

# Testhouse

Simulating real world conditions, Micro Focus LoadRunner Cloud conducts performance testing with 100,000 geographically distributed concurrent users.

### Who is Testhouse?

Testhouse is a pure-play Quality Assurance (QA), software testing, and DevOps company. Founded in 2000, Testhouse helps businesses across the globe deliver great user experience through innovative QA solutions and a unique off-site, on-site, and offshore delivery model. The company's highly customizable software testing and quality assurance solutions ensure the shortest turnaround times to improve business efficiencies and return on investment.

### Requirement to Load Test 100,000+ Users

A long-standing partnership with a leading solutions and technology consultant in Qatar led to Testhouse receiving an urgent inquiry to support one of their clients. The client is an investment and capital markets firm serving over

**"Performance testing with LoadRunner Cloud helped our client improve their end-user experience, optimize system performance, and reduce operating costs significantly."**

#### SHIVARAM PATIL

Head of Digital and Cloud QA Services  
Testhouse

400,000 investors and managing a portfolio exceeding \$27 billion. Much of its business is conducted online and the firm had seen the performance of its key web and mobile applications degrade over time. In partnership with the Qatari technology consultancy it was agreed that a performance test of 100,000 geographically distributed users would be performed, to ensure the brokerage, stock exchange, and capital market applications could manage these numbers sufficiently. An initial test was done with a load testing tool the investment firm was familiar with, but unfortunately it could not scale beyond 50,000 users, so the results were not reliable.

Having worked successfully with Testhouse before, the Qatari technology organization contacted them as their quality assurance partner, to load test the relevant applications again with a different tool. Shalu Niyad, Assistant Vice President—Sales at Testhouse, explains: "Our partnership provides access to a great talent pool and in the past we have demonstrated our ability to mobilize resources quickly and efficiently to meet challenges head-on. We recommended a goal of 100,000 concurrent end users in the performance test, with each user opening four sessions to create a total of 400,000 concurrent sessions. Full system throughput monitoring ensured the application responded as expected. One of the key



### At a Glance

- **Industry**  
Technology
- **Location**  
United Kingdom
- **Challenge**  
Support a valued partner and their client with a performance testing solution, to load test up to 100,000 users on key mobile and web applications
- **Products and Services**  
Micro Focus LoadRunner Cloud
- **Critical Success Factors**
  - + Cloud-based load test environment prepared within 3 days
  - + 100,000 geographically distributed concurrent users stress tested without business interruption
  - + Detailed reporting and metrics for all stakeholders
  - + Increased system performance and application efficiency