

MCP SERVER

NO CODE

CLOUD HOSTED

# Cvent MCP for AI Agents

Manage conference registrations, sessions, and venue logistics in real-time.

Cvent MCP connects your AI agent directly to Cvent's entire event management system. You can manage large conferences, check attendee lists, track sessions, and plan logistics using natural conversation. It lets you get real-time data on registrations, speakers, and venues without ever opening the Cvent portal.

**A+** Quality Score 100/100

event-planning

attendee-tracking

registration-management

conference-logistics

crm-integration

event-analytics



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Cvent MCP

10 tools available  
Cloud-hosted on Vinkius

Managing a major conference means jumping between dozens of dashboards: one for attendees, another for speakers, and yet another just to see if the right venue is available. The process is slow, and human error is always lurking.

This MCP lets your AI agent handle that entire data retrieval puzzle through plain conversation. Instead of navigating complex menus or copying IDs, you simply ask: 'Show me all active events in Q4.' Your agent accesses Cvent's core records to provide immediate answers. It handles everything from checking general account details and listing available venues to deep dives into attendee registration status.

Whether you need to quickly list the speakers for a specific event or pull a comprehensive list of attendees, your agent does it instantly. Because this MCP lives on Vinkius, you connect your preferred AI client once and gain access to Cvent's full operational dataset. You can monitor everything from registration types to scheduled sessions—all without ever leaving your chat interface.

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## Core Capabilities

### 01 — Search for Event Records

Find specific events by filtering across titles, dates, or status.

### 02 — Get Full Account Details

Retrieve basic metadata and configuration settings for your Cvent account.

Quickly list only the events that are currently running or scheduled.

### 03 — View Active Events Status

Access comprehensive details for a single, specific event.

### 04 — Get Deep Event Information

Pull the full list of attendees and their individual profiles for any given event.

### 05 — Manage Registrant Lists

List all scheduled sessions, speakers, and associated time slots for an event.

**07 — Check Venue Logistics**

Retrieve names, addresses, and details of configured event venues.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/cvent](https://vinkius.com/mcp/cvent) — connect your AI agent in three steps.

- 01** Connect the Cvent MCP to your AI client using your Cvent Client ID and Secret. This establishes a secure link for data access.
- 02** Tell your agent what you need—for example, 'List all active events.' The agent uses this tool to pull initial event records.
- 03** The agent responds with the required data (e.g., 3 active events). You then follow up by asking specific questions, like 'Who registered for the Annual Summit?' and get immediate results.

The bottom line is that you use natural language to trigger complex database queries across your entire event portfolio, getting structured data back instantly.

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## Built For

This MCP is critical for Conference Managers and Operations Leads who spend too much time context-switching between Cvent dashboards. If you frequently need an overview of multiple events—from checking registration numbers to verifying speaker details—this tool saves hours of manual effort.

### Conference Coordinator

Uses this MCP to pull attendee lists and check the status of current or upcoming conferences without logging into the main portal.

### Event Operations Manager

Manages large portfolios by listing all available venues, checking account settings, and monitoring event lifecycles across multiple locations.

### Logistics Planner

Quickly checks session schedules and speaker bios to confirm that the program agenda aligns with venue capacities and dates.

## What Changes When You Connect

- 01 Stop switching tabs. Your agent handles event oversight—from listing all past to upcoming events using `list_events`—all within one chat window.
- 02 Get instant attendee data. Need a headcount for 'Q3 Sales Kickoff'? Use `list_event_attendees` and get the full roster immediately, without manual exports.
- 03 Plan smarter with venue visibility. Instead of guessing, you can use `list_available_venues` to confirm which physical locations are set up in your account.
- 04 Build a comprehensive agenda view. You can pull both speaker information using `list_event_speakers` and the corresponding session schedule via `list_event_sessions` in one go.
- 05 Streamline planning checks. Use `search_events_by_filter` to narrow down records quickly, making it easy to find specific events by date or title.

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## Real-World Applications

### Verifying attendee counts before a keynote speech

A coordinator needs to know how many people are attending the 'Annual Global Summit' right now. They ask their agent, and it uses `list_event_attendees` to tell them there are 45 registered participants, confirming readiness for the event.

### Auditing a past conference program

Someone reviews last year's event and wants to see who spoke. The agent uses `list_event_speakers` for that specific event ID, providing all speaker names and bios instantly for review.

### Checking facility availability during a planning session

An operations manager needs to know if they can use an alternate room. The agent runs `list_available_venues` and reports back on all configured physical locations, saving the team from unnecessary manual checks.

### Finding all upcoming events across the portfolio

A team lead asks, 'What are our Q4 initiatives?' The agent uses `list_active_events` to quickly generate a list of all relevant, running events, helping them prioritize their focus.

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## Patterns to Avoid

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### Trying to manually update registration data

#### X AVOID

Copying and pasting attendee names from the Cvent dashboard into an external spreadsheet because the agent can't write back changes.

#### ✓ INSTEAD

Use your AI client in conjunction with this MCP to pull the necessary details using ``list_event_attendees``. This lets you get clean, structured data ready for export or analysis.

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### Asking for general event information without context

#### X AVOID

Just asking, 'Tell me about my events.' The agent can't tell you anything useful because it needs a specific date range or name.

#### ✓ INSTEAD

Start by calling ``list_events`` to get the names and IDs first. Then, follow up with ``get_event_details`` for the specific event ID you care about.

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### Mixing venue data with attendee lists

#### X AVOID

Asking, 'How many people fit in the main hall?' The agent can't answer because it needs to know which event and which specific venue are being discussed.

#### ✓ INSTEAD

First run ``list_available_venues`` to confirm the location name. Then use that context when asking for registration details related to a single, identified event.

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## The Right Fit

Use this MCP if your primary pain point is retrieving complex, multi-faceted data from Cvent's system without needing to log in or navigate menus. For instance, you need to compare speaker lists with venue capacities, or pull a list of all active events and then deep dive into the attendees for each one. Don't use this if your goal is to *change* event settings (like updating an attendee's name) — this MCP focuses on reading data, not writing it. If you just need to create basic records, look for a dedicated write-back tool; otherwise, stick with Cvent's native platform.

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## Cvent MCP and Event Planning: Managing Conference Registration Data

Today, checking on event status means jumping between the 'Events' tab to see if a conference is active, then going into the specific event details to find the registration count. If you need speaker bios or venue capacity numbers, you have to run multiple reports and copy/paste everything into a single document for your team.

With this MCP, that manual cross-referencing disappears. You simply ask your agent to pull all necessary data points—from running events via `list_active_events` to the full attendee list via `list_event_attendees`. The AI client compiles it instantly into one conversational response.

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## Cvent MCP and Logistics: Tracking Venue and Session Details

Planning a multi-day conference requires checking three things manually: Are the sessions scheduled? Is there enough room for them? And is that venue even configured in Cvent? You spend time cross-referencing session IDs with available venues, often finding discrepancies.

Now you can ask your agent to list both event sessions using `list_event_sessions` and simultaneously check what facilities are available via `list_available_venues`. The difference is immediate: you get a holistic view of the entire operational plan in one place.

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# Cvent MCP: 10 Tools for Event Management Data Retrieval

Use these tools to query everything from account settings and available venues to specific attendee rosters across your entire event portfolio.

#	TOOL	DESCRIPTION
01	<code>get_account_details</code>	Retrieves essential metadata about your overall Cvent account configuration.
02	<code>get_event_details</code>	Pulls detailed information, including capacity and status, for one specific event.
03	<code>list_active_events</code>	Generates a list containing only the events that are currently running or scheduled to run soon.
04	<code>list_event_attendees</code>	Gathers and displays all registered participant records for a specified event.
05	<code>list_events</code>	Provides a complete listing of every event ID, title, and date range in your account.
06	<code>list_registration_types</code>	Shows all the different ticket or registration options available for an event, along with their pricing details.
07	<code>list_event_sessions</code>	Retrieves a complete schedule of sessions, including titles and time slots for a given event.
08	<code>list_event_speakers</code>	Lists the names and biographies of all speakers associated with an event.
09	<code>list_available_venues</code>	Retrieves details, including name and address, for every venue configured in your account.
10	<code>search_events_by_filter</code>	Searches across all event records using custom text filters to narrow down results.

# See It in Action

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

- U** List all active events for Q3 and tell me how many people signed up for each.



## Active Events Report

EVENT NAME	ID	STATUS
Annual Global Summit	12345	Active
Q3 Sales Kickoff	67890	Active

- Annual Global Summit: **45** registered attendees.
- Q3 Sales Kickoff: **92** registered attendees.

- U** I need to know the main speakers and venues for the Product Launch event.



## Product Launch Event Details (ID: 12345)

### Speakers Confirmed:

- Dr. Aris Thorne (Topic: AI Ethics)
- Sarah Jenkins (Topic: Market Trends)

### Venues Available:

- Grand Ballroom (Capacity: 800)
- Executive Meeting Room A (Capacity: 25)

## U What registration options do I have for the next Global Summit?



### Registration Types for Annual Global Summit

The following types are available:

1. **Full Access Pass:** \$999 (Includes all sessions and venue access.)
2. **Workshop Only:** \$299 (Limited to hands-on training modules.)
3. **Virtual Attendee:** \$49 (Access via streamed content only.)

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## Frequently Asked Questions

### 01 How does the Cvent MCP help me manage conference attendees?

It allows your agent to pull real-time attendee lists for any event you name. You don't have to export CSVs; you just ask, and it delivers the full roster right away. This makes checking registration status incredibly fast.

### 02 Can I use the Cvent MCP to plan my conference logistics?

Yes. You can easily list all available venues using this MCP. It also lets you pull session schedules and speaker details, giving you a complete picture of your event's physical requirements.

### 03 What if I need to check multiple events quickly?

You can first use the general listing tools to get all active events. Then, your agent lets you drill down by asking specific questions about each one in sequence, saving time compared to manually opening every event page.

### 04 Does connecting Cvent MCP mean I can update attendee records?

No, this MCP focuses on reading data. You can pull lists of attendees and check details, but you'll need the native Cvent interface to make any changes or updates.

### 05 Is the Cvent MCP good for small meetings as well?







While it handles large conferences perfectly, it works for smaller events too. You can still pull venue details and attendee lists using the same tools you use for massive summits.

# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"cvent": { "url": "..." }</code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# Cvent 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](https://cloud.vinkius.com) →

[vinkius.com](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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