

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

Aggregate Score Calculator MCP

Get instant tiebreak results for two-legged football matches.

Aggregate Score Calculator handles the math for two-legged football ties. It determines aggregate winners, identifies if a match is level, and flags when extra time or penalty shootouts are required. Your AI client uses these tools to process match scores and provide immediate tiebreak status.

A+ Quality Score 100/100

football

soccer

aggregate

tiebreak

sports-stats



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.

Aggregate Score Calculator MCP

4 tools available

Cloud-hosted on Vinkius

If you track two-legged football ties, you know how quickly things get complicated when scores are level. This MCP takes the guesswork out of aggregate math. You can feed match scores into your AI client, and it will immediately tell you who won the tie or if the match is heading toward extra time or a penalty shootout. It handles the logic for total goals and tiebreak necessity so you don't have to manually track every leg. Whether you are analyzing tournament progression or just keeping up with a specific cup competition, this tool gives your agent the specific logic needed to interpret two-legged results accurately.

Core Capabilities

01 — Aggregate Winner Identification

Your agent uses this to find the winner based on total goals across two legs.

02 — Tiebreak Logic

The AI determines if a match needs extra time or a shootout.

03 — Team Performance Summaries

Your agent generates a simplified view of one team's scoring across the tie.

04 — Shootout Validation

The tool checks if a tie is ready for a penalty shootout.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/aggregate-score-calculator — connect your AI agent in three steps.

- 01 Connect the MCP to your client like Claude or Cursor via Vinkius.
- 02 Provide the scores from the first and second legs to your agent.
- 03 The agent calls the necessary tools to process the aggregate math.
- 04 You receive the winner, total goals, or tiebreak requirements instantly.

Connecting this MCP to your AI client gives your agent immediate access to football tiebreak logic.

Built For

This MCP is built for people who analyze or report on tournament football. It handles the technical tiebreak math so you can focus on the match analysis.

Football Analysts

They hand off raw leg scores to the AI to get instant aggregate winners.

Sports Journalists

They use it to quickly verify tiebreak status during live match coverage.

Data Enthusiasts

They use the tool to process tournament progression data.

What Changes When You Connect

- 01 Eliminates manual math errors in aggregate scoring.
- 02 Provides instant clarity on tiebreak requirements.
- 03 Automates the identification of penalty shootout eligibility.

Real-World Applications

Tournament Tracking

Use the tool to track how teams progress through knockout stages in cup competitions.

Statistical Analysis

Summarize how a specific team performed across a two-legged series.

Live Match Reporting

Check if a tie is heading to extra time immediately after the second leg ends.

Tiebreak Verification

Confirm if a penalty shootout is the correct next step after extra time concludes.

Patterns to Avoid

Manual Aggregate Calculation

❌ AVOID

You try to manually add up scores from both legs in your prompt and ask the AI to guess the winner. This leads to math errors when ties are close.

✓ INSTEAD

Feed the raw scores directly into ``calculate_tie_result`` to get an accurate winner and tiebreak status immediately.

Guessing Shootout Status

❌ AVOID

You assume a tie is heading to penalties because the score is level, without checking the specific tournament rules.

✓ INSTEAD

Use ``check_shootout_eligibility`` to confirm if a penalty shootout is actually the next logical step.

Vague Performance Reviews

❌ AVOID

You ask your agent to describe how a team did without providing specific scoring data from both legs.

✓ INSTEAD

Run ``get_team_aggregate_summary`` to get a focused breakdown of a single team's performance across the tie.

The Right Fit

Connect this MCP if you report on or analyze knockout football tournaments. If you only care about single-match results, you don't

need this. The decision rests on whether you need to automate tiebreak logic for two-legged series.

4 Tools for Aggregate Score Calculation

These tools handle the math for two-legged ties, determining winners and identifying when a match moves to extra time or penalties.

#	TOOL	DESCRIPTION
01	calculate_tie_result	This tool calculates the total goals and identifies the winner of a two-legged tie. It also flags if the result requires further tiebreak procedures.
02	check_shootout_eligibility	This tool checks if a tie has reached the specific state where a penalty shootout is the next logical step.
03	evaluate_tiebreak_necessity	This tool determines if a tie needs extra time or penalties based on the current aggregate scores.
04	get_team_aggregate_summary	This tool provides a focused summary of a single team's performance across both legs of a tie.

See It in Action

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

U Team One scored 2 in the first leg and 1 in the second. Team Two scored 1 in the first leg and 1 in the second. What is the result?



Team One is the aggregate winner with 3 total goals compared to Team Two's 2 total goals.

U The aggregate score is 2-2 after both legs. Has extra time been played?



If extra time has not been played, the next step is Extra Time. If extra time has been played, the next step is a Penalty Shootout.

U Team One has 3 goals total and Team Two has 3 goals total. They just finished extra time. What happens next?



The tie is level and the required next step is a Penalty Shootout.

Frequently Asked Questions

01 How do I use this MCP with Claude?

You connect to the MCP through the Vinkius platform. Once connected, your Claude client can call the tools directly to calculate scores.

02 Can this tool handle penalty shootouts?

Yes. The tool identifies if a tie is in a state where a penalty shootout is the logical next step.

03 Does it work for single leg matches?

No. This MCP is specifically designed for two-legged ties and aggregate scoring.

04 What happens if the aggregate score is tied?

The tool evaluates the necessity of extra time or a penalty shootout based on the current score and match status.

05 Do I need to host this myself?

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

06 How does the tool handle penalty shootouts?

The tool treats penalty shootout results separately. Shootout goals are used to identify the winner but are not added to the aggregate goal count.

07 Can I check if a match needs extra time?

Yes, you can use ``evaluate_tiebreak_necessity`` to determine if the current aggregate score requires extra time or a penalty shootout.

08 What information is returned for a tie result?

The ``calculate_tie_result`` tool returns total goals for both teams, the aggregate winner, the tie status, and the required next tiebreak procedure.

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>"aggregate-score-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

Aggregate Score 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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DOCUMENT INFORMATION

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

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