

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

Audiobook Listening Time Calculator MCP

Plan exactly when you will finish your next book.

Audiobook Listening Time Calculator MCP lets your AI client handle the math for your reading list. It calculates finish dates based on your playback speed and daily availability. You can check how much content is left or test if a specific daily listening goal is actually doable before you commit to it.

A+ Quality Score 100/100

audiobook

scheduling

time-management

playback-speed

productivity



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.

Audiobook Listening Time Calculator MCP

4 tools available

Cloud-hosted on Vinkius

Stop guessing when you'll finally finish that long biography or thriller. This MCP gives your AI client the ability to build precise listening schedules by factoring in the variables that actually matter, like your preferred playback speed and how many minutes you can realistically dedicate to listening each day.

You can use it to see how much time you'll save by bumping your speed from 1.0x to 1.5x, or to verify if your goal of finishing a book by next Friday is realistic given your current habits. It handles the math of remaining content and completion forecasts so you can focus on the story. Whether you're a heavy listener trying to manage a massive backlog or just someone trying to fit a book into a busy commute, this tool turns vague estimates into a concrete daily plan.

Core Capabilities

01 — Finish Date Forecasting

Your agent calculates the specific date you will complete a book.

02 — Speed Impact Analysis

The AI compares how different playback speeds change your total time investment.

03 — Progress Tracking

Your client determines the remaining minutes and percentage of content left.

04 — Schedule Validation

The AI checks if your planned daily listening minutes will actually meet your deadline.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/audiobook-listening-time-calculator — connect your AI agent in three steps.

- 01

Connect your preferred MCP-compatible client to Vinkius.
- 02

Provide the total length of your audiobook in minutes.
- 03

Tell your agent your current playback speed and daily availability.
- 04

Ask for a completion date or a schedule validation.

Connect the MCP to your AI client and start asking about your listening progress.

Built For

This is for anyone who consumes audiobooks and wants to manage their time more effectively.

Commuters

People who want to know exactly how many trips it will take to finish a book.

Power Listeners

Users with large backlogs who need to plan their consumption schedules.

Productivity Enthusiasts

Individuals who use AI to manage their daily habits and time allocation.

What Changes When You Connect

- 01

Removes the guesswork from audiobook completion estimates.
- 02

Shows the exact time savings gained from increasing playback speed.
- 03

Prevents overcommitting to unrealistic daily listening goals.

04 Provides a clear percentage of progress for any book.

Real-World Applications

Commute Planning

Calculate if a book will be finished by the time you reach a specific destination or date.

Speed Optimization

Determine if increasing your speed is worth the effort to finish a book sooner.

Goal Setting

Verify if a daily 15-minute listening habit is enough to finish a book within a month.

Backlog Management

Track how much total time you have left across multiple books in your queue.

Patterns to Avoid

Vague completion guesses

❌ AVOID

You tell your agent you want to finish a book soon and hope for the best. This leads to missing your target dates.

✓ INSTEAD

Provide your specific daily availability and preferred speed. Use `calculate_completion_forecast` to get an exact date instead of a guess.

Ignoring speed changes

❌ AVOID

You assume a 1.0x speed is the only way to listen and wonder why a book is taking forever. You miss out on significant time savings.

✓ INSTEAD

Run a comparison to see how much time you save by speeding up. Use `compare_speed_impact` to see the difference between your current speed and a faster one.

Overcommitting to daily goals

❌ AVOID

You decide to listen for two hours every single day, but your schedule is too busy to actually do it. You end up frustrated when you fall behind.

✓ INSTEAD

Check your plan against the book's actual length first. Use `validate_listening_schedule` to see if your daily minutes will actually get you to the finish line.

The Right Fit

Connect this MCP if you have a massive audiobook backlog or a strict deadline for a specific title. Do not connect it if you just listen to short snippets or don't care when a book ends. The decision depends on whether you want a concrete schedule or just casual listening.

Audiobook Listening Time Calculator Tools

These tools handle the math for your listening habits. They calculate completion dates, compare playback speeds, and verify if your daily goals are actually realistic.

#	TOOL	DESCRIPTION
01	calculate_completion_forecast	This tool predicts the exact date you will finish an audiobook based on your speed and daily time availability.
02	compare_speed_impact	Use this to see the difference in total listening time when you change your playback speed.
03	get_remaining_content_status	This tool calculates how much content is left in your book and what percentage of the total you have already completed.
04	validate_listening_schedule	This tool checks if your proposed daily listening goals are actually achievable given the book's length.

See It in Action

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

U When will I finish a 1200 minute audiobook if I listen at 1.5x speed for 30 minutes every day starting tomorrow?



You will finish the audiobook in 54 days. Your daily plan includes 30 minutes of listening per day until completion.

U I have listened to 300 minutes of a 1000 minute book at 1.2x speed. How much is left?



You have 700 minutes of content remaining, which is 70% of the book. At your current speed, you have approximately 9.72 hours left to listen.

U How many days can I save if I increase my speed from 1.0x to 1.5x for a 500 minute book, listening 20 minutes a day?



By increasing your speed to 1.5x, you will save 17 days of listening time.

Frequently Asked Questions

01 How does this MCP calculate my finish date?

It takes the total book length and divides it by your daily listening time and playback speed to find the number of days required.

02 Can I use this with Claude or Cursor?

Yes, you can connect this MCP to any compatible client like Claude, Cursor, or Windsurf through the Vinkius platform.

03 Does it account for playback speed?

Yes, the tools allow you to factor in different speeds to see how they impact your total time and finish date.

04 How do I know if my daily goal is realistic?

You can use the validation tool to check if your proposed daily minutes will actually result in finishing the book when you want to.

05 Do I need to host this myself?

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

06 How does the completion date calculation work?

The tool calculates the effective duration by subtracting skipped minutes from the total duration and then dividing by your playback speed. It then distributes this time across your available daily minutes to determine the finish date.

07 Can I see how much time I would save by listening faster?

Yes, you can use `compare\_speed\_impact` to compare your current speed against a target speed to see exactly how many hours or days you will save.

08 How do I know if my listening plan is realistic?

You can use `validate\_listening\_schedule` to check if your proposed daily listening minutes exceed your total daily availability.

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>"audiobook-listening-time-calculator": { "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

Audiobook Listening Time Calculator 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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Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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