

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

Itinerary Day Count MCP

Get precise trip durations and date validations instantly.

Itinerary Day Count MCP handles the math for your travel planning. It calculates inclusive calendar days, compares different trip lengths, and checks if your planned dates fit within specific seasonal constraints. Your AI client uses these tools to ensure your travel timelines are accurate and logically sound.

A+ Quality Score 100/100

itinerary

calendar

travel-planning

date-calculation

trip-duration



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.

Itinerary Day Count MCP

4 tools available

Cloud-hosted on Vinkius

Planning a trip involves more than just picking a destination. You have to account for every single day to ensure your schedule actually works. This MCP takes the guesswork out of travel math. Instead of you manually counting days on a calendar, your AI client can instantly determine the exact inclusive duration of a trip.

You can use it to verify if a proposed itinerary fits within specific seasonal windows, which is helpful when you have strict travel constraints. If you are weighing two different travel options, the MCP can compare their lengths to show you which one gives you more time on the ground. It also provides a temporal breakdown of your trip, giving you a clear view of how much time you are spending away. It's a specialized set of tools designed to keep your travel logic tight and your scheduling accurate.

Core Capabilities

01 — Inclusive Day Counting

Your agent calculates the full span of a trip including both the start and end dates.

02 — Constraint Validation

The AI checks if your dates fall within specific seasonal or allowed travel windows.

03 — Trip Comparison

Your client compares two different travel plans to see which one lasts longer.

04 — Temporal Summaries

The MCP provides a breakdown of the time footprint for any given itinerary.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/itinerary-day-count — connect your AI agent in three steps.

- 01
- Connect your AI client to the Vinkius hosted MCP.
- 02
- Provide your trip dates or itinerary details to your agent.
- 03
- The agent calls the specific tool needed for your request.
- 04
- The MCP returns the calculated duration or validation result.
- 05
- Your agent presents the final answer to you.

Connecting this MCP to your AI client gives it immediate access to travel math tools.

Built For

This MCP is built for anyone managing complex travel schedules through an AI interface.

Travel Planners

They hand off date math and itinerary comparisons to the AI.

Logistics Coordinators

They use the tool to validate that trips stay within specific time constraints.

Personal Assistants

They use the MCP to quickly summarize trip durations for clients.

What Changes When You Connect

- 01
- Eliminates manual calendar counting errors.
- 02
- Provides instant comparison between multiple travel options.
- 03
- Validates dates against specific seasonal constraints.

04 Generates detailed temporal breakdowns of trip lengths.

Real-World Applications

Comparing Vacation Options

Your agent compares a 7-day trip against a 10-day trip to see which fits your budget better.

Seasonal Planning

The AI checks if your summer trip dates actually fall within the allowed summer window.

Trip Duration Verification

You confirm the exact number of days you'll be away for a business trip.

Itinerary Summarization

The agent creates a summary of how long a trip lasts and how much of the year remains after it ends.

Patterns to Avoid

Manual Date Counting

❌ AVOID

You try to count the days between June 12th and July 4th on your fingers to see if it fits a 20-day window.

✓ INSTEAD

Let your agent do the math using `get_itinerary_duration` to get the exact inclusive day count instantly.

Ignoring Seasonal Constraints

❌ AVOID

You book a trip for late October without checking if the destination is actually open for visitors during that month.

✓ INSTEAD

Use `validate_itinerary_range` to ensure your dates stay within your required seasonal or travel windows.

Vague Trip Comparisons

❌ AVOID

You tell your agent that one trip feels longer than the other without having hard numbers to back it up.

✓ INSTEAD

Run `compare_itineraries` to see exactly which trip provides more time on the ground.

The Right Fit

Connect this MCP if you manage complex travel schedules where date accuracy is non-negotiable. Do not connect it if you only plan simple, single-day errands. The decision depends on whether you need to validate trip durations against strict seasonal windows or budget constraints.

Itinerary Day Count Tools for Precise Trip Scheduling

These tools handle the calendar math required to calculate trip lengths, compare different travel plans, and validate date ranges against specific constraints.

#	TOOL	DESCRIPTION
01	compare_itineraries	This tool compares the lengths of two different itineraries. It tells you exactly which trip is longer.
02	get_itinerary_duration	This tool calculates the total number of inclusive calendar days for a single trip.
03	get_itinerary_summary	This tool provides a detailed breakdown of the temporal footprint for your planned trip.
04	validate_itinerary_range	This tool checks if your chosen date range stays within a specific set of allowed travel constraints.

See It in Action

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

U How many days is my trip from 2024-07-01 to 2024-07-05?



Your trip is 5 days long.

U Is a trip from 2024-12-01 to 2024-12-01 valid?



Yes, a trip where the start and end dates are the same is a valid 1-day itinerary.

U Give me a summary for a trip from 2024-05-10 to 2024-05-15.



The trip lasts 6 days, it is not a single day trip, and there are 230 days remaining in the year after the trip ends.

Frequently Asked Questions

01 How does the MCP count trip days?

The MCP uses inclusive calendar day counting, meaning it counts both the start and end dates as full days.

02 Can I compare two different trips?

Yes, you can use the `compare_itineraries` tool to determine which of two trips is longer.

03 What if my start and end dates are the same?

The MCP treats a trip where the start and end dates are identical as a valid 1-day itinerary.

04 Can this MCP check seasonal availability?

Yes, the `validate_itinerary_range` tool checks if your dates fall within specific allowed travel constraints.

05 Which AI clients can use this MCP?

You can use this MCP with any compatible client like Claude, Cursor, Windsurf, or VS Code.

06 How are the days counted?

The count is inclusive of both the arrival day and the departure day. For example, arriving Monday and leaving Tuesday is a 2-day itinerary.

07 What date format should I use?

All dates must follow the standard ISO 8601 calendar format.

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>"itinerary-day-count": { "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

Itinerary Day Count 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Itinerary Day Count. 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	September 2026
MCP Server	Itinerary Day Count MCP
Server ID	01a0d1ce-1b46-7295-b991-b85f07a0b845
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/en/ai-agent-connect/itinerary-day-count.