



the testing consultancy

# Performance Testing

## Determining speed, stability and scalability of applications and services to ensure exceptional user experiences

Most organisations experience performance issues with their software solutions. This often has a negative impact on the end-user, which can be detrimental to brand reputation and ultimately company performance. We are here to work with you to ensure your systems are responsive, stable and ready for whatever is thrown at them, so that your relationships, brand and reputation are protected.

### An overview of performance testing

In software, performance testing is the process of determining how an application or system responds when performing a particular task or workload. Performance testing enables testers to ascertain the speed, stability and scalability of the application or service, which is vital to providing an exceptional user experience.

The goal is that the end-user can carry out a task without experiencing issues like delay or process friction, which typically causes them to stop using the product. With the bar constantly being set higher and user expectations around quality and performance increasing, organisations cannot afford to have poorly performing software.



PEOPLE

PROCESS

TECHNOLOGY

## Apply smarter technology and techniques

TTC has a proven track record of working with organisations to ensure their approach to performance testing is robust and future-focused. Performance is much more than testing, it's about managing risk appropriately and bridging the gap between business and technology. We deliver pragmatic and high-quality performance testing services to ensure any risks are identified early in the project software delivery lifecycle.

The evolution of new and better tools means our performance consultants are constantly adapting to the ever-changing landscape. We ensure our consultants' knowledge remains current with latest tools and techniques to support not only component, but also end-to-end performance testing.

## Performance test tools

Data volumes are increasing exponentially. The key to successfully keeping up with the speed of change is having the ability to scale load testing with the right tools.

The ability of TTC's performance testing toolset to expand is second to none and allows current and project volumes to be handled effectively and efficiently across any technology.

## TTC performance testing services at a glance

### Performance risk assessment and strategy

Analysis of your architecture, infrastructure, business process and complete workload modelling to ascertain where your performance risk lies. Development of a strategy to manage that risk appropriately, focusing on areas of highest risk first.

### Performance testing and analysis

Build and execution of load testing suites, analysing and results reports. Our approach adapts to your development lifecycle and our operating model is flexible to work with one-off and ongoing engagements.

### Issue diagnosis and production trouble-shooting

Identification of the root cause of performance bottlenecks through monitoring and analysing server and application metrics.

### Mentoring and training, process review

Review of your approach and processes to improve your internal performance testing capability. Hands-on mentoring and customised training sessions.

### Non-testing performance consulting

Exploration of other avenues to mitigate performance risk when load testing is not possible or not cost-effective.

## Talk to TTC

For an independent, detailed and pragmatic approach to managing your performance risk, please speak to our team in your region.

**New Zealand** Auckland +64 9 948 2225, Wellington +64 4 210 2225, [newzealand@testingconsultancy.com](mailto:newzealand@testingconsultancy.com)

**The Americas** Houston +1 832 813 8063, [americas@testingconsultancy.com](mailto:americas@testingconsultancy.com)

**Asia** Singapore +65 9822 8740 7056, [asia@testingconsultancy.com](mailto:asia@testingconsultancy.com)

[testingconsultancy.com](http://testingconsultancy.com)