

## SV-Load

### Comprehensive Load and Stress Testing

When you are expecting a large number of visitors to your website; during a sale, a marketing campaign or a seasonal peak - you need to be sure that your website will support the increase in traffic. And when you are implementing a major web development; a new application, online service or infrastructure change - you need to know that it will deliver at the busiest times.

As a business grows so do the demands on the company website and its underlying infrastructure. These additional loads can impact on performance, and negatively impact customer online experience. Load testing is essential to ensure that Dynamic User Journeys - key routes that visitors take across a website - can manage high volumes of traffic and concurrent users performing transactions, at the most critical times.

Your homepage may function fine but will visitors struggle to place orders, login or set up accounts? SciVisum's User Journey Load testing is performed from the user's perspective - simulating an increasing number of concurrent users carrying out multi-page transactions.

SV-Load is engineered to expose limitations and bugs that are likely to appear under stress. Our load testing measures the impact of increasing loads on timings and error rates at every step of a journey and also identifies failure criteria, measures recovery after failure and predicts when upgrades will be necessary.



48% of online adults will share their negative online experience with friends and family to discourage them from using that website or company.



User Journey load testing provides hard facts about your website's ability to support traffic and can be easily interpreted by all departments - protecting technical departments from blame when results don't meet expectations.

## Which Service?

SciVisum offer two load testing services which utilise SciVisum's high quality hardware and resources; SV-LTS and SV-LTP. Each package is designed to offer bespoke quality solutions for individual needs:

### SV-Load Test Portal

SciVisum Load Testing Portal allows you to take full control of your testing needs. Once the testing objectives have been identified and the Dynamic User Journeys are chosen you are given access to the load testing portal which supports an easy to read dashboard containing a summary of data.

From the dashboard you can easily navigate the portal and access full graphs, error tables, statistical analyses and performance comparison. The portal facilitates the ability to run tests on demand, easily schedule tests during out of office hours, and re-run tests ad-hoc after making periodic adjustments to the website code.

### SV-Load Test Service

SciVisum Load Testing Service gives you access to expert testers with specialist knowledge to spot problems quickly and provide insights into the root causes of problems. SciVisum's Load Testing Service offers guaranteed expansive and complex testing sessions often unobtainable from self-servicing due to departmental time constraints.

Let us do the hard work; our test engineers deliver Load Testing remotely, we write the scripts and perform the tests – no hardware, software or monitoring agents are necessary and no engineering time is lost.

The service includes an individual, clear analytical report, meaningful to all departments of the business team and includes a telephone debrief.

**View the 'Which Service?' Summary overleaf...**

*"I cannot stress (excuse the pun) how important this exercise really is!!... Studies show that the average Web user does not wait for more than 10-15 secs for the page to load before leaving for a rival site. With click-happy, impatient web customers one can't take chances. On a fateful day in December 1998, an overloaded server of a popular e-commerce site caused an outage of 4 hours. The Cost: \$400,000!! ... Even more damaging is the perception of the company by the customer; the users do not care why the outage happened, they just surmise that the service is bad."*

Dev Noronha, ASP101



## Which Service? Summary

### SV-Load Test Portal

- Utilize SciVisum's high quality hardware and resources
- Complete control over your testing requirements
- Ability to re-run tests ad-hoc after making periodic adjustments the website code
- On-demand and out of hours testing
- Access to information in real-time
- Capacity to self analyse data and convert into meaningful reports

### SV-Load Test Service

- Utilize SciVisum's high quality hardware and resources
- Obtain SciVisum's specialist knowledge and proficiency for active results
- Access to the experience of expert testers to spot problems quickly
- Guaranteed expansive and complex testing sessions often unobtainable from self-servicing due to departmental time constraints
- An individual, clear analytical report, meaningful to all departments of the business team

If you would like to schedule a free consultation regarding your website performance concerns, learn more about website Load Testing or arrange a free trial of the SV-Load service please contact us on: **+44 (0) 1227 768276**



### Application Synchronicity

powered by

Central to SciVisum's testing ethos is Application Synchronicity; the unique application of Dynamic User Journeys to every testing specification. Web users do not interact with your website by accessing a single page, a single server or an isolated function, but by fluidly travelling through the site from page to page – function to function. It is therefore important to understand how an end user experiences your unique combination of code and applications as they complete their journey. SciVisum's advanced testing approach 'Application Synchronicity' provides user-centric real-life metrics delivering invaluable insights into your entire website delivery on which you can base budget allocations effectively to maximise impact, protect brand image and deliver consistent positive end user experiences.

## About SciVisum

SciVisum provides technical teams a uniquely in-depth analysis of how their code and systems are performing, and allows the Business and Marketing managers to take control of the ongoing Customer Experience on the portals. SciVisum's success is the result of the combination of its in-house developed test engine, which provides flexible and fast scripting for complex multi-page User Journey web site testing, together with the experience of

expert web testing staff.

The result is a portfolio of web effectiveness test services, centred around Dynamic User Journeys. This approach helps clients focus on reducing lost sales online, by continual improvement of evidence based User Experience metrics.

Many companies have previously bought testing from other suppliers, and appreciate the fact

that SciVisum's unique approach to emulate realistic, random-walk and complex Dynamic User Journeys provides unique depth of testing, at costs and time scales to suit today's tighter project demands.

SciVisum does not build or host web systems, and is thus able to offer fully independent test and audit services and consultancy.