MCP SERVER | NO CODE | CLOUD HOSTED

Keen MCP

Analyze event streams and metrics with conversation.

Keen MCP connects your AI agent directly to event streams and analytics data. Instead of building complex dashboards or writing SQL, you talk to the system and get metrics back instantly. Use this MCP to record custom events, count total actions, calculate averages, and pull specific business insights from all your application activity.

A+ Quality Score 100/100

event-streaming | data-aggregation | analytics-api | real-time-data | business-intelligence

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vinkius.com/mcp/keen

SCAN TO VIEW

The infrastructure that powers AI agents in the real world.

Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

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.

Keen MCP

10 tools available
Cloud-hosted on Vinkius

Need to understand what's happening inside your app without pulling up a dozen different dashboard tabs? This MCP lets you do that using nothing but natural conversation. You connect it through Vinkius and give your AI client access to all your event data, treating it like a live chat window for business intelligence. It’s built to handle everything from basic activity tracking—sending custom records the second they happen—to deep dives into performance metrics. Your agent can count total users who completed a step, calculate the average purchase value across different regions, or find out how many unique product IDs were viewed last month. This turns complicated data analysis into simple prompts.

Core Capabilities

01 — Track and send custom events

Send specific records detailing user actions (like clicks or purchases) to designated collections.

02 — Calculate event totals and unique counts

Determine the total number of events that occurred, or how many distinct values exist for any given property.

03 — Compute average and sum metrics

Run calculations to find the arithmetic average or the total sum of numeric properties across your event data.

04 — View project metadata

Retrieve configuration details, list all existing collections, and see saved queries within your Keen project.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/keen** — connect your AI agent in three steps.

01 First, subscribe to this MCP and provide your unique Keen Project ID and Master Key.

02 Next, connect your AI agent via any compatible client. Your agent now has access to all the event data tools.

03 Finally, ask your agent a question like, 'What was the average order value last week?' and it runs the query for you.

The bottom line is that you get immediate answers about your application's performance without ever touching a database console or writing complex code.

Built For

This MCP is essential for product managers, data analysts, and developers who spend too much time manually querying databases just to answer simple business questions. It lets you get insight into user behavior immediately.

Product Analyst

They use this to run ad-hoc metrics on user funnels—like finding the total count of users who viewed a product page but didn't add it to their cart.

Data Engineer

They test new data streams and verify collection schemas instantly using natural language prompts, speeding up debugging cycles.

Business Intelligence Manager

They pull reports on key performance indicators (KPIs), such as calculating the average revenue per user or summing total daily transactions.

What Changes When You Connect

01 Stop writing boilerplate SQL queries. Instead, ask your agent for the `sum_property` of revenue last quarter; it runs the calculation instantly, giving you immediate answers without code.

02 Never get lost in dashboards again. You can use this MCP to first run a `list_collections` command and see exactly what data streams are available before asking any questions.

03 Quickly verify your app's status by using `record_event`. This lets you test if custom event logging is working correctly without needing a dedicated development environment.

04 Get deep insights into user behavior. Running `select_unique` shows you every unique value for a property, letting you understand data distribution beyond just counts.

05 It saves time by automating the discovery phase. You can use `list_saved_queries` to see what analysis has already been done and reuse those results instead of starting from scratch.

Real-World Applications

Debugging a new feature launch

A developer needs to confirm that the 'checkout' funnel is logging events correctly. They ask their agent to run `record_event` with mock data, and then immediately use `count_events` on the collection to verify the entry exists.

Quarterly business review prep

A BI Manager needs total revenue figures. They prompt their agent for the `sum_property` of the 'price' field, getting a precise number without ever opening the backend database console.

Identifying user bottlenecks

A Product Analyst wants to see if users are viewing specific product types. They ask their agent to use `count_unique` on the 'product_category' property, immediately spotting an underutilized category.

Checking project health and scope

A CTO needs a quick overview of data assets. They prompt for `get_project_details`, instantly seeing the overall status and metadata of every integrated system.

Patterns to Avoid

Guessing the right metric to query

✗ AVOID

Trying to run a complex calculation without knowing if the data is properly structured or what properties exist. This often leads to vague error messages and wasted time.

✓ INSTEAD

Before querying, first use `list_collections` to see all available streams, then check `get_project_details` for metadata, narrowing your scope before asking for sums or averages.

Assuming data integrity

✗ AVOID

Running a count and assuming every row is valid. Sometimes, you only need to know how many *distinct* records exist.

✓ INSTEAD

If you're counting users or IDs, use `count_unique` instead of just running `count_events`. This gives you the true number of unique entities.

Manual data aggregation

✗ AVOID

Downloading CSV dumps and spending hours in Excel calculating totals and averages. The data is stale by the time you finish.

✓ INSTEAD

Ask your agent to run `sum_property` or `average_property` directly through the MCP. You get real-time, accurate numbers instantly.

The Right Fit

Use this MCP if your core problem is transforming raw event data into measurable business insights without writing code. If you need to know 'how many,' 'what's average,' or 'what's the total sum,' this tool works. Don't use it, though, if all you need is a simple list of names; for that, basic search tools might be enough. You also shouldn't rely on it for complex data transformations (like joining three separate tables). This MCP is designed to read and analyze what already exists in your event streams using `count_events`, `sum_property`, or `average_property`. If you need full SQL control, use a dedicated database connector; otherwise, this gives you the power of analytics via conversation.

The Dashboard Fatigue

Today, checking your app's health means opening five different dashboards: one for signups, one for purchases, one for views, and three more just to cross-reference user IDs. You end up copy-pasting numbers between sheets, hoping none of the metrics are based on slightly different data cuts.

With this MCP, you stop clicking through tabs. Instead, your agent talks directly to the source. Ask it what the total count of successful signups was and the average purchase value for that group—it gives both answers in one go.

Keen MCP: Real-Time Analytics

You no longer need to wait until the end of the week to get a report. The moment an event happens, you can use `record_event` to log it and then immediately use tools like `count_events` or `sum_property` to see the impact in real time.

The difference is that your insights are live, immediate, and conversational. Your agent gives you actionable answers, not just pretty graphs.

Keen: 10 Data Aggregation Tools

These ten tools allow your AI agent to track user behavior, count events, and perform complex mathematical calculations on event data streams.

#	TOOL	DESCRIPTION
01	`average_property`	Calculates the mathematical average of a specified numeric property across events.
02	`list_collections`	Retrieves a list of all event data collections available in your project.
03	`count_events`	Returns the total number of events recorded within a specific collection.
04	`count_unique`	Counts how many distinct, non-repeating values exist for a chosen property.
05	`list_datasets`	Displays all cached datasets that have been saved or generated within your project.
06	`get_project_details`	Retrieves comprehensive metadata and configuration details for the entire Keen project.
07	`record_event`	Sends a custom event payload to a specified collection, logging user actions immediately.
08	`list_saved_queries`	Shows all previously saved analytical queries you can reference by name.
09	`select_unique`	Lists all unique values found for a specific property, helping understand data distribution.
10	`sum_property`	Calculates the total sum of numeric values associated with a chosen property.

See It in Action

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

U Record a 'purchase' event with price 99.99 and user 'user_123' in Keen.

I've recorded the 'purchase' event to your Keen project. The data has been successfully sent to the 'purchase' collection.

U What is the total count of 'page_view' events?

I've run the query. There are a total of 15,432 events in your 'page_view' collection.

U Show me all saved queries in my project.

I found 8 saved queries, including 'Daily-Revenue-Summary', 'User-Retention-Analysis', and 'Checkout-Conversion-Funnel'.

Frequently Asked Questions

01 **How do I start tracking new user actions with Keen MCP?**

You use the `record_event` tool. You tell your agent what data to send—like a 'login' event and the associated user ID—and it writes that record directly to the correct collection.

02 **Can I calculate revenue totals using Keen MCP?**

Yes, you use `sum_property`. You simply ask your agent for the sum of a property like 'price' across all relevant events. It handles the aggregation automatically.

03 **What is the difference between count_events and count_unique in Keen MCP?**

The `count_events` tool tells you how many total actions happened; `count_unique` tells you how many distinct values exist for a specific field, like unique user IDs.

04 **Does Keen MCP help me see what data I already have?**

Absolutely. You can use `list_collections` to see every stream of events, and `list_saved_queries` shows you all the existing reports available for reuse.

05 **Is Keen MCP only for analyzing purchases?**

No. It's designed for any event data. You can use it to track anything from 'page views' to 'support ticket submissions', making it versatile for any app type.

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 `"keen": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Keen 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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