

## Take Control of Your Automated Testing

SpiraTest<sup>®</sup> is a complete **test management system** that is used to manage your manual testing activities and track the test results against your project's requirements.

Now, using RemoteLaunch<sup>®</sup> from Inflectra you can extend the power of SpiraTest<sup>®</sup> to manage your **automated test scripts** for functional testing, regression testing and load/performance testing.

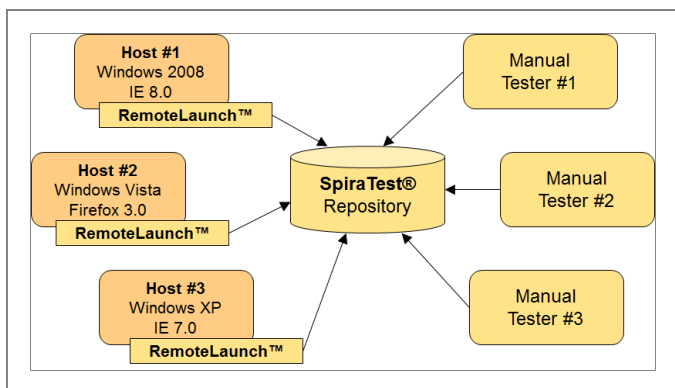
### Key Features Include:

- **Parameterized Test Execution**  
 RemoteLaunch will schedule and launch automated test scripts across your enterprise. Perform data-driven testing using the ability to pass SpiraTest parameter values to RemoteLaunch.
- **Centralized Reporting of Automated Tests**  
 RemoteLaunch allows you to have a central repository of test results from all your manual and automated testing, linked to requirements and bugs.
- **Open Architecture**  
 Communicates using *standard web protocols* - no firewall changes needed. Plug-in architecture allows RemoteLaunch to communicate with a variety of *commercial and open-source* test automation tools.

## Test Automation Architecture

Using RemoteLaunch you can manage an entire global test lab from your central SpiraTest server, with automated test sets being executed using a variety of different automation technologies 24/7.

With RemoteLaunch's open architecture, you can schedule and track manual and automated tests in the **same environment** - with plug-ins available for the best of breed automation tools such as QTP, TestComplete, Squish and Selenium as well as simple command-line scripts.



## Holistic View of Your Testing

Automated test scripts are a valuable way to perform **regression testing** on applications to ensure that new features or bug fixes don't break existing functionality. They typically supplement manual testing which is more efficient at the testing of new features and capabilities.

For complete test coverage you need to perform the same automated tests across a **complete spectrum** of platforms, browsers, devices and environments. Using RemoteLaunch<sup>®</sup> with SpiraTest allows you to manage the automated testing process. Track the automated tests against the project's requirements. Have a holistic view of manual and automated testing.

Name	Token	Active	Last Updated	ID	Web Browser	Operating System	Edit
Windows 8 Host	Win8	Yes	30-Apr-2014	AH1	Internet Explorer	Windows 8	Edit
Windows Vista Host #1	WinVista1	Yes	1-Mar-2014	AH2	Internet Explorer	Windows Vista	Edit
Windows Vista Host #2	WinVista2	Yes	1-Mar-2014	AH3	Mozilla / Firefox	Windows Vista	Edit
Windows 7 Host	Win7	Yes	3-Mar-2014	AH4	Internet Explorer	Windows 7	Edit

## Automated Test Scheduling

With SpiraTest and RemoteLaunch you have the **ultimate in flexibility**. You can either store your automated test scripts directly in SpiraTest or simply link the test cases to your existing test script repository:

Ability to create new author Test Run TR:20

Overview | Attachments | Incidents | History

Details

Test Steps

Step	Test Step Description	Expected Result	Sample Data	Test # / Step #	Actual Result	Execution Status
1	Expected 1 but 2 was found					

Console Output

Runner Name: Selenium | Assert Count: 2 | Automation Host: Windows 7 Host

Test Name: ...\_03\_TestCreateAuthor

Message: Expected 1 but 2 was found

Details: Object variable or With block variable not set. Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Once the test scripts are linked, you can use SpiraTest's powerful **test scheduling** features to specify the execution plan. RemoteLaunch agents connect to SpiraTest and launch the appropriate scripts based on the schedule:

Spira RemoteLaunch

Status | Client Setup | Setup: Test Extension

Next update in 00:00:59:51

Upcoming Test Sets:

Force Execute | Force Poll

Close

## Manage your manual and automated tests...

...in one integrated environment

### User Interface Functional Testing

Once your developers have completed their unit testing activities using the appropriate xUnit framework (integrated with SpiraTest), the next step is to ensure that the user interface behaves as expected.

Depending on the client technology being used (web, Flash, WinForms, Java, WPF, etc.) there are different tools and systems that can be used to simulate the user's experience and ensure that the functionality works across all the expected platforms and environments.

SpiraTest and RemoteLaunch are technology-agnostic and can work with the industry-leading functional testing tools such as:

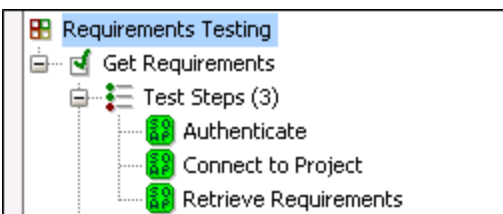
- HP UFT / QTP
- TestComplete
- Ranorex
- Froglogic Squish
- TestingAnywhere
- Selenium



### Web Service and SOA Testing

Modern applications and systems are not islands of functionality, but parts of a larger distributed ecosystem of services. Testing that the end-to-end business process works correctly is vital when ensuring the integrity of data.

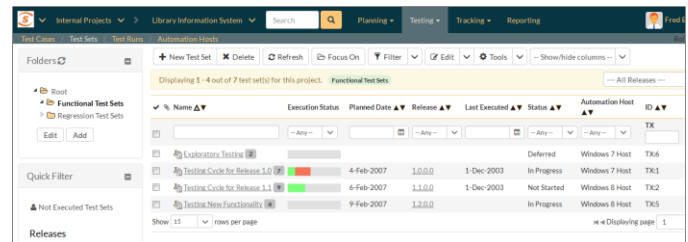
SpiraTest and RemoteLaunch integrate with the market-leading web service testing system – SOAP-UI. Now you can map the web services to your business requirements and validate the overarching business processes.



### Load and Performance Testing

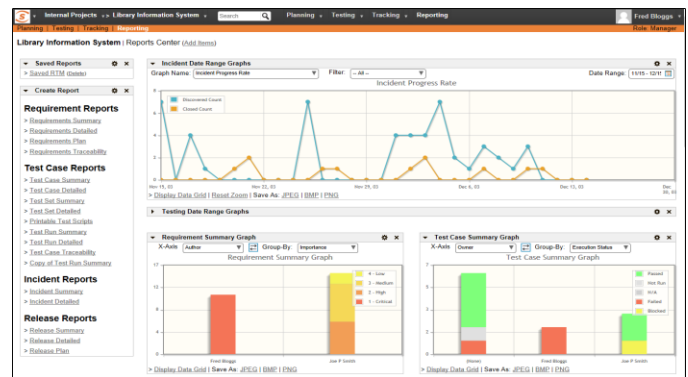
Knowing that your application works correctly from a functional perspective is only the first step in delivering a high quality system. Understanding the potential loads that the system will need to support and determining the performance parameters is vital in developing a system that will work in the real-world.

SpiraTest and RemoteLaunch integrate with two of the market-leading Load Testing solutions: **LoadRunner**, **JMeter** and **NeoLoad**. Now you can schedule and manage performance scenarios and let SpiraTest & RemoteLaunch do the hard work of keeping track of the results.



### Cross-Platform with RemoteLaunchX™

Our cross-platform version of RemoteLaunch is written 100% in Java and can be used on different environments including: **Linux, UNIX, MacOS X and Windows**. RemoteLaunchX allows you to leverage your existing command-line applications on different platforms and reporting the results automatically back into either SpiraTest or SpiraTeam where you can use the customizable reporting capabilities:



To learn more about the features offered by RemoteLaunch® and how it will transform Quality Assurance in your organization, please visit [www.inflectra.com](http://www.inflectra.com) or contact us at:

Email: [sales@inflectra.com](mailto:sales@inflectra.com)  
 Phone: 1-866-572-5878 (toll-free)  
 +1 202-558-6885 (outside US)

