MCP SERVER | NO CODE | CLOUD HOSTED

Family Calendar Days MCP

Get a clear view of your family's time and activity patterns.

Family Calendar Days MCP lets your AI client dig into the temporal details of your family schedule. Instead of just reading a list of events, your agent can calculate how many days you spend on specific activities, find where schedules clash, and measure how busy your weeks actually are.

A+ Quality Score 100/100

calendar | analysis | family | scheduling | time-management

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vinkius.com/en/ai-agent-connect/family-calendar-days

SCAN TO VIEW

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Family Calendar Days MCP

4 tools available
Cloud-hosted on Vinkius

Managing a family schedule is usually about looking at what's happening next, but it's hard to see the bigger picture. This MCP changes that by letting your AI client treat your calendar as a data set. You can move past simple scheduling and start analyzing how your time is actually distributed.

If you want to know if you're spending too much time on work versus family time, or if your vacations are actually long enough to feel like a break, your agent can pull those numbers for you. It can spot overlapping commitments that might cause friction and calculate the density of your busy periods. It's about turning a messy list of appointments into actionable insights about your family's rhythm.

Core Capabilities

01 — Activity Tracking

Your agent uses this to tally up days spent on specific categories like hobbies or trips.

02 — Conflict Detection

Your agent identifies when two or more events are scheduled for the same time.

03 — Schedule Density Analysis

Your agent compares active days against the total timeframe to see how crowded the schedule is.

04 — Temporal Footprint Summaries

Your agent pulls a quick overview of the total duration and active days in a calendar.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/family-calendar-days** — connect your AI agent in three steps.

01 Connect your preferred MCP-compatible client to Vinkius.

02 Provide your agent with the calendar ID you want to analyze.

03 Ask your agent to perform specific calculations like counting days or finding overlaps.

04 Receive direct, data-driven answers from your agent based on the MCP tools.

You connect the MCP to your client and start asking questions about your calendar data.

Built For

This is for anyone managing complex household schedules who wants to move beyond simple list-making.

Household Managers

They hand off the task of auditing time spent on various family activities to their AI.

Busy Parents

They use the agent to quickly spot scheduling overlaps or busy weeks.

Family Coordinators

They rely on the agent to summarize how much time is being spent on specific categories like travel or extracurriculars.

What Changes When You Connect

01 Quantifies time spent on specific activities through category counting.

02 Identifies scheduling conflicts by finding overlapping event periods.

03	Measures schedule intensity by comparing active days to the total span.
04	Provides high-level temporal summaries of calendar footprints.

Real-World Applications

Vacation Planning

Check how many days are actually dedicated to a trip to ensure it's long enough.

Conflict Resolution

Ask your agent to find where two family members have overlapping commitments.

Time Budgeting

See if you are spending too many days on certain activities compared to others.

Busy Week Alerts

Use activity density to see which weeks are going to be the most packed.

Patterns to Avoid

Treating it like a basic planner

AVOID

Asking your agent to just add a new dentist appointment for next Tuesday.

✓ INSTEAD

Use this MCP for analysis instead of entry. Use `get_calendar_summary` to see how that new appointment changes your overall schedule density.

Ignoring time distribution

AVOID

Checking your calendar to see if you are busy without knowing why.

✓ INSTEAD

Use `count_category_days` to see exactly how many days are actually going toward specific activities like school or travel.

Missing hidden scheduling conflicts

AVOID

Assuming everyone is free on Friday because no one explicitly said they were busy.

✓ INSTEAD

Run `find_overlapping_events` to catch instances where two family members have commitments at the same time.

The Right Fit

Connect this MCP if you manage a complex household schedule and need to audit how time is actually spent. Do not connect it if you only need a tool to add or delete single appointments. The decision depends on whether you want to analyze patterns or just list tasks.

Family Calendar Days: 4 Specialized Tools

These tools turn your calendar from a simple list of dates into a dataset for analyzing time distribution and scheduling friction.

#	TOOL	DESCRIPTION
01	`count_category_days`	This tool counts how many days are dedicated to a specific activity type. It helps you see exactly how much time is allocated to categories like vacations or school.
02	`find_overlapping_events`	This tool identifies specific periods where multiple events are happening at the same time. Use it to catch scheduling conflicts before they cause problems.
03	`get_activity_density`	This tool measures how busy a calendar is by comparing active days to the total time span. It gives your agent a way to quantify how packed your schedule feels.
04	`get_calendar_summary`	This tool provides a high-level overview of the calendar's temporal footprint. It's the quickest way to see the total span and active days in a single view.

See It in Action

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

U Give me a summary of the calendar with ID 'fam-123'.

The calendar 'fam-123' spans 30 days in total, with 12 unique active days and 5 total events recorded.

U How many days are dedicated to 'Vacation' in calendar 'fam-123'?

There are 7 total days and 7 unique active days dedicated to the 'Vacation' category in this calendar.

U Are there any overlapping events in calendar 'fam-123'?

Yes, there is an overlap on 2024-07-04 involving event IDs 'evt-001' and 'evt-002'.

Frequently Asked Questions

01 **What can this MCP do with my calendar?**

It analyzes the time-based properties of your calendar, such as how many days you spend on certain activities, where events overlap, and how busy your schedule is.

02 **Which AI clients can I use with this MCP?**

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

03 **How does it identify overlapping events?**

The find_overlapping_events tool looks for periods where multiple events are occurring at the same time and reports those specific instances.

04 **Can I see how much time I spend on vacations?**

Yes, you can use the count_category_days tool to find exactly how many days are dedicated to a specific category like 'Vacation'.

05 **Do I need to set up my own hosting?**

No, Vinkius hosts and manages the MCP for you. You just connect your client and start working.

06 **How does the tool handle overlapping events?**

The `get_calendar_summary` tool counts unique active days, meaning if two events overlap on the same date, that date is only counted once in the active day total.

07 **Can I filter by specific event types?**

Yes, you can use `count_category_days` to determine the total and unique active days for any specific category like 'Vacation' or 'School Holiday'.

08 **What is activity density?**

Activity density is a score calculated by the `get_activity_density` tool, representing the ratio of active days to the total number of days in a given timeframe.

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 `"family-calendar-days": { "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

Family Calendar Days 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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DOCUMENT INFORMATION

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Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

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