

DATASHEET

Automation Acceleration Program

Congratulations! You just selected the industry-leading platform for continuous testing of web and mobile applications.

Don't already have a highly successful web and mobile automated testing practice? Perfecto will rapidly get you to your automation target and then handoff a sustainable asset to your team. Script acceleration will rapidly build and deploy automated tests for achieving higher coverage and improving your release velocity while ensuring your team has the knowledge to run and maintain them.

Benefits Overview

Quality Assurance and development teams have limited time to invest in building out the automated tests needed that will have an immediate and substantial impact on their software development lifecycle (SDLC).

Whether the need is for 50 automated test cases or 5,000, Perfecto can quickly and efficiently convert your existing manual or legacy automation assets into a sustainable automated testing strategy that's ready for Continuous Integration (CI).

The Automation Acceleration program will empower your teams by ensuring your automated test architecture follows Perfecto and industry best practices through the following methods:

Leverage open source automated test frameworks to manage parallel execution, script repository, and a test results library.

Build robust test scripts using Perfecto's ScriptOnce methodology to maximize single test coverage across responsive websites and hybrid and native mobile apps.

Generate detailed test run reports that will allow QA and development teams to rapidly identify the source of failures.

Construct and refine an object repository using Perfecto best practices to minimize script maintenance.



What You Get

DISCOVERY PHASE

- Analyze the application(s), test cases, test data, and platform coverage requirements.
- Analyze current team skill sets.
- Based on the above, define optimal strategy for automation. These recommendations may include choices such as programming language (Java), use of BDD layers, XML and other keyword-driven approaches.
- Present and review the proposed automation architecture with your team.
- Build five pilot automated test cases and conduct detailed code review with your team.
- Conduct detailed walkthrough of scripts that your team will maintain and extend.

AUTOMATION DEVELOPEMENT PHASE

- Conduct two-week automated script development sprints.
 - Develop automated test scripts for required platforms & devices.
 - Conduct automated test script walkthrough with your team.
 - Demonstrate parallel test execution and review run reports.
- Repeat sprints until desired quantity of automated tests are accomplished.

Delivery Options

- The Automation Acceleration Program can deliver as few as 50 automated test cases or as many as you may require.
- Perfecto resources generally deliver the program remotely but can modify delivery methods as needed to comply with your information security requirements and mentoring of your staff.
- Delivery options include both fixed fee or time and materials pricing. For fixed fee projects, Perfecto will require detailed scoping based on an assessment of your existing test plans or if applicable, automation assets.
- Pricing is subject to the following constraints:
 - Quantity & complexity of your test cases.
 - Platforms and devices required for developing and executing the tests.