

DATA SHEET

AUTOMATED TESTING SERVICES

**GET THE CONFIDENCE OF FLAWLESS WEB APPLICATIONS**

As organizations increasingly rely on applications to integrate the breadth of their business processes and to meet fast-changing customer demands, precision in software has become a key concern. The race is on to diminish defects in software and accelerate system release cycles, all within a tighter budget, ever-shorter time frame, and limited resources. In such a context, testing has become an integral and critical activity of the application development process to deliver flawless software that enhances your business performance and credibility, and ensures that your customers stay with you and aren't lured by the competition. Yet, most of the times, deadlines and cost pressures make it difficult for organizations to carry out thorough testing of their applications. So, then how can you ensure a high quality application without running out of budget, time, or resources?

At NaviSite, we offer comprehensive, cost-effective Automated Testing services that optimize testing time for your new or enhanced web applications, increase their time-to-market, and minimize risk of going live. Be it functional testing or performance checks for your web applications, our services take into account the operational, technical, and business needs of both the application provider and the end users. Backed by a rich testing experience and an expert team of testing professionals, we offer testing services both during the design phase and as part of the complete system maintenance package.

NAVISITE'S AUTOMATED TESTING PORTFOLIO

At NaviSite, we provide a full spectrum of Web Application Testing services that align the testing objectives with your business objectives. We extensively use latest testing methodologies and tools to maximize the value you derive from the testing function.

Functional/Regression Testing

Does your web application perform according to the functional requirements? Have the older fixes led to newer defects or issues in your application?

NaviSite's Automated Functional Testing uses reliable, easy-to-duplicate methods that can emulate system functionality, such as complex Web transactions. In addition, our Regression Testing techniques allow us to carefully track both old and new issues – avoiding unexpected bugs.

With our Automated Functional/Regression Testing, you get a more efficient process for performing repetitive manual test cases – thus minimizing the effect of human error, while allowing for more extensive validation testing.

Performance/Stress Testing

Before your application goes live, do you want to check how it will perform in the production environment, and how will it perform under peak load?

Performance/Stress testing enables to easily and accurately test the performance and scalability of your web application.

At NaviSite, we conduct a careful study of your site and develop one or more performance test scripts. Each script mirrors the actions of one type of real-world user, including navigation, data entry, and application activation. The scripts are gathered together into a test scenario, in which site usage statistics are also integrated. While each additional script adds a level of complexity to the process, it also brings the overall test scenario closer to the production model. This process allows us to simulate multiple concurrent users interacting with your site much as their real-world counterparts, but in a controlled environment - allowing us to analyze the performance of your applications.

Our Performance/Stress Testing is conducted at the following levels:

- **Hardware:** It includes monitoring the entire application infrastructure during testing. This allows us to identify performance problems at their source and recommend adjustments that will maximize your hardware investment.
- **Software:** It includes iterative testing that provides the means to fine-tune your application. Each iteration reveals the effects of application changes under peak load conditions, often allowing you to enhance your Web performance without requiring new hardware.

WHY NAVISITE

At NaviSite, we provide you effective testing services that not just reduce risk of failure but increase your confidence and control over your web applications. NaviSite helps you to:

- Improve the product quality with no defects going unnoticed
- Reduce the testing time with efficient automated procedures
- Ensure increased testing predictability and productivity with consistent test processes
- Accelerate the application development cycle with faster and reliable testing
- Lower costs for software testing, development, and management
- Leverage the benefits of newer testing tools and technologies for which you may not have the resources or expertise to use on your own
- Re-focus internal resources on other important organizational priorities
- Put your applications in the hands of a trusted partner who has rich application experience and expertise and an uncompromising commitment to quality
- Get complete technology support for your business with our vast portfolio of application and technology services that can adapt and grow with your business

RUN WITH A TRUSTED PARTNER

With increasing emphasis on quality in today's competitive business environment, testing is no longer a low priority task but a strategic phase of application development projects. At NaviSite, we are focused on ensuring precision, performance, and security of your web applications – so that your systems meet quality benchmarks and are up and running, always. NaviSite can also provide Application Development and Application Management services – making us a trusted partner that supports all your software development needs.

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About NaviSite

NaviSite is a leading provider of cloud enabled enterprise hosting and application management services. It provides customized and scalable solutions leveraging its industry leading hosting infrastructure, full suite of managed services and custom and packaged application life cycle management expertise. Over 1,400 customers depend on NaviSite for customized solutions delivered through its global footprint, comprising 16 state-of-the-art data centers supported by approximately 650 professionals. For more information, visit www.navisite.com.