

MCP SERVER

NO CODE

CLOUD HOSTED

Amadeus MCP for AI Agents

Audit flight offers and hotel availability across global destinations

Amadeus gives your AI agent full control over complex travel logistics. It lets you audit real-time flight prices, search hotel availability in any city, and find points of interest using just natural conversation.

A+ Quality Score 100/100

flight-booking

hotel-availability

travel-logistics

destination-data

api-integration

itinerary-planning



The infrastructure that powers AI agents in the real world.

Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

Amadeus MCP

10 tools available
Cloud-hosted on Vinkius

Planning a trip used to mean jumping between airline websites, booking engines, and map services. Now, you can delegate the whole process to your agent. This MCP connects your preferred AI client directly to Amadeus's massive global database. Instead of clicking through menus or copying IDs, you talk to your agent like talking to an expert travel consultant.

Your agent handles everything from finding the cheapest flight dates between two points to locating top-rated hotels nearby a conference venue. It pulls together detailed pricing and itinerary data, giving you options without ever showing you a booking site's cluttered interface. When you connect this MCP via Vinkius, your AI client becomes a true travel orchestrator, letting you focus on the destination instead of the logistics.

Core Capabilities

01 — Search for flights and audit pricing

Your agent finds multiple flight offers between two cities and pulls detailed price metadata.

03 — Discover nearby points of interest

It uses geographic coordinates to recommend local attractions, restaurants, and venues for planning stays.

05 — Optimize budgets with pricing data

You can query the cheapest possible dates to fly between two locations, helping you plan around budget constraints.

02 — Find hotel deals by location

The system searches for hotels in a specified city code or retrieves specific offer details using an ID.

04 — Analyze travel routes and airports

The MCP retrieves direct destinations from an airport or gets a full seat map for a given flight offer ID.

06 — Identify key travel logistics

The agent searches for potential cities and locations before initiating a full itinerary search.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/amadeus-alternative — connect your AI agent in three steps.

- 01 Subscribe to the Amadeus MCP on Vinkius.
- 02 Input your required API credentials (key and secret).
- 03 Your AI client accesses all travel data by simply asking, 'Find me a hotel near this address' or 'What are the best flight options?'

The bottom line is you tell your agent what trip you want; it handles querying, compiling, and presenting the complex logistics data.

Built For

Anyone who manages travel for more than one person spends too much time clicking through booking sites. This MCP is essential for corporate travel coordinators, event planners, or digital nomads who need reliable, real-time itinerary intelligence without the manual searching.

Travel Coordinator

Needs to monitor flight and hotel options instantly from a central workflow dashboard when booking trips for multiple team members.

Event Planner

Must rapidly audit points of interest near venues or hotels while organizing large multi-day conferences or galas.

Operations Lead

Automates the process of gathering cross-functional travel logistics data, ensuring all team members' itineraries are optimized and documented centrally.

What Changes When You Connect

- 01 Stop manually cross-referencing booking sites. Your agent handles the initial search using `search_flights` and `search_hotels`, giving you multiple options instantly.

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- 02 Optimize budgets by leveraging `get_flight_dates` . Instead of guessing, your agent tells you exactly when the cheapest flights are available for your route.

 - 03 Go beyond simple searches. Use `search_poi` to find specific attractions near a venue or hotel, ensuring your planned itinerary is complete and localized.

 - 04 Get deep operational data with `get_seat_map` . You can verify seating layouts before committing to an expensive flight purchase.

 - 05 Avoid dead ends by using `get_direct_destinations` . The agent tells you what airports connect directly to your target location, saving research time.
-

Real-World Applications

The corporate team needs a multi-city trip itinerary

An operations lead asks their agent for 'the best options for a 5-day conference in Chicago.' The agent uses ``search_hotels`` and ``get_travel_recommendations`` to find top-rated lodging near the venue, while simultaneously using ``search_flights`` to audit flight offers from multiple departure points.

An event planner needs venue logistics

The planner asks their agent to 'find all major attractions near the Convention Center.' The agent uses ``search_poi`` and then ``get_direct_destinations`` to confirm nearby transportation hubs, building a complete logistical map.

A digital nomad needs a budget destination

The user asks their agent for 'the cheapest place in Southeast Asia to spend a month.' The agent uses ``get_flight_dates`` and ``search_cities`` to narrow down the best, most affordable options based on real-time pricing.

Patterns to Avoid

Searching for flights without dates

X AVOID

Telling the agent 'Find me flights from NYC to London.' The results are too broad and require manual date filtering.

✓ INSTEAD

Always provide a date range or use ``get_flight_dates`` first. For example, 'Use `get_flight_dates` for my trip from JFK to LHR' ensures you only see the best pricing.

Assuming hotel availability

X AVOID

Asking the agent to find a hotel in a city without specifying an ID or date range. The results are often generic and unbookable.

✓ INSTEAD

Use ``search_hotels`` with the city code, then request specific details using ``get_hotel_offers`` for accurate availability.

Ignoring airport logistics

X AVOID

Only looking at flight prices without checking connections. You might miss a faster, more direct route.

✓ INSTEAD

Use ``get_direct_destinations`` first to confirm all possible and direct routes from your departure airport.

The Right Fit

You need this MCP if you are building any workflow that requires real-time travel data—whether it's auditing hotel prices, comparing flight options, or mapping out destinations. It's perfect for travel tech stacks where accuracy and breadth of search matter most.

Don't use this if your only need is to find general information about a city (like reading a Wikipedia page). For basic data retrieval that doesn't require live pricing or logistics checks, simpler content APIs might suffice. If you just want to know *if* an airport goes somewhere, `get_direct_destinations` handles it; if you want the best deal and itinerary details, use this MCP.

Amadeus: Auditing Flight Offers for Corporate Travel Logistics

Currently, planning a business trip means opening at least three tabs. You check flight aggregators for pricing, then jump to hotel sites for availability, and finally open Google Maps just to verify local restaurants. This process is slow, error-prone, and requires constant copy-pasting of dates and IDs.

With this MCP connected, you ask your agent to 'Plan the logistics for a three-day conference.' It instantly runs `search_flights` and `search_hotels`, returning structured data with direct pricing options. You get organized, validated itineraries in seconds.

Amadeus: Discovering Points of Interest for Destination Planning

When scouting vacation spots, you typically search a city name and then manually input coordinates into another service to find nearby attractions. This requires multiple steps and often misses the best local recommendations.

Now, simply tell your agent to 'Find cool things near these coordinates.' It uses `get_travel_recommendations` and `search_poi`, giving you a curated list of POIs right in your workflow. Your trip planning is finally holistic.

Amadeus MCP: 10 Tools for Travel Data Management

Use these tools to search, audit, and retrieve detailed logistics data on flights, hotels, and points of interest.

#	TOOL	DESCRIPTION
01	<code>get_direct_destinations</code>	Retrieves a list of direct destinations available from a specified airport.
02	<code>get_flight_dates</code>	Finds the cheapest and most economical flight dates between two locations.
03	<code>get_flight_destinations</code>	Lists all possible destinations reachable from a given origin city or airport.
04	<code>get_hotel_offers</code>	Pulls specific pricing and availability data for a particular hotel ID.
05	<code>get_travel_recommendations</code>	Generates recommendations for local spots based on provided geographic coordinates.
06	<code>get_seat_map</code>	Retrieves a visual seat map and layout details for a specific flight offer ID.
07	<code>search_cities</code>	Locates and verifies names or codes for any city or geographical area.
08	<code>search_flights</code>	Searches and returns various real-time flight offers between two specified locations.
09	<code>search_hotels</code>	Finds a list of available hotels within a specific city code or region.
10	<code>search_poi</code>	Searches and lists points of interest (POIs) like museums, parks, or restaurants.

See It in Action

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

U I need to fly from Dallas to Miami next month, but I'm flexible on dates.



✈️ Flight Options: DFW to MIA

We checked multiple providers. The best options are:

- 📅 **Cheapest Dates:** Oct 12 - Oct 15 (\$380 round trip)
- ✈️ **Direct Routes Available:** American, Spirit (Check for baggage fees)

I found a direct flight option with Frontier on October 14th. Would you like the full itinerary, including seat map details?

U Find me a hotel near the convention center in Orlando for two nights.



🏨 Top Hotel Picks in Orlando

I found 15 options. Here are the top three based on rating and proximity:

HOTEL	RATING	STARTING PRICE
Grand Hyatt	★★★★	\$280/night
Hilton Orlando	★★★★	\$250/night
Convention Suites	★★★	\$190/night

If you want specific details on the Grand Hyatt, I can retrieve its full offer ID for booking.

U What are the best places to visit when I land in Miami?



Recommended Spots Near MIA

Based on your arrival location, here are a few recommended areas:

- **South Beach:** Art Deco architecture and great restaurants.
- **Little Havana:** Cuban culture and cigars (great for walking tours).
- **Wynwood:** Street art district—perfect for photos.

I can pull up specific points of interest and recommend a local eatery in each area if you tell me which one sounds best.

Frequently Asked Questions

01 How does the Amadeus MCP help plan complex international itineraries?

The Amadeus MCP lets your agent handle entire trip logistics, comparing flight prices and hotel deals across multiple providers in one go. It means you don't have to open ten different websites; you just talk to your agent.

02 Is the Amadeus MCP better than using a general search engine for travel?

Yes, because it uses live, structured data. While a search engine gives links, this MCP gives actionable prices and availability details you can use immediately in your workflow. It's built for agents, not just browsing.

03 What kind of travel planning is possible with the Amadeus MCP?

You can plan anything from quick business trips to multi-week vacations. The tools cover everything: finding affordable flight dates, locating attractions near a venue, and auditing hotel offers.

04 Does the Amadeus MCP only work for major cities?

No. It can search for hotels in specific city codes and use coordinates to find points of interest almost anywhere. You don't need to be planning a trip to a capital city.

05 What if I change my travel dates? Can the Amadeus MCP update pricing?

Absolutely. Your agent can query ``get_flight_dates`` or run new searches when your plans shift. It automatically updates the best available prices and options for you.

06 Does the Amadeus MCP provide visa or entry requirements?







No, it focuses purely on logistics: flights, hotels, and local points of interest. For legal requirements like visas, you'll need a specialized document service.

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>"amadeus-alternative": { "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

Amadeus 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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DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Amadeus MCP
Server ID	019d8415-c37e-713a-ba5b-a4c2aba0d85d
Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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