

Test automation.

Test automation allows your organization to test faster and cheaper, to increase test coverage and thereby reduce risks. Test automation is especially useful when working with test scripts which are difficult and or time-consuming to be manually executed. Test automation is essential when introducing Agile, DevOps and continuous integration. Polteq offers all ingredients for successful test automation, is completely independent and has no preference for any of the tools or programming languages.

Steps to successful test automation

Test automation can only be called a success when defined goals have been achieved. In order to achieve these following steps are crucial:

- **Define goals**

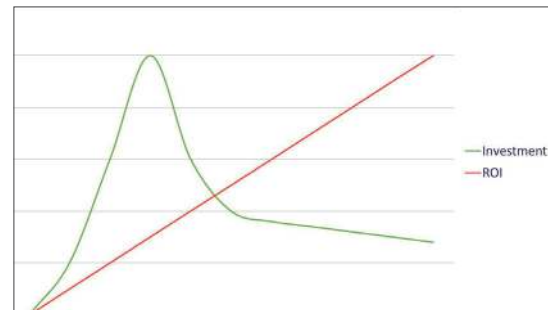
Test automation goals are determined with stakeholders. These goals result in a clear framework for the next steps, such as tool selection, architecture and design.

- **Test tool selection**

The necessary test tools should conform to the technical requirements, fit the organisation, have an appropriate price and be future-proof. As a completely independent company, Polteq has no preference for open-source or commercial tooling. In a proof of concept it becomes clear which tooling is suitable and eligible for selection.

- **Architecture**

At Polteq test automation is done using a software architectural approach. The architecture describes the elements within the test automation and how they are related to each other. A solid architecture results in a solid, reusable and future-proof test automation solution.



Investment and return on investment of test automation

Polteq helps you to:



Define achievable goals
for test automation



Achieve the test
automation goals, like
faster or cheaper tests, or
lower risks



Deploy test automation
to reach project or
organisational goals

Steps to successful test automation

- **Setting up tooling**

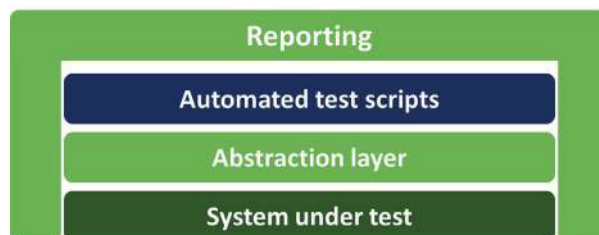
The implementation of test automation is done step by step and in a structured manner. Regardless of the selected test tool, Polteq will ensure a good match with the test process and provide appropriate training for the users.

- **Scripts, execution and maintenance**

A lot can be gained by automating tests. Polteq test automation professionals develop the test scripts in accordance with the architecture. After execution of the tests, analysis will show which results do not meet the expectations and why. Changes in the application and/or environment demand maintenance. Using the correct architecture and proper test scripts the amount of maintenance required can be decreased considerably.

- **Training en coaching**

Polteq offers various training courses for test automation. The main focus is always on creating, executing and maintaining test scripts. Not only do our experts perform all test automation activities, they also act as coaches for professionals.



Schematic illustration of test automation

You benefit from Polteq!

Test tools gain more and more features and our experts continuously search for optimal use.

Development of test automation within Polteq is based on:

