

Performance Engineering for E-Commerce Platform



ABOUT THE CLIENT

Leading membership club retailer serving 47M+ members across the US, Brazil, China, and Mexico with merchandise covering jewellery, designer goods, sunglasses, crystal and collectibles, electronics, floral, apparel, and food and meats. Members save an average of 34% over traditional retailers.

BUSINESS CHALLENGE

The retailer was struggling to meet the forecasts set for the holiday season. Multiple attempts at improving performance in preparation for peak demand had failed. The retailers was able to meet only 30% of the forecast.

LITMUS7 APPROACH

Litmus7 stepped in with just four months to go for the upcoming holiday season. We therefore had to develop a program plan to accomplish business expectations on a strict time line.

Litmus7's own performance analysis tool was used to zero in on core code areas for improvement. Using the insights surfaced by the tool, necessary design changes were made quickly. The new design enabled the platform to achieve 7X more order per minute than what was forecasted.

Our proprietary performance monitoring tool synced with various system logs to raise alerts in the case of variances in performance test. The tool reduce the time taken to locate the real problem areas.

Based on the results, we investigated the application bottlenecks and guided the team on necessary corrections for quick results.

Litmus7 entrusted as the most valuable technology advisor for the retailer

Working with us, retailer achieved

Improvement in
order throughput

7X