

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

Deadline Days Remaining MCP.

Keep your agent on track with precise countdowns.

Deadline Days Remaining MCP gives your AI client the ability to track, validate, and report on time-sensitive dates. Instead of guessing how much time is left, your agent can calculate exact day counts, check urgency levels, and manage a registry of upcoming deadlines using simple date strings.

A+ Quality Score 100/100

deadline

date

countdown

time

scheduler



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.

Deadline Days Remaining MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually counting days on a calendar. This MCP gives your AI client the math and logic needed to handle time-sensitive tasks. If you're managing a project or a schedule, your agent can now look at a date and tell you exactly how much breathing room you have left. It handles the heavy lifting of date validation and status checks, so you don't have to worry about formatting errors or miscalculating urgency. Whether you need to see a full list of everything on your radar or just want to know if a specific date has already passed, this tool provides the raw numbers and human-readable status updates your agent needs to stay organized.

Core Capabilities

01 — Exact Day Counting

Your agent uses this to provide specific integer counts for any target date.

03 — Format Verification

Your agent runs this to ensure date strings match the YYYY-MM-DD requirement.

02 — Urgency Categorization

Your agent checks this to label dates as upcoming or passed.

04 — Deadline Auditing

Your agent calls this to retrieve the full list of dates in your registry.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/deadline-days-remaining — connect your AI agent in three steps.

- 01 Connect the MCP to your preferred client like Claude or Cursor via Vinkius.
- 02 Provide a date in YYYY-MM-DD format to your agent.
- 03 The agent uses the validation tool to confirm the date is correct.
- 04 The agent calculates the remaining days or checks the status.
- 05 You receive the exact count or urgency level in your chat interface.

Connecting this MCP to your client is a one-time setup that enables immediate date management.

Built For

This is for anyone managing schedules through an AI-driven workflow.

Project Managers

They hand off deadline tracking to their agent to monitor project milestones.

Software Developers

They use it to keep release dates and sprint deadlines organized within their IDE.

Operations Coordinators

They rely on it to maintain a clear view of upcoming operational deadlines.

What Changes When You Connect

- 01 Eliminates manual date calculations by providing exact day counts.
- 02 Prevents input errors through strict YYYY-MM-DD format validation.

-
- 03 Provides instant urgency context through human-readable status updates.
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- 04 Centralizes all tracked dates into a single accessible registry.
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Real-World Applications

Project Milestone Tracking

Your agent monitors specific project dates and alerts you when a deadline is approaching.

Task Prioritization

Your agent uses urgency levels to help you decide which tasks need immediate attention.

Release Management

Use it to count down the days until a software deployment or product launch.

Schedule Auditing

Retrieve a full list of all deadlines to review your upcoming workload.

Patterns to Avoid

Manual date math errors

❌ AVOID

You ask your agent to calculate how many days are left between today and a deadline, but it gets the math wrong.

✓ INSTEAD

Let the agent use `get_days_remaining` to pull an exact integer count instead of guessing.

Invalid date formats

❌ AVOID

You feed your agent a date like 'March 5th, 2024' and the agent fails to process the deadline.

✓ INSTEAD

Run the date through `validate_deadline_format` first to ensure it follows the YYYY-MM-DD standard.

Missing deadline context

❌ AVOID

Your agent sees a list of dates but doesn't know which ones are already overdue.

✓ INSTEAD

Use `check_deadline_status` to get human-readable urgency levels like 'Passed' or 'Upcoming'.

The Right Fit

Connect this MCP if you manage schedules or project milestones through an AI client. Don't connect it if you don't have specific dates to track. The decision comes down to whether you want your agent to handle time-sensitive logic instead of you doing the math manually.

Deadline Days Remaining: 4 Essential Tools

These tools handle all the date math, format checks, and status updates your agent needs to track deadlines accurately.

#	TOOL	DESCRIPTION
01	list_all_deadlines	This tool pulls your entire registry of recorded deadlines from the system.
02	get_days_remaining	This tool calculates the exact integer count of days left until a specific date.
03	check_deadline_status	This tool returns human-readable urgency levels like 'Upcoming' or 'Passed' for a given date.
04	validate_deadline_format	This tool checks if your date strings follow the required YYYY-MM-DD format.

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 are left until December 25, 2025?



There are 350 days remaining until December 25, 2025.

U What is the status of the deadline on 2023-01-01?



The status for 2023-01-01 is 'Passed'.

U Is '2025-13-01' a valid date format?



No, that is not a valid date.

Frequently Asked Questions

01 What date format does this MCP require?

You must use the YYYY-MM-DD format for all date entries.

02 Can I use this with Cursor or VS Code?

Yes, this MCP works with any MCP-compatible client including Cursor and VS Code.

03 How does the agent know if a deadline has passed?

The `check_deadline_status` tool categorizes dates, identifying them as 'Passed' if the date is in the past.

04 Do I need to host this myself?

No, Vinkius hosts and manages the MCP for you.

05 Can the agent see all my deadlines at once?

Yes, the `list_all_deadlines` tool allows your agent to retrieve the entire registry.

06 How do I check how many days are left until my project is due?

You can use the ``get_days_remaining`` tool by providing the deadline date in YYYY-MM-DD format.

07 What happens if the deadline has already passed?

The ``get_days_remaining`` tool will return a negative integer, and ``check_deadline_status`` will return a status of 'Passed'.

08 Can I see all my deadlines at once?

Yes, use the ``list_all_deadlines`` tool to retrieve a complete list of all recorded deadlines and their status.

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>"deadline-days-remaining": { "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

Deadline Days Remaining 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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