Quadratek

Case Study:

Sub-second data processing

Customer:

Angstrom Sports

Overview

Angstrom Sports is a specialist in US sports forecasting and analytics. Based in London, the business offers pricing solutions such as player level and play-by-play simulators to produce accurate lines and facilitate zero latency in-play pricing.

Clients in the betting industry rely on Angstrom Sports for its coverage across major US sports tournaments. These in include Major League Baseball, National Basketball Association, National Football League, National Hockey League and more.

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Our challenge

Sports betting is a highly competitive market. Speed is a precious commodity. So, when Angstrom Sports embraced sub-second processing of data analysis on real time sporting events, it needed expert help to source appropriate servers. Quadratek provided the necessary support and expertise.

What we did

First all, we spent time getting to fully understand Angstrom Sports' challenges and exacting technical requirements. Then, with its needs mapped out, we optimised a specification for Dell PowerEdge C6420 class servers. Featuring two second generation Intel® Xeon® scalable Gold 6142 16x core CPUs, these would deliver 2.6GHz of processing power per server.

As well as satisfying Angstrom Sports' performance needs, we ensured our recommendation would also fall within its budget.

"Quadratek were hugely helpful in the execution of our sub-second latency project"

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The results

With our recommended hardware more than meeting Angstrom Sports' technical and budgetary needs, we have now delivered more than eighteen 16x core 2.6GHz cores of processing power.

We stress tested every server prior to delivery to Angstrom Sports' data centre and, as part of our service, created an inventory of spare parts

What the client said

"Quadratek were hugely helpful in the execution of our sub-second latency project. They provided solid advice and pointers on how to get the most compute with the least power consumption for our budget. All hardware was delivered, built and tested ready for OS install very quickly. We've been very impressed with the performance and compute capacity we've gained.

The Quadratek team were responsive and helpful. We'll certainly be doing business with them again as our infrastructure requirements grow."

Robert Darby, Head of Infrastructure