historical bookings to querying real-time availability using simple prompts.

Core Capabilities

01 — Search for Properties

Find available properties by entering a geographic location, radius, and date range.

03 — Manage Booking Status

Perform key actions on existing reservations, like locking inventory, confirming a booking, modifying details, or canceling the reservation entirely.

02 — Check Room Rates and Types

Get current room availability, types, and pricing for specific hotels or properties.

04 — Review Account History

Retrieve and list all historical bookings associated with your account for review.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/siteminder — connect your AI agent in three steps.

- 01 Subscribe to this MCP and provide your Siteminder API ID, API Key, and SMX Token.
- 02 Your agent uses these credentials to access the full suite of booking tools.
- 03 You issue a natural language request (e.g., 'Find me rooms at Grand Plaza for October 12th'), and the MCP executes the necessary function calls.

The bottom line is that you talk to your agent, and it handles the complex data retrieval and booking actions behind the scenes using Siteminder's APIs.

Built For

This MCP is essential for travel agencies, revenue managers, and property operations staff who are tired of switching between multiple dashboards just to verify rates or process a simple booking change. It puts complex distribution management into conversational AI.

Travel Agent

Uses the MCP to automate property searches and confirm reservations for clients without leaving their chat interface.

Revenue Manager

Checks real-time room rates and monitors inventory levels across multiple properties, eliminating manual dashboard checks.

Property Operations Staff

Retrieves booking histories or modifies existing reservations for guests quickly using natural language commands.

What Changes When You Connect

- 01 Stop checking multiple dashboards. You can use `cp_search_properties` to find available hotels just by typing a location, radius, and date range.

-
- 02** Get accurate pricing instantly. Instead of guessing rates, you ask the MCP for room types and rates using `db_get_room_rates`, connecting you directly to current market prices.
-
- 03** Process bookings end-to-end. You can use `cp_lock_reservation` when you find a deal, then follow up with `cp_confirm_reservation` without ever leaving your chat window.
-
- 04** Maintain perfect records. Need to know what was booked last month? Use `cp_list_reservations` to pull up historical booking data immediately for reference.
-
- 05** Handle changes easily. Instead of calling a manager, you can use `cp_modify_reservation` or `cp_cancel_reservation` to update or void bookings directly through your agent.
-

Real-World Applications

Rescheduling a Client Trip

A travel agent needs to change a client's stay dates. Instead of calling the hotel and manually updating their internal system, they prompt their agent: 'Modify reservation RES-12345 for three extra nights.' The MCP uses `cp_modify_reservation` to handle the update instantly.

Finding Group Blocks

An event planner needs to find suitable venues near a conference center. They prompt the agent with coordinates and a radius; the MCP uses `cp_search_properties` to list all viable options immediately.

Checking Competitor Pricing

A revenue manager needs to quickly verify if a competitor's rate matches their current offering. They ask the agent for room rates using `db_get_room_rates`, getting accurate, real-time pricing data without logging into a separate dashboard.

Audit Trail Review

A property manager needs to review bookings from last quarter for an audit. They ask the agent to retrieve historical data, triggering `cp_list_reservations` and providing a complete record set.

Patterns to Avoid

Guessing current room rates

X AVOID

Calling up-to-date prices by looking at old emails or assuming the price hasn't changed since yesterday.

✓ INSTEAD

Always use the MCP to query the precise pricing data with ``db_get_room_rates`` or ``smx_get_rates``. This ensures you are quoting based on real-time availability and rates.

Attempting booking changes manually

X AVOID

Calling the hotel directly, waiting for an agent to update the system, and then having to wait hours for confirmation.

✓ INSTEAD

Use ``cp_modify_reservation`` or ``cp_cancel_reservation``. These tools push the change immediately through your agent and into Siteminder's systems.

Searching properties vaguely

X AVOID

Asking for 'hotels near downtown.' This yields too much data, requiring manual filtering of results.

✓ INSTEAD

Be specific. Use ``cp_search_properties`` and provide the coordinates (latitude/longitude) and a precise radius to narrow down the search efficiently.

The Right Fit

Use this MCP if your core business process revolves around real-time hotel inventory, rate checking, or transactional reservations. If you need to find out how many properties are near a specific coordinate, use `cp_search_properties`. If you just need general industry knowledge (like market trends), this isn't the right tool.

Don't use it if your primary task is managing internal HR data, processing payroll, or handling non-hospitality related tasks. For those scenarios, you'd need an MCP focused on CRM or finance tools, not booking APIs.

The Headache of Multi-Dashboard Inventory Management

Today, verifying room availability for a client requires logging into the main channel manager, then jumping to the direct booking dashboard to check rates. You copy property IDs here and paste them there. If you need historical data, you open a third tab just to pull reports. It's slow, tedious, and prone to human error.

With this MCP, that workflow disappears. Your agent handles all those transfers. You simply ask your AI client, 'Show me room types for the Downtown Hotel.' The answer comes back immediately, pulling data from every necessary system into one conversation thread.

Siteminder MCP: Instant Control Over Every Booking Detail

Manual processes force you to separately track property details using `db_get_property`, then check rates with `db_get_room_rates`, and finally confirm the booking using `cp_confirm_reservation`. Each step requires a separate click, confirmation, and potential waiting period.

Now, your agent orchestrates it all. You speak the request—'Book me a Deluxe King room at the Downtown Hotel.' The MCP executes the search, checks availability, locks the inventory, and confirms the booking in one go. It's instant, complete, and auditable.

Siteminder MCP: 18 Tools for Hospitality Operations

These tools let you perform every core action required in hotel distribution, from searching locations to modifying confirmed reservations.

#	TOOL	DESCRIPTION
01	<code>cp_cancel_reservation</code>	Cancels an existing hotel reservation based on its ID.
02	<code>cp_confirm_reservation</code>	Finalizes a booking by requiring and submitting guest and payment details.
03	<code>cp_get_property</code>	Retrieves specific details about a property using the Channels Plus API.
04	<code>cp_list_reservations</code>	Gets a list of historical bookings associated with your account through the Channels Plus API.
05	<code>cp_lock_reservation</code>	Places a temporary, limited-time hold on available room inventory.
06	<code>cp_modify_reservation</code>	Changes details on an existing booking, such as dates or guest names.
07	<code>cp_search_properties</code>	Searches for properties based on location coordinates, a specific radius, and desired date range.
08	<code>db_get_property</code>	Retrieves property details specifically within your linked group using the Direct Booking API.
09	<code>db_get_quotes</code>	Checks pricing and availability for a particular stay date range through direct booking methods.
10	<code>db_get_room_rates</code>	Retrieves the current list of room rates for a property using the Direct Booking API.
11	<code>db_get_room_types</code>	Gets all available physical room types associated with a specific property via the Direct Booking API.
12	<code>db_list_properties</code>	Lists every property that belongs to your group through the Direct Booking API.
13	<code>smx_get_availability</code>	Queries real-time inventory levels for a given date range via the SMX API.
14	<code>smx_get_rates</code>	Checks pricing across multiple properties for a specified period using the SMX API.
15	<code>smx_list_hotels</code>	Lists all connected hotels managed by your publisher via the SMX API.
16	<code>smx_list_publishers</code>	Retrieves a list of connected PMS providers using the SMX API.

#	TOOL	DESCRIPTION
17	<code>smx_list_rate_plans</code>	Lists all available rate plans for a hotel via the SMX API.
18	<code>smx_list_room_types</code>	Provides a list of room types for a specific hotel using the SMX API.

See It in Action

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

U Find hotels near lat 40.7128, long -74.0060 within a 5km radius for next weekend.



I've searched the area. I found 3 properties available: 'Grand Plaza' (UUID: gp-123), 'Urban Stay' (UUID: us-456), and 'Boutique Inn' (UUID: bi-789). Would you like to see the room rates for any of these?

U Get the room types and rates for property UUID '123-abc-456'.



For property '123-abc-456', I found: 'Deluxe King' at \$250/night and 'Standard Twin' at \$180/night. Both are available for your selected dates. Should I proceed to lock a reservation?

U Show me the history of bookings for my account.



Retrieving your reservation history... You have 12 recent bookings. The latest is 'RES-99821' for 'John Doe' at 'Grand Plaza', confirmed on Oct 12th. Would you like details on a specific reference ID?

Frequently Asked Questions

01 Can Siteminder MCP find properties by name only?

No, while you can list properties using ``db_list_properties``, the most accurate property search requires coordinates. Use ``cp_search_properties`` and input a latitude/longitude pair for reliable results.

02 How do I check if a rate is available?

You use the MCP to query rates by calling ``db_get_room_rates``. This function verifies current pricing and availability for your specific dates, which is better than relying on cached data.

03 What's the difference between locking and confirming a booking?

Using ``cp_lock_reservation`` sets aside inventory for a limited time. You must follow up with ``cp_confirm_reservation`` (with payment details) to finalize the sale; otherwise, the hold expires.

04 Can Siteminder MCP help me list past bookings?

Yes. Use the tool ``cp_list_reservations`` and provide your account information. This pulls a comprehensive history of all reservations associated with your credentials.

05 Is this good for checking general market rates?







This MCP is best for transactional, direct booking data. For broad market intelligence, you may need to consult a dedicated analytics tool instead of relying solely on ``smx_get_rates``.

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>"siteminder": { "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

Siteminder 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 · support@vinkius.com

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