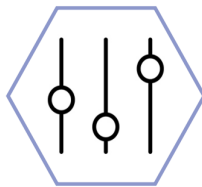# Prolifics Testing

TEST AUTOMATION SERVICES

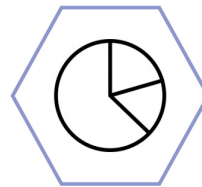## END-TO-END SOLUTIONS

SAVINGS
Reduces time and cost of test execution

ENHANCEMENT
Increases test coverage, accuracy, and scope

GUIDANCE
Short and long-term solutions that complement your testing resources

HEALTH CHECK
Ensures test automation imparts maximum benefits

TESTING FOR SUCCESS

Automating repetitive, time-consuming testing offers many advantages for modern-day software projects, particularly when it comes to regression testing. Test automation reduces both the time and cost of test execution, while increasing test coverage, accuracy, and scope. Automated tests can be run during business off-hours, before each test cycle, or just prior to the implementation of a fix, patch, or security update. Automation can even help in blending testing with DevOps by integrating and automating execution for each build so that you can rapidly and confidently deploy applications.

As a specialist software consultancy, Prolifics Testing has successfully implemented test automation for customers of all shapes and sizes, from blue chip companies to start-ups. We deliver framework-based automation that is highly reusable and data-driven. This ensures a modular approach to script development, making maintenance easier. Frameworks confirm that common functions are established early on for use throughout the application while building up an object repository, setting standards to be used throughout the automation project.

Prolifics Testing can provide quick wins for organisations by either helping establish test automation practices from the ground up or by assessing current methods and suggesting corrections to already existing implementations. Longer-term solutions are also available through resourcing and permanent placements.

We are equally at home with traditional test automation projects, using tools to compile regression packs for system test levels, as well as working lower down the lifecycle on more iterative projects with a test-driven development approach.

Automated Testing Solutions

Prolifics partners with several market-leading solution vendors and retains high levels of expertise across a range of automated testing tools. These meaningful partnerships allow us to maintain a flexible approach to projects, while always recommending the ideal fit for your needs.

Our key automation solution partners include OpenText and Tricentis, as well as a number of open-source options, including Selenium and Behat. With extensive knowledge of automation tools, we can help your organisation derive maximum value on its investment.

"Prolifics can provide quick wins for organisations by either helping establish test automation practices from the ground up or by assessing current methods and suggesting corrections to already existing implementations."

Automation Tool Selection

When it comes to selecting the right tool for your organisation, Prolifics Testing supports you with:

- A detailed analysis of your environment, infrastructure, release schedule, and skills to recommend the best-fit tool
- A standard method for selecting any tools—this includes building a business case for purchasing or leasing tools as well as selection criteria and supplier management
- Our own experiences with the leading tools on the market, including practical strengths and weaknesses
- Full training on the use of testing tools
- Development of initial automated tests to ensure a rapid return on investment and demonstrate what is possible
- The ability to negotiate a beneficial licensing deals

Test Automation Health Checks

We offer a dedicated test automation health check service that is carried out by a dedicated tools specialist. A Senior Consultant takes an impartial, detailed look at the overall test automation procedures currently in use within your organisation. This includes which tools are being used, the skills within your team, the level of automation being employed, and the rate of change in the functionality of your application.

A full audit of automated functionality is carried out. Functionality is then optimised, helping ensure that your business gains the most from running automated regression scripts. Our consultants can re-write automated scripts to make them more efficient, as well as supplementing existing scripts to cover additional functionality.

As part of this service, we also put guidelines for test automation in place to ensure that future tests are developed in the right way. This exercise is a review of how test automation is being used within an organisation and aims to ensure that:

- Automation is being used appropriately
- Automation tests are designed to give clear, meaningful outcomes
- Where appropriate, tests relate back to original requirements or specifications
- The test architecture is the most suitable for the task and the most appropriate tools are being used
- Automated testing is focused on the areas where the greatest benefit can be realised
- Frameworks are current, optimised, and reflect the applications under test
- Appropriate standards are followed
- The expertise of the staff using the tool is appropriate and whether any additional training is needed

Schedule Your Test Automation Session

Contact Prolifics Testing at **info@prolifics-testing.com** to schedule your test automation session.