# Automate more in less time with TestArchitect.

The sophisticated functionality of today's software—combined with fast-paced agile development environments, highly-compressed release cycles, and platform proliferation—makes large-scale software test automation extremely complex.

TestArchitect is the modern module-based keyword-driven authoring platform that enables large teams to create, maintain, and execute large-scale test automation for present-day software with ground breaking speed. TestArchitect's built-in multi-platform support eliminates the need to create and maintain separate tests for each platform. As a result, you can increase test coverage, decrease testing time, and rapidly release your software with confidence.

TACKLE COMPLEX TESTING REQUIREMENTS
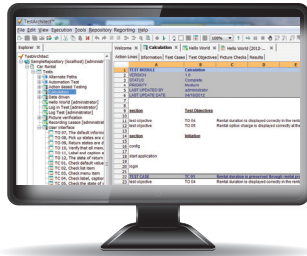
RAPID TEST DEVELOPMENT

TestArchitect features an intuitive spreadsheet-style UI and keyword-driven authoring platform that uses Action Based Testing™ Language (ABTL) to make it quick and easy to develop tests without coding.

MULTI-PLATFORM TESTING

Tests are highly reusable. Test multiple platforms, multiple versions of platforms, and multiple software releases with the same test.

Expedite test automation on a large scale.

TestArchitect makes it easy to create and maintain tests quickly—without coding. With its module-based, keyword-driven authoring platform and library of preprogrammed actions, team members can create and update tests without programming scripts. This capability frees programmers and automation engineers to focus on critical coding tasks and enables your entire team to be more productive. As a result, you'll increase test effectiveness, optimize your testing workload, and dramatically improve efficiency.

Test sophisticated functionality.

With TestArchitect, software applications that feature complex UI controls, 3D graphics, intricate objects, and robust business processes can be tested with ease.

Run the same test on multiple platforms.

When you execute a test case, TestArchitect replicates the same test across multiple platforms, increasing test automation exponentially without adding resources. When project requirements change or a new platform is added, only one set of test cases has to be updated.

Scale resources and collaborate with ease.

TestArchitect makes it easy to scale project teams up as testing demands require. By combining test design and automation into one tightly-integrated process, team members with diverse skill sets—who span offices and geographies—can collaborate easily.

Monitor thousands of test cases.

From browser-based snapshots to granular text- and tabular-based reports, TestArchitect gives team members the ability to quickly analyze test results and provide software developers with actionable findings.

INCREASE TEST COVERAGE BY MAKING IT EASIER TO CREATE AND UPDATE TESTS

Take a modular approach to test planning.

In TestArchitect, a test plan is comprised of individual test modules—each with a well-defined flow of test cases that are executed by actions. Unlike traditional test automation—in which scripts are written for every manually-documented test case—TestArchitect features a library of preprogrammed actions that serve as building blocks for test cases. New actions can be added to the library by combining existing actions and/or test cases, and by programming new actions. Because both actions and test cases are reusable, test development becomes faster with every test you create.

Build test cases without coding.

By replacing automation scripts—that often require days to code—with keyword-driven preprogrammed actions, TestArchitect makes it simple to develop, execute, and update tests without programming. Each test case contains action lines that define the test(s) to run. Each action line includes a keyword that represents the preprogrammed action, and a series of arguments that define the test data, input values, and expected results. Because tests can be written with words instead of code, more team members can design and build tests from start to finish—no programming skills are required.

DEDICATED SUPPORT

TestArchitect is backed by a team of experienced professionals who are dedicated to providing the support and training you need to get the most from your investment.

SOFTWARE TESTING SERVICES

In addition to product development, LogiGear specializes in software testing services. Our test-automation professionals are available to augment your team during crunch periods or for longterm engagements.

ABOUT LOGIGEAR

LogiGear has helped hundreds of companies in dozens of industries with thousands of projects. Based in Silicon Valley and Vietnam, our experienced team of testing professionals can assist you with software testing, test automation, QA, and training—quickly and affordably.

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LogiGear
Software Testing

Features	
Supported Platforms	
Operating Systems	Microsoft® Windows (up to Windows 8), Linux (Red Hat, Cent OS), Android™ (2.x, 3.x, 4.x)
Applications	Native Windows, Microsoft .NET WinForm, WPF, Microsoft Silverlight, Java™ Swing, Java RCP, Java OSGI, Flash/Flex, QT, Android SDK, Android WebView
Browsers	Windows Internet Explorer, Firefox,® Google Chrome™
Customization	TestArchitect can be customized to support additional platforms, such as iOS and API and protocol-based testing.
Test Harness Support	
Programming Languages	Python, C++, C#, Java
Test Development and Automation	
Keyword-Driven Testing	Keyword-driven actions to test specific controls, such as buttons, text fields, drop-down lists, and radio buttons
Preprogrammed Reusable Actions	Library of preprogrammed actions for supported UIs
Action Recorder	Capture reusable step sequences in tests. Generate interface definitions.
Project Subscriptions	Share actions, interface definitions, and data sets across projects.
Data-Driven Testing	Create data sets; run test cases with thousands of input variations.
Multi-Platform Testing	Run the same test case on multiple platforms and on multiple versions of the same platform.
Test-Level Debugger	Step through automation to monitor performance and debug.
Test Execution	
Remote Test Execution	Use agents to run tests on remote systems while continuing to develop tests on the local system.
Parallel Test Execution	Execute tests on multiple machines.
Multi-Agent Test Cases	Control multiple remote agents within a single test case to test concurrent and multi-user conditions.
Replication	Synchronize and configure multiple remote repository servers.
Lab Manager	Monitor the status and progress of all controllers running multi-agent tests from a single location.
Reporting and Analysis	
Test Analysis	All test results are stored on the local system; user designates the data to publish
Dashboards	Customizable web-based dashboard; displays testing stats in chart, graph and table formats
Test Reporting	Create reports in text and tabular format.
System Requirements	
Operating System	Windows 7, Windows Server 2008, Red Hat Enterprise Linux 5.5
CPU	2 GHz dual-core or faster
RAM	2 GB plus 256 MB for each concurrently open repository; if the machine is to act as a repository server, another 256 MB is required for each concurrent user connecting to the server