

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

Creative Project Milestone Plan MCP.

Get precise project timelines and catch scheduling errors instantly.

Creative Project Milestone Plan MCP acts as a specialized scheduling engine for your project management workflows. It calculates exact completion dates by factoring in task durations, logical dependencies, and your specific workdays. Your AI client uses this to map out timelines, identify the critical path, and flag any deadline violations before they become real problems.

A+ Quality Score 100/100

scheduling

project-management

timeline

milestones

dependencies



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.

Creative Project Milestone Plan MCP

4 tools available

Cloud-hosted on Vinkius

You can stop guessing when a project will actually finish. This MCP handles the heavy lifting of project scheduling by treating time as a logical sequence of dependencies and workdays. Instead of manually checking if a delay in one task will push back your entire launch, you let your AI agent run the math.

It accounts for the specific days your team actually works, so you aren't seeing completion dates that fall on a Sunday. You can use it to find the longest chain of tasks that dictates your total project length or to verify that a specific task's schedule doesn't violate your project's constraints. It is built for managing complex task chains where one late delivery can break the whole plan. By connecting this to your preferred AI client, you turn a conversational agent into a precise project math engine.

Core Capabilities

01 — Timeline Calculation

Your agent calculates exact completion dates based on task duration and dependencies.

02 — Conflict Detection

The AI identifies when task dependencies clash with your set deadlines.

03 — Critical Path Analysis

Your agent finds the longest sequence of tasks that controls the project end date.

04 — Workday Validation

The tool checks if schedules respect your specific non-working days and constraints.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/creative-project-milestone-plan — connect your AI agent in three steps.

- 01 Connect your AI client to the Vinkius hosted MCP.
- 02 Provide your task list, durations, and dependencies to your AI agent.
- 03 Define your specific workdays to ensure accurate date calculations.
- 04 Ask the agent to run specific tools like finding the critical path or checking for conflicts.
- 05 Review the calculated dates and milestone reports provided by the agent.

Connect the MCP to your AI client and start describing your project tasks.

Built For

This MCP is built for professionals managing complex, multi-step projects that rely on strict timing.

Project Managers

You hand off task lists and dependencies to the AI to generate accurate schedules.

Operations Leads

You use the tool to verify that operational workflows won't hit deadline conflicts.

Creative Producers

You rely on the critical path tool to see which creative stages dictate the final delivery.

What Changes When You Connect

- 01 Calculates dates based on actual workdays rather than simple calendar days.

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- | | |
|-----------|---|
| 02 | Flags logical dependency errors that would otherwise cause missed deadlines. |
| <hr/> | |
| 03 | Identifies the critical path to show which tasks directly impact the finish date. |
| <hr/> | |
| 04 | Automates the math behind complex task chains. |
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Real-World Applications

Deadline Verification

Check if a new task can realistically be finished before a hard deadline given its dependencies.

Resource Planning

Use the critical path to see where you need to focus your team's attention to avoid delays.

Project Kickoffs

Generate an initial milestone schedule immediately after defining your first set of tasks.

Schedule Auditing

Run a validation check on an existing plan to find hidden dependency conflicts.

Patterns to Avoid

Ignoring workday constraints

❌ AVOID

You assume a three-day task starting on Friday will finish by Monday without accounting for the weekend.

✓ INSTEAD

Use `validate_workday_logic` to ensure your schedule respects your team's actual working days.

Manual dependency checking

❌ AVOID

You try to eyeball a massive spreadsheet to see if a delay in one task will break your launch date.

✓ INSTEAD

Let your agent run the math using `check_dependency_conflicts` to find logical errors automatically.

Missing the critical path

❌ AVOID

You focus all your energy on minor tasks while the tasks that actually control your end date slip behind.

✓ INSTEAD

Run `find_critical_path` to identify the specific sequence that dictates your total project duration.

The Right Fit

Connect this MCP if you manage multi-step projects where task sequences and specific workdays dictate your timeline. Do not use it if your projects are simple, one-off tasks without dependencies. The deciding factor is whether a delay in one task creates a ripple effect across your entire schedule.

4 Tools for Precise Project Scheduling and Logic

These tools handle the mathematical heavy lifting of task dependencies, workday constraints, and critical path calculations.

#	TOOL	DESCRIPTION
01	find_critical_path	This tool identifies the specific sequence of tasks that determines your project's total duration.
02	validate_workday_logic	Use this to check if a task's schedule remains valid under your project's specific workday constraints.
03	check_dependency_conflicts	This tool flags logical errors where task dependencies make it impossible to hit your fixed deadlines.
04	get_milestone_schedule	This tool calculates expected completion dates for every task and identifies key milestone dates.

See It in Action

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

- U** Calculate the milestone schedule for a project starting on 2024-05-01 with tasks: TaskA (3 days), TaskB (2 days, depends on TaskA), and workdays: Monday, Tuesday, Wednesday, Thursday, Friday.



TaskA will complete on 2024-05-03. TaskB will start on 2024-05-06 and complete on 2024-05-07.

- U** Check for dependency conflicts in a project starting 2024-06-01 where TaskA (5 days) must finish before TaskB (5 days), and TaskB has a fixed deadline of 2024-06-05, working Monday through Friday.



A conflict exists for TaskB. The calculated completion date is 2024-06-10, which violates the fixed deadline of 2024-06-05.

- U** What is the critical path for a project with TaskA (2 days), TaskB (3 days, depends on TaskA), and TaskC (1 day, depends on TaskA)?



The critical path is TaskA, TaskB, with a total duration of 5 workdays.

Frequently Asked Questions

01 How does this MCP handle weekends?

It uses the specific workday logic you provide. You define which days are workdays, and the tool calculates dates based only on those days.

02 Can I use this with Claude or Cursor?

Yes. This MCP is compatible with any MCP-compatible client, including Claude, Cursor, and Windsurf.

03 What is a critical path in this context?

The critical path is the longest sequence of dependent tasks. If any task on this path is delayed, the entire project is delayed.

04 Does it find errors in my project plan?

Yes. The `check_dependency_conflicts` tool specifically looks for instances where task dependencies make it impossible to meet your deadlines.

05 Do I need to host the MCP myself?

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

06 How does the scheduling engine handle non-working days?

The engine only increments task duration through the specific days provided in the workdays list. If a task is scheduled to end on a Saturday but only weekdays are defined, the completion date will shift to the next available workday.

07 Can I detect if my project will miss a deadline?

Yes, by using the `'check_dependency_conflicts'` tool, you can identify if the logical sequence of tasks makes it impossible to meet your fixed deadlines.

08 What is the critical path?

The critical path is the longest sequence of dependent tasks. You can find this sequence using the `'find_critical_path'` tool to understand which tasks directly impact your project completion date.

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>"creative-project-milestone-plan": { "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

Creative Project Milestone Plan 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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