

MCP SERVER

NO CODE

CLOUD HOSTED

Amadeus MCP for AI Agents

Find global flight and hotel deals instantly by natural conversation

Amadeus connects global travel data—flights, hotels, transfers, and activities—to your AI agent. Search options across 400+ airlines and over 150,000 worldwide accommodations using natural conversation prompts. Plan complex itineraries and find the best deals without leaving your chat window.

F Quality Score 8.79/100

flight-search

hotel-booking

travel-api

gds

itinerary-management

pricing-engine



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

Amadeus links one of the industry's largest travel platforms directly to your AI client. You can plan entire trips by simply talking through what you need. Instead of juggling multiple airline sites or booking engines, your agent handles everything from finding flights and checking current schedules to locating hotels near a specific GPS coordinate.

Need to figure out if Paris is cheaper than Rome next month? Use the tools to get flight inspirations across multiple origins. Planning a business trip requires more than just airfare; you can quote airport transfers and even find things to do when you land. All this data flows back into your chat window, giving you immediate comparisons of prices, durations, and stops.

It's comprehensive travel planning at the command line level. When you connect Amadeus via Vinkius, your AI agent treats it like a single source of truth for global itineraries.

Core Capabilities

01 — Search multi-stop flights

Find and compare flight options by specifying origin, destination, dates, and desired number of stops.

03 — Find local accommodation rates

Search for available hotels by city name or precise geographic coordinates.

05 — Plan local activities and tours

Discover things to do in a destination, from day trips to unique experiences.

02 — Determine cheapest travel dates

Identify the optimal time to fly between two cities, regardless of initial search dates.

04 — Get real-time travel status updates

Check the current schedule, gate, and terminal information for any given flight path.

One Click on Vinkius — From Prompt to Execution

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

- 01 Ask your AI agent for the trip details: 'I need flights from Chicago to Miami next month.'
- 02 The Amadeus MCP intercepts this request and runs multiple tools, checking current flight availability, pricing, and best dates.
- 03 Your agent compiles all the results into a single, easy-to-read itinerary comparison right in your chat.

The bottom line is you stop searching websites and start talking to your AI client; it does the rest.

Built For

This MCP serves anyone who plans travel, from large corporate teams managing compliance to individual leisure travelers building a weekend getaway. If your job involves comparing prices across different carriers or coordinating complex logistics, you need this.

Corporate Travel Manager

Using the MCP to search for policy-compliant multi-city itineraries and compare corporate rates instantly.

Travel Agency Owner

Building client-facing tools that generate instant quotes for flights, hotels, and ground transfers without manual data entry.

Individual Trip Planner

Quickly figuring out the cheapest destinations or finding a hotel near a specific landmark like the Eiffel Tower.

What Changes When You Connect

- 01 Compare multiple carriers in one view: Use `search_flights` to see direct vs. connecting options side-by-side, saving you hours of manual comparison.

-
- 02 Save money planning trips: Run `get_cheapest_dates` to bypass guessing and find the absolute lowest cost window for any route.

 - 03 Pinpoint exact local stays: Use `search_hotels_nearby` with coordinates. You don't just get a city list; you get hotels right next to your target landmark.

 - 04 Handle logistics instantly: When coordinating ground travel, simply use `search_transfers` to quote airport pickups and point-to-point rides.

 - 05 Stay updated on the go: Check flight schedules in real-time with `get_flight_status`, eliminating the need to check physical departure boards.
-

Real-World Applications

Last-minute corporate booking

A manager needs a quick, compliant trip for an employee. They prompt their agent: 'Find me a hotel in Seattle near the Convention Center and figure out my flight status.' The MCP uses `search_hotels_nearby` and `get_flight_status` to give immediate, actionable data.

Handling airport transfers

A traveler arrives and needs to know how to get into the city center. They use the MCP to run `search_transfers`, getting immediate quotes for private car service or public transit passes.

Budget family adventure planning

A user asks: 'Where can we go for under \$1000 next month?' The agent uses `get_flight_inspirations`, which suggests low-cost destinations. They then follow up with a search using `search_hotels` in that new city.

Comparing multiple destinations

Instead of checking five different booking sites, the user asks: 'What are the cheapest places I can fly from Boston this quarter?' The MCP executes `get_flight_inspirations` and returns a list of viable budget options.

Patterns to Avoid

Ignoring airport codes

X AVOID

Manually typing 'Tokyo' into a booking form instead of using the correct IATA code (NRT or HND). This often results in incorrect searches and failed bookings.

✓ INSTEAD

Always start by running ``search_airports`` to confirm the exact three-letter airport code for any city, ensuring your initial search is accurate.

Searching only from home

X AVOID

Only checking flight options leaving from your current local airport without considering major hubs or alternative regional airports that might offer better deals.

✓ INSTEAD

Use ``get_flight_inspirations`` to automatically find cheap routes departing from a wide range of airports, expanding your travel options.

Missing ground logistics

X AVOID

Booking flights and hotels but forgetting the cost and method of getting between the airport and the hotel.

✓ INSTEAD

After booking accommodation, run ``search_transfers`` immediately to get accurate quotes for necessary ground transportation.

The Right Fit

Use this MCP if your travel planning requires combining multiple data points: you need flight prices AND hotel availability AND airport transfer estimates. This is ideal for complex itineraries. Don't use it if you just need a simple, single piece of information—for example, if all you want is the current gate number, use `get_flight_status` directly. If your goal is purely building an internal knowledge base about travel trends without executing searches, look into dedicated data API tools instead.

Amadeus MCP: Solving Complex Global Travel Itinerary Planning

Right now, planning a multi-city trip means opening five different browser tabs. You're cross-referencing flight prices against hotel rates, manually copying GPS coordinates to find nearby restaurants, and then calling a taxi company for an airport quote. It's tedious copy-pasting across sites.

With Amadeus connected to your agent, you simply ask: 'Plan me a 4-night trip to Rome with transfers.' The MCP automatically runs `search_hotels` and `search_transfers`, delivering the full package—from accommodation rates to airport pickup quotes—in one cohesive response.

Amadeus MCP: Centralizing Airline Data for Accurate Trip Quotes

Before, getting a reliable picture of travel cost meant calling multiple airline booking lines or waiting for different agents to provide conflicting quotes. You were always limited by the data available on one platform at a time.

Now, your agent calls `search_flights` and cross-references it with `get_cheapest_dates`. This means you get an instant, comprehensive quote that factors in multiple carriers' pricing models, giving you maximum visibility into cost.

10 Tools for Amadeus Travel Planning: Flights, Hotels, & Activities

Use these tools to find flight prices, book accommodation options, check schedules, or plan local activities using natural conversation with your AI agent.

#	TOOL	DESCRIPTION
01	<code>search_flights</code>	Searches and compares available flight options between two specified airports.
02	<code>get_cheapest_dates</code>	Determines the optimal dates to fly between two cities based on current pricing trends.
03	<code>search_hotels</code>	Finds available hotel options and rates for a given city or location.
04	<code>search_hotels_nearby</code>	Searches for hotels closest to specified GPS coordinates, useful for landmark planning.
05	<code>search_airports</code>	Retrieves airport and city codes needed for accurate flight searches.
06	<code>get_flight_status</code>	Provides real-time information on a flight's expected schedule, gate, and terminal.
07	<code>search_activities</code>	Finds tours, experiences, and things to do at a specific destination.
08	<code>get_airline_info</code>	Retrieves general details about a specified airline carrier.
09	<code>search_transfers</code>	Quotes and searches for ground transportation services, like airport pickups.
10	<code>get_flight_inspirations</code>	Suggests budget-friendly destinations to fly from a specified departure city.


See It in Action

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

U Plan a weekend getaway for two from Boston. Need flights and hotels.



Here's the best fit for your long weekend (Oct 18-20):

 **Outbound:** BOS → Miami (MIA) on Friday, Oct 18th.

Delta DL314: \$399. Direct. Departs 7:00 AM.



Hotels Near Beach: The Ocean View Hotel is available for three nights at \$285/night. It's only a 15-minute walk from the beach.



Transfer Quote: Airport shuttle service costs an estimated \$35 round trip.

U I need to know when I can fly cheaply to London next year.



London Flight Savings Report

Based on historical data, the cheapest time window from NYC is early March or late October. Here are some options:

- **March 1-7:** Average cost range \$450 - \$520 (Direct)
- **October 25-31:** Average cost range \$380 - \$460 (One stop, best deal)

I recommend checking the rates for late October to maximize savings.

U What are some fun things to do in Barcelona next month?



Barcelona Activity Suggestions

Here are three highly rated activities based on your interests:

1. 🗺️ **Gothic Quarter Walking Tour:** (Duration: 3 hours) Ideal for history buffs. Includes maps and local guides.
2. 🚲 **Barceloneta Beach Day Pass:** (Duration: Full day) Rent bikes and explore the coast. Perfect for families.
3. 🍷 **Tapas Tasting Experience:** (Duration: Evening) A guided food tour through El Born, sampling regional specialties.

Frequently Asked Questions

01 How can Amadeus help me compare prices across different airlines?

The MCP uses `search_flights` to pull data from multiple carriers at once. Instead of visiting five separate airline websites, your agent gives you a single list comparing the same routes, stops, and prices.

02 Does Amadeus handle transfers between airports?

Yes. You can use `search_transfers` to get immediate quotes for ground services, whether it's an airport shuttle or a private car service from the terminal to your hotel.

03 Can I find hotels near specific landmarks using Amadeus?

Absolutely. Instead of just searching by city name, you can use `search_hotels_nearby` and provide GPS coordinates for a landmark, ensuring your stay is perfectly located where you want to be.

04 How far in advance should I search for the cheapest flights?

You don't have to guess. The `get_cheapest_dates` tool analyzes historical data and current trends, telling you exactly what dates are statistically the most affordable for your route.

05 What if I need help planning a full multi-city itinerary?

The MCP is designed for complex trips. You can feed it all the pieces—flights, hotel stays, activities, and transfers—to build one cohesive plan that links every part of your trip together.

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 `"amadeus": { "url": "..." }`



Windsurf

MCP Settings → `mcp_settings.json` → 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Amadeus. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Amadeus MCP
Server ID	019d754c-a0ad-71d0-9052-14ff969cb8ba
Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/mcp/amadeus.