rent testers

You can increase your application's quality by leveraging our experienced Stress Testing resources throughout your application development cycle.

STRESS TESTING

Stress Testing is a form of software testing that determines the stability of a system and an application's robustness, availability, and reliability. It also identifies bottlenecks under extreme conditions. SQA Solution's Stress Testing experts use our state of the art QA Lab, leveraging load testing tools to simulate stress test conditions such as heavy loads, high concurrency, and limited computational resources. Our testing experts help you identify the following: bugs related to synchronization and timing, interlock problems, priority conflicts, and resource loss. Stress testing ensures the proper handling of your software under extreme conditions.

CREATING SOLUTIONS

We can help you create Stress Testing solutions that ensure your organization is prepared for a successful launch and ongoing usability. We can especially assist with the following applications:

- Websites and Web Applications as well as Desktop, Mobile, Facebook, SAP, Reports, and ETL Applications. Websites and web applications must be able to handle the high volume of traffic expected when a product is launched, as well as ongoing usability.

- Limited Internal Resources – Traditional load testing tools or services often burden your in-house resources, especially QA and IT staff. SQA Solution's Load and Performance experts can help.

- Increase Application Quality
- Accelerate Time-to-Market
- Minimize Testing Costs

Note: Pay only for what you need. You can minimize testing costs by leveraging SQA Solution's On-Demand delivery model. This allows you to tailor your testing solutions so you can focus your budget dollars where they're most needed.

How SQA Solution Can Help You

Want to learn more about how SQA Solution can help you to create and implement your organization's Stress Testing strategy?

Contact Us to get detailed information about what's included in our services.

PROVIDING EXPERTISE

SQA Solution's robust Load and Performance Testing framework uses a well-defined software performance testing methodology and tools. This ensures that products consistently meet performance requirements. Our approach includes performance benchmarking, and provides testing for load, stress, reliability, and scalability testing by leveraging commercial and open-source testing tools. Key performance metrics we collect during performance testing include:

Response Time	Throughput	Resource Utilization
Availability	Latency	Reliability

The SQA Solution engineer assigned to manage your project will help you to determine scope, complexity, and size of the load, as well as determine the best test architecture. We work closely with our clients to develop accurate usage scenarios to develop tests that closely simulate the behavior of real-life users, varying the actions and session lengths of simulated users. Most aspects of a stress test are completely customizable to meet your specific business needs.

SQA Solution's experts are experienced and have a strong knowledge base leveraging the following Load and Stress tools:

HP QTP	Silk Performer	Database Opensource Test Suite
Segue Silk Test	WebLoad	Microsoft Rational Robot
Load Runner	Test Load	Load Tester
J Meter	Test Bench	Http Load