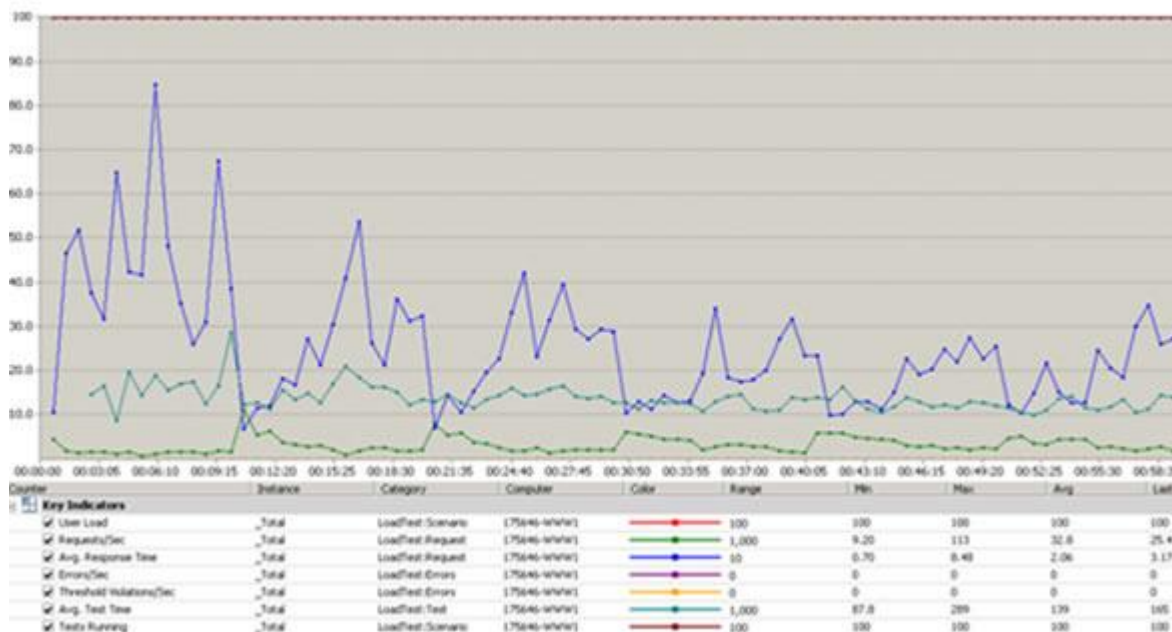


Performance Testing

NMQA have completed a number of high profile performance testing engagements. Our recent works include the **London Marathon**, the **R&A Open Golf Championships** and the **European Football Championships** websites. Our performance testing service is capable of simulating thousands of users interacting with your website in any number of ways utilising the latest Microsoft™ Technologies.



Our Testing Centre of Excellence provides the performance testing service as part of an engagement or as an on demand service for customers seeking the most cost effective and professional performance testing service in the market today.



We cater for all kinds of performance testing from pre defined user journeys, with specific user concurrency to explorative stress testing.

We provide a number of performance testing types as part of our service:

Response Time Benchmarking

No load will be placed on the Servers and the core user response time metrics captured. The average score of a large sample will be utilised to benchmark response times for other test scenarios.

KPI Testing

The objective of this testing will be to establish the requests/sec that the servers can handle whilst keeping response times suitable for key actions within the web site.

Stress Testing

The objective of this testing is to stress the system to the point that it is incapable of responding to a users request or that the system fails. The load on the server is gradually incremented whilst measuring the increase in response times until failure of the system. The aim of this test is to establish the maximum capacity and operating conditions that the servers can endure.

Best Case Performance Testing

The objective of this testing is to establish the best case utilisation of the server from a users perspective. The aim will be to load the servers whilst retaining the users response time KPI's.

Soak Testing

The objective of this testing is to ensure that there is not degradation in performance over time. This will be conducted with varying load but with a view to ensuring that there are no memory leaks within the server software.