

M C P SERVER

NO CODE

CLOUD HOSTED

Live Music Coordination Engine for professionals.

Turn performance details into a complete operational roadmap.

Live Music Coordination Engine converts venue terms, performer agreements, and repertoire choices into actionable execution plans. It helps you bridge the gap between a signed contract and a successful show by managing timelines, gear requirements, and staff briefings through your AI client.

A+ Quality Score 100/100

music

event-planning

logistics

coordination

performance



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.

Live Music Coordination Engine MCP

5 tools available

Cloud-hosted on Vinkius

You can stop juggling scattered emails and messy spreadsheets when planning a gig. This MCP takes your raw performance data and turns it into a structured plan. If you have a venue contract and a list of gear, your agent can immediately spot if you're missing a power source or a specific cable. You can build master timelines for the band, create specific task lists for your crew, and even draft how you'll talk to the audience or follow up after the set. It's built to handle the logistical friction that happens between the rehearsal room and the stage.

Core Capabilities

01 — Logistics Gap Analysis

Your agent checks your gear list against venue provisions to find missing items.

02 — Timeline Construction

The MCP builds master schedules based on arrival and performance times.

03 — Staff Tasking

It generates specific briefings for every person on your crew.

04 — Audience Messaging

Your agent drafts plans to manage how you interact with the crowd.

05 — Post-Show Management

It creates protocols to handle professional follow-ups after the event ends.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/live-music-coordination-engine — connect your AI agent in three steps.

- 01 Connect your AI client to the MCP via Vinkius.
- 02 Provide your performance details, like venue contracts or gear lists.
- 03 Ask your agent to generate a plan, checklist, or briefing.
- 04 Review the output and use it to run your event.

Connect your preferred AI client to the Vinkius-hosted MCP and start planning.

Built For

This MCP is designed for people managing the moving parts of live musical performances.

Band Leaders

Hand off performer agreements and setlists to get a full run-of-show.

Event Managers

Use it to sync venue requirements with performer needs.

Tour Managers

Delegate task briefings and logistical checklists to crew members.

What Changes When You Connect

- 01 Converts messy contracts into organized timelines.
- 02 Identifies equipment mismatches before you arrive at the venue.
- 03 Standardizes how you brief your crew and follow up with clients.

04 Centralizes performance data for your AI client to act on.

Real-World Applications

Gig Preparation

Turn a single venue email into a complete load-in and soundcheck schedule.

Crew Management

Generate individual task lists so every technician knows their role.

Venue Coordination

Use the checklist to confirm power, stage size, and PA compatibility.

Audience Engagement

Plan how to communicate volume levels or seating to a dinner crowd.

Patterns to Avoid

Manual Gear Audits

❌ AVOID

You spend an hour cross-referencing your equipment list against a venue's PDF contract to see if you have enough cables.

✓ INSTEAD

Let your agent do the heavy lifting. Use ``get_venue_confirmation_checklist`` to instantly spot missing gear or power mismatches.

Vague Crew Instructions

❌ AVOID

You send a group text to your technicians saying 'be ready by 4 PM' and hope everyone knows their specific job.

✓ INSTEAD

Provide clear, individual directions. Use ``generate_role_briefing`` to create specific task lists for every person on your crew.

Reactive Post-Gig Communication

❌ AVOID

You realize three days after a show that you forgot to send the invoice or thank-you note to the venue manager.

✓ INSTEAD

Stay ahead of the logistics. Use ``generate_followup_protocol`` to establish a standard wrap-up process immediately after the set ends.

The Right Fit

Connect this MCP if you manage live musical acts, touring crews, or event logistics. Do not connect it if you only handle digital music distribution or studio sessions. The deciding factor is whether you have physical gear and personnel that need to sync with a specific venue's requirements.

Live Music Coordination Engine 5 Tools

These tools handle everything from initial venue checks to final post-show follow-ups. They turn raw gig data into actionable schedules and briefings.

#	TOOL	DESCRIPTION
01	generate_coordination_plan	Builds a master timeline for your event. It turns arrival times and set durations into a structured schedule.
02	generate_followup_protocol	Creates professional closure steps. Use this to manage post-show communications and wrap-up tasks.
03	generate_audience_comms_plan	Drafts messaging for your listeners. It helps you set the right tone and expectations for the crowd.
04	generate_role_briefing	Assigns specific tasks to your team. It creates clear instructions for every contributor involved in the show.
05	get_venue_confirmation_checklist	Identifies logistical gaps. It compares your gear needs against what the venue actually provides.

See It in Action

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

- U** Generate a coordination plan for a jazz trio playing at The Blue Note. We arrive at 6 PM, the show starts at 8 PM. We have a contract with the venue and a performer agreement.



The coordination plan is ready. It includes a timeline starting with 6:00 PM arrival, soundcheck procedures, and a logistics summary detailing equipment responsibilities for the trio.

- U** What should I ask the venue manager to make sure our gear setup is covered?



Based on your equipment list and the venue terms, you should ask about power outlet locations, stage dimensions, and whether the house PA system is compatible with your specific inputs.

- U** Create a communication plan for an intimate jazz dinner performance.



To achieve an intimate atmosphere, your communication should focus on setting expectations for low volume levels and suggesting preferred seating arrangements near the performers.

Frequently Asked Questions

01 What AI clients can I use with this MCP?

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

02 Do I need to host the MCP myself?

No. Vinkius hosts and manages the MCP for you. You just connect and use it.

03 Can it help with technical gear issues?

Yes. The `get_venue_confirmation_checklist` tool helps you identify if the venue's gear matches your needs.

04 How does it handle performer agreements?

It uses the details in your agreements to build coordination plans and role briefings.

05 Is this for large festivals or small gigs?

It works for any live music event, from intimate jazz dinners to larger coordinated performances.

06 How do I create a timeline for my band's performance?

You can use the `generate_coordination_plan` tool. Provide the performance details (venue, repertoire, contributors) and the existing agreements to receive a master timeline and logistics summary.

07 Can I generate specific instructions for my drummer or sound engineer?

Yes. The `generate_role_briefing` tool creates individual instruction sets for every contributor, mapping their specific responsibilities to their required arrival windows.

08 How can I ensure the venue has everything we need?

Use the `get_venue_confirmation_checklist` tool. By providing the venue terms and your equipment requirements, the tool identifies potential gaps and generates questions for the venue manager.

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>"live-music-coordination-engine": { "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

Live Music Coordination Engine 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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LICENSE & USAGE

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