

## SmarteLoad™ Powerful, Flexible Performance Test Tool

### Get Superior Performance!

SmarteLoad tests your system's ability to cope with load and stress under any scenario. Simulate projected usage patterns and ramp load up while analyzing bottlenecks and optimizing system performance. Don't be caught with your guard down – ensure superior customer experience with a system that performs beyond expectations.



### Ease of Use

SmarteLoad's user-friendly GUI is easy to learn. Test teams create and run load tests quickly. Rapid implementation immediately improves application performance and customer satisfaction. SmarteLoad uses a navigate-and-record methodology to automatically create a data grid that drives and tracks the test case flow. The grid contains static and dynamic data variables and data types, as well as URLs, headers, forms and the type of actions to perform. It parameterizes and automatically correlates dynamic data received from servers upon client requests. Undo specific or all correlation with a click of a button.

### Extensible and Flexible

SmarteLoad leverages Java Protocol for maximum platform extensibility. It's easy to add custom protocols or integrate existing Java servlet libraries via SmarteLoad's open API. Simply adding a protocol servlet brings SmarteLoad testing to a custom or previously unsupported protocol. Our development team – or your own Java programmers – can generate servlets quickly.

## THE DETAILS

### SUPPORTED ENVIRONMENTS AND PROTOCOLS

- Web/Internet e-commerce applications
- HTTP/HTTPS, Ajax, HTML, Java Script, PHP, Open Java API\*, WinSock, Oracle L360, SOAP and Web Services, SOA

\*Open API to plug-in 3rd party protocols



*SmarteLoad stress tests applications to ensure flawless execution when you need it most.*

SmarteLoad uses JavaScript to drive script execution. With JavaScript, you control script execution logic and parameterization or correlation. JavaScript provides a quick solution to meet your unique needs. We recently created custom Java protocol servlets for Oracle Education Suite and eProgesa. Contact us to discuss your unique needs.

### Don't Interrupt Business

With SmarteLoad, get remote host Generator Agent recognition, connection and remote agent installation on servers and hosts. The Host Management tool easily and rapidly configures the testing environment without the need for manual installation – and without the need to involve system administrators in the process.

### Leverage Existing Work Product

SmarteLoad leverages existing automated functional tests to give you a jump start on performance testing. Spend less time designing and more time executing performance and load tests.

### Get Results

Performance is closely tracked while simulating actual scenarios and measuring real-time transaction response time. Detailed performance analysis reports and graphs accurately document the test cases. Create custom charts and graphs. Export test results to many formats including Microsoft Word, Excel, and HTML.

## SOLUTION SOFTWARE TOOLS

Control test management and boost test productivity with these powerful additional tools.

### SmarteScript™

Powerful, robust, proven automated functional test tool. SmarteScript is easy to learn with no scripting skilled needed – even for complex functions. Ramp-up quickly, making acceptance and deployment easy as well.

### SmarteX™

The run-time version of SmarteScript, SmarteX provides the flexibility of running tests created with SmarteScript on secondary systems, boosting testing productivity.

### SmarteTime™

The SmarteScript scheduling tool provides precise scheduling of when to run test scripts and on which workstations. It is network and storage aware. Set tests to run overnight, or to avoid planned maintenance.

### SmarteQM™

Manage software development project requirements, releases, test cases, issues and tasks in one environment. Take control of project life cycle and synchronize the sometimes separate worlds of development and testing.

### Total Test Solution

SmarteSoft offers software tools and professional services to help achieve test success. From Test Life Cycle Management to planning and executing Functional and Performance Testing, SmarteSoft is here to help. Above is information on additional tools to further improve test performance while reducing manpower and equipment requirements, accelerating test schedules, and reducing budget.

## TOTAL TEST SOLUTION

Contact [info@smartesoft.com](mailto:info@smartesoft.com) or  
(512) 782-9409. We'll find the best test solution to meet your unique needs.

## SmarteLoad

### Easy to Learn and Implement

- Intuitive Graphical User Interface
- No programming skills required
- Rapid acceptance

### Control and Visibility

- Quickly obtain performance results in reports and graphs
- Export results in many formats including Microsoft Word, Excel, and HTML



## SOFTWARE REQUIREMENTS

### MINIMUM

Processor: Pentium 4 1.8GHz  
Operating System: Windows XP, Vista, and Server 2003/2008  
Memory: 1GB minimum  
Disk Space: 250MB minimum  
Display: 800x600 minimum resolution  
Browser: IE 6 or higher

### RECOMMENDED

Processor: Intel Core 2 Duo 2GHz or higher  
Operating System: Windows XP or later, Server 2003/2008  
Memory: 2GB minimum  
Disk Space: 500MB minimum (full install)  
Display: SXGA (1024x768) or higher resolution  
Browser: IE 6 or higher

## TOTAL TEST SOLUTION

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## Test Solutions Professional Services

Whether you need test experts to handle entire test projects or just need assistance to get the project started, SmarteSoft can help. Contact us at [info@smartersoft.com](mailto:info@smartersoft.com) or 512.782.9409. We'll craft a solution that fits your needs.

### Foundation Services

Every successful project starts with a solid foundation. Our experts define a Test Plan, design flexible Test Architecture, and an Implementation Plan

### Complete Turnkey

Our test experts handle the entire software test project: scoping test architecture, planning, test case design, implementation, execution, reporting and maintenance.

### Consulting

A little guidance or a fresh perspective from our test experts can get you back on track.

### Training

On-Site, Self-Paced, On-Line Webinars

### Rapid Return on Investment

- Learn quickly, test quickly
- Doesn't Interrupt business process
- Leverage existing automated functional tests
- Lower load simulation cost per concurrent user
- Ensure superior customer experience and brand

### Extensible, Flexible

- Easily add custom protocols via open API structure
- Migrate functional test scripts to load test

### Remote Server / Agent Installation

- Remote host recognition, connection, and installation of network agents

SmarteScript and SmarteX or use of SmarteScript and SmarteX is covered by U.S. Patent No. 7,917,895 B2

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