MCP SERVER | NO CODE | CLOUD HOSTED

ThinkingData MCP

Audit user behavior and analyze game funnels.

ThinkingData / 数数科技 MCP connects your AI agent directly to a major gaming analytics platform. It lets you audit complex user behavior, query event data across massive datasets, and manage player profiles without ever touching a dashboard or writing SQL. Turn deep-dive data analysis—like tracking retention funnels or auditing live-ops events—into simple conversation with your agent.

A+ Quality Score 100/100

behavioral-analytics | event-tracking | user-profiling | cohort-analysis | gaming-insights | data-querying

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vinkius.com/mcp/thinkingdata

SCAN TO VIEW

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.

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.

ThinkingData / 数数科技 MCP

8 tools available
Cloud-hosted on Vinkius

ThinkingData gives your AI agent the power to run complex analytics queries normally reserved for dedicated data teams. You stop navigating confusing dashboards and start talking to your data. Your agent can instantly pull project metadata, list all defined events in a game, or execute behavioral queries that map out exactly how players are moving through your app. If you're running a player retention audit, the agent pulls the necessary event sequences; if you need to track custom actions for testing, it handles those data inputs too. This means coordinating live-ops refreshes or understanding user funnels becomes a natural conversation. With Vinkius, connecting ThinkingData is straightforward, giving your AI client access to professional-grade insights from one single source.

Core Capabilities

01 — Get project overviews

Retrieve a high-level summary of the entire data project configuration.

02 — List all defined events

See metadata for every event that has been tracked within your gaming project.

03 — Execute deep behavioral queries

Run complex analytical queries against the collected event data to understand user funnels and actions.

04 — Check specific user profiles

Pull current attributes from a defined user ID, allowing you to audit accounts.

05 — Update user properties

Modify or set new data points on an existing user's profile for testing or correction.

06 — Track custom events

Send a single, specialized event to the platform when you need rapid testing or data input.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and enter your required credentials: TA Project APPID, Data Token, Query Secret, and API URL.

02 Connect your preferred AI client (like Cursor or Claude).

03 Ask your agent a question like, 'Show me the user journey for players who bought Item X,' and get accurate results instantly.

The bottom line is you stop writing data queries and start asking questions in plain English.

Built For

Game Data Analysts, Live-Ops Managers, and Developers need this. If your job involves figuring out why player engagement dropped last week or validating a new feature's impact before launch, you'll use this MCP.

Game Data Analyst

Runs complex queries on event data to find conversion drop-offs and identify patterns in user behavior.

Live-Ops Manager

Monitors real-time player metrics, verifying that new seasonal events or feature rollouts are correctly tracked across all users.

Game Developer

Integrates professional analytics into development workflows, using the agent to test data ingestion and profile updates before merging code.

What Changes When You Connect

01 Analyze complex player flows without writing SQL. Instead of building a query, you simply ask your agent to 'Show me the path from login to purchase,' letting the `query_events` tool handle the heavy lifting.

02 Keep track of custom data changes easily. If you need to test how a new feature affects user profile data, use the `track_custom_event` or `set_user_properties` tools directly through your conversation.

03 Get immediate status checks. Don't waste time opening dashboards; ask for an overview using `get_project_summary` to confirm which events and cohorts are active before starting a deep dive.

04 Understand user groupings instantly. Instead of running multiple reports, use the agent to list defined user groups with `list_project_cohorts`, giving you immediate segmentation data.

05 Audit specific users fast. Need to verify if 'USER_123' has the correct attributes? Use the `query_users` tool to pull their profile details in seconds.

Real-World Applications

Investigating a sudden drop in engagement

A Live-Ops Manager notices purchases are down. They ask their agent, 'What events happened between login and purchase?' The agent uses `query_events` to pull the exact sequence data, showing that players are dropping off at the tutorial completion screen.

Validating a new feature's impact

A Developer needs to test if a new onboarding step is being tracked correctly. They use `track_custom_event` via their agent, simulating 10 user completions and confirming the data appears instantly for review.

Auditing an influential user account

A Data Analyst suspects a key tester's profile is corrupted. They ask the agent to check the profile using `query_users`, immediately seeing that attributes like 'total level' are missing, and they can use `set_user_properties` to fix it.

Comparing different player groups

A Product Manager wants to know if VIP users behave differently than new users. They ask the agent to list user cohorts via `list_project_cohorts` and then run comparative queries on each group.

Patterns to Avoid

Using complex SQL for simple reads

✗ AVOID

The analyst spends an hour writing a massive SELECT statement in the database client just to see if two specific events happened together.

✓ INSTEAD

Instead, ask your agent directly: 'Show me all users who performed Event A followed by Event B within 24 hours.' This uses `query_events` and gets you the result in plain language.

Forgetting to check project scope

✗ AVOID

The developer runs a query, but doesn't know if the data is for staging or production, leading to bad reports.

✓ INSTEAD

Always start by asking the agent to run `get_project_summary`. This confirms which environment and event schemas are active before you write any queries.

Manually updating user records

✗ AVOID

The team member has to log into a separate UI dashboard, find the specific ID, and click through multiple forms to update attributes.

✓ INSTEAD

Tell your agent: 'Update user USER_XYZ's property for 'last login date' to today.' This executes `set_user_properties` cleanly via conversation.

The Right Fit

Use this MCP if your primary workflow is generating insights from massive, structured event and user data. If you need to understand *why* players are doing things—the sequence, the path, the cohort difference—this is what you need. Don't use it if you just need simple CRUD operations on unstructured text or documents; use a general document processing MCP for that instead. Also, don't use this if your data isn't already centralized in an event tracking system; you must connect to a dedicated analytics platform first. If you only ever want to list basic user names without querying their actions, a simple database lookup tool might suffice, but ThinkingData gives you the behavioral depth.

The Data Audit Drag: Why Dashboards Are Failing You

Right now, auditing player behavior is a nightmare of tabs. You open your main dashboard, run one report to check logins, then you have to export that CSV and upload it into a separate system to cross-reference purchases. To see if two events happened in sequence, you're writing complex SQL joins across three different tables just to get a simple answer.

With this MCP, the process is conversationally simple. You tell your agent what you need—for example, 'Show me all users who logged in but never bought anything.' The agent handles the multi-step query execution and returns a clean, summarized list of IDs right where you're working.

ThinkingData / 数数科技 MCP: Insights via Conversation

You eliminate the need to copy data from one dashboard into another. No more switching between SQL editors and reporting UIs; you get a single, consistent view of project metadata by running `list_defined_events` or getting an immediate status check with `get_project_summary`.

Your AI agent becomes your dedicated data coordinator. It connects all the dots—from listing user groups to querying specific events—so you just focus on the insight itself, not the plumbing.

ThinkingData / 数数科技: 8 Analytics Tools

These tools give you granular control over every aspect of your data analytics stack, allowing your agent to perform everything from summarizing projects to tracking custom user actions.

#	TOOL	DESCRIPTION
01	`get_event_properties`	Retrieves specific property details for a given event.
02	`get_project_summary`	Provides an overall status and summary of the current data project setup.
03	`list_defined_events`	Retrieves a list of all event types tracked by the system.
04	`list_project_cohorts`	Lists predefined groups or cohorts of users for analysis.
05	`query_events`	Runs a comprehensive query against historical event data to analyze user activity.
06	`query_users`	Executes a targeted query on specific user accounts to check their current status and attributes.
07	`set_user_properties`	Updates or changes profile data for a specified distinct user ID.
08	`track_custom_event`	Sends a single, standalone event to the analytics platform for rapid testing purposes.

See It in Action

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

U Show me a summary of our ThinkingData project configuration.

I've retrieved the project summary. Your project 'Global_Quest_01' is currently active on the China-East data center. There are 45 unique events defined and 12 active cohorts. Would you like me to list the most frequent events?

U List all defined events in ThinkingData.

I've retrieved the event metadata. You have events like 'UserLogin', 'LevelUp', 'PurchaseStart', and 'TutorialComplete'. Should I show you the properties associated with the 'PurchaseStart' event?

U Check the profile for user 'USER_88210934'.

I've queried the user profile. USER_88210934 has a total level of 42, last logged in 2 hours ago, and belongs to the 'VIP_Gold' cohort. Would you like me to update any of their properties?

Frequently Asked Questions

01 **How do I check my project status using ThinkingData / 数数科技 MCP?**

Run `get_project_summary` to get an immediate overview of your entire data project. This confirms the active data center, number of events, and overall connectivity health.

02 **Can I find out what behavioral patterns happened in my game?**

Yes. Use `query_events` with natural language prompts to execute complex queries against historical activity data, mapping out player funnels and drop-off points.

03 **How do I update a user's profile using ThinkingData / 数数科技 MCP?**

You use the `set_user_properties` tool. You just tell your agent which distinct ID needs updating and what new attribute value it should receive.

04 **What is the difference between listing events and querying them?**

Listing events (`list_defined_events`) only gives you the names and schemas of available event types. Querying events (`query_events`) actually runs a deep query to find data instances based on those defined events.

05 **Does ThinkingData / 数数科技 MCP help with cohort analysis?**

Yes, you can list predefined user groups using `list_project_cohorts` and then use the agent to run comparative queries across different segments of users.

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 `"thinkingdata": { "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

ThinkingData / 数数科技 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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