



International gambling operator manages **350k** betting transactions per second with **KX**

Gambling Exchange
Architect

“Within 5 hours of us bringing our transaction core online in KX we had detected and were able to stop a network of accounts that were being used for fraudulent activity.”

Organization:
International Sports Betting and Gaming Operator
Geography: **Global**
Industry: **Media & Entertainment**
Employees: **7,000+**

Established in 2016 as the world's largest online betting and gambling business, the company operates globally across five various sports betting and gaming brands. They are the most accurate and complete supplier of crowd-sourced sports pricing, serving 5 million customers worldwide.”



While other vendors proposed 70 CPU cores to ingest our volume of data, KX can ingest it in less than 1 CPU core



INTERNATIONAL SPORTS BETTING AND GAMING OPERATOR

THE CHALLENGE

This international sports betting and gaming operator manages betting exchanges globally, requiring the ingesting and analysis of large volumes of data in real-time. They generate 350k market reads per second regularly. During peak periods, tens of thousands of bet transactions were processed per second. Daily transactions surpass all the financial exchanges combined. As the dominant supplier of market prices to people, it is no surprise that not everyone acts in good faith. Hackers worldwide would frequently attempt to steal data for fun and profit. Yet, inefficiencies in how data was ingested and analyzed gave minimal visibility to capture fraudulent transactions in real-time.

WHY KX

Due to the nature of the business, it must manage large volumes of data very quickly. When large events such as a Grand National occurs, the accuracy of streaming real-time data is mission-critical. At times like this, the company handles 130 megabytes per second of compressed streaming price data to be used by its customer base. They needed a streaming analytics solution that could efficiently ingest data and process these large volumes of data in real-time. After comparing performance results against other vendors, KX was a clear choice.

➤ Production time-to-value in 6 weeks

THE BENEFITS



Accurate real-time data capture **with Streaming API**



Less infrastructure while processing, more data



Ability to **scale applications seamlessly**



Manages more transactions than financial exchanges