Pythian Client Case Study

PYTHIAN HELPS FOX SPORTS ELIMINATE TIME-SENSITIVE DELAYS.

Fox Sports Fantasy Football and other related games are some of the world’s most played sports pool games. On game day, site traffic can reach over 40,000 requests per second. The games give sports fans the opportunity to create their own leagues and manage their own teams based on the real-world performance of the players.

BUSINESS NEED

With game day web requests exceeding 40,000 per second, response times for Fox Sports fantasy games are critical to user experience. Increasingly slow response times required immediate attention.

SOLUTION

Pythian reviewed the application business logic and recommended application modifications.

RESULT

Reduced response times from 1 minute to 1 second greatly improving customer experience.
SOLUTION
FoxSports asked Pythian to review the entire Player Page module from a high level, and then drill down to the details to determine how to improve performance. This holistic approach gave Pythian the ability to review the application business logic, which helped them understand the application, database, web client relationship, and performance criteria. Based on the review, Pythian recommended application modifications so that end-user server statistics were processed in the Oracle database server instead of the web client. Pythian then gathered all of the business logic and worked with the developers to modify the Java UI and PL/SQL database code.

RESULT
FoxSports Fantasy Football response times for the Player Page dropped from over one minute for the initial load to below one second. Java UI code was greatly simplified since much of the logic was removed. All sorting and other business requirements were rolled into a single database SQL call. Once the modifications were complete, previous delays were resolved, greatly improving end-user experience.

ABOUT PYTHIAN
Pythian is a global leader in data consulting and managed services. Since 1997, we have specialized in planning, deploying, and managing business-critical data systems for large and mid-market enterprises. Learn more about Pythian and its elite teams of data experts at www.pythian.com.