



INNOWAVE

Change Lives Through Innovation

Automatic Tests

InnoWave is the Portuguese market leader in automated testing thanks to its wide experience with large-sized companies and to the work developed in our R&D centre. Additionally to the expertise in executing performance tests, we also specialise in automated functional tests.

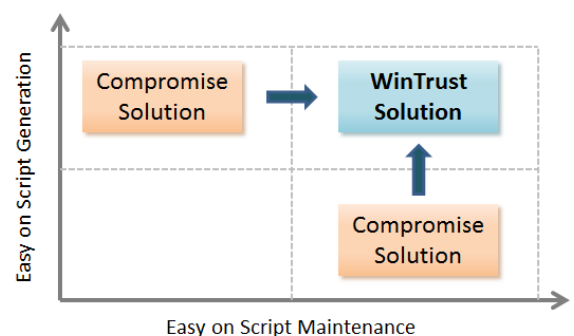
- We provide a wide offer in this segment, adjustable to project's size and client's investment capacity:
- High automation with automatic generation of test cases and data
- Accelerator for automated functional tests on SAP and Siebel platforms
- Add-on tool based on tools currently available on the market, resulting from the work developed at our R&D centre that combines the quick creation of scripts with a reduced maintenance effort

The Problem

- **Difficulty in leveraging the tools potential**
 - Companies that have invested on the acquisition of functional testing automation tools and don't seem to be able to use them are not hard to find. This difficulty is mostly related to the costs associated with script generation and/or maintenance
- **Two incompatible worlds?**
 - Tools often have a “Capture/Playback” functionality that allows the prompt generation of scripts.
 - However, whenever the scripts need to be changed, it is more effective to delete the script and build it up again from scratch than to try to adjust it to the new requirements
 - This strategy, however, results on a very low ROI since the investment is regularly brought back to the starting point.
 - On the other hand, if we are aiming at an efficient script maintenance, these need to be generated by developers that understand the tool's programming language
 - As a consequence, the script generation becomes a morose process

The Solution

- **Accelerators with Impact Analysis - SAP Platform**
 - SAP has created an add-on tool - SAP TAO (Test Acceleration and Optimization) that runs on HP tools and enables to speed up the script generation process.
 - Additionally, it allows the tester to carry out an impact analysis and suggests modifications based on changes implemented on the application.
- **Keyword-driven approach - Other platforms**
 - WinTrust has created another add-on tool that complements our offer for non-SAP platforms
 - It is a known fact that many testing professionals are not skilled in the programming area
 - With our add-on tool, it's possible to keep testers focused on the business rules and test design techniques without the need to learn the tool language

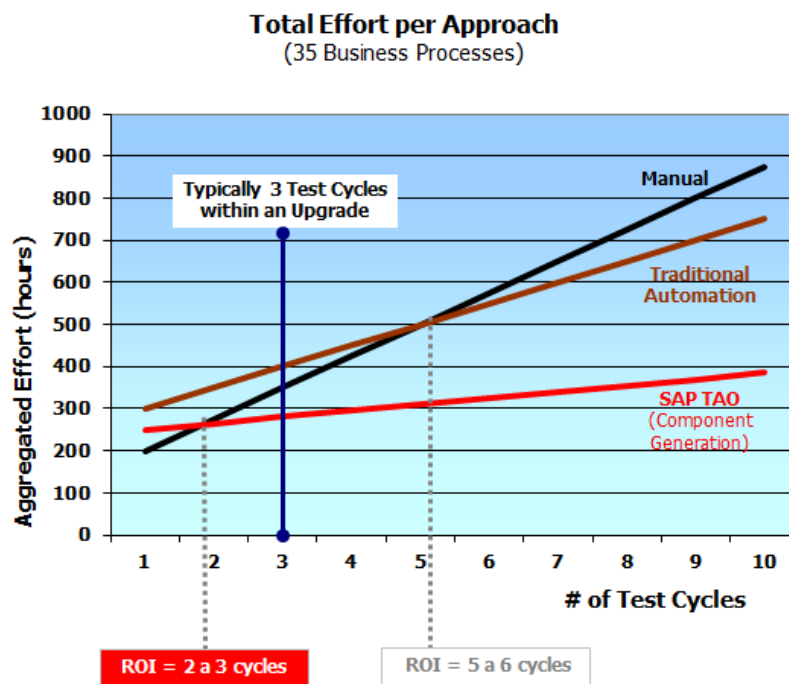


Automatic Test Advantages

- The automatic functional test enables for the reduction of the validation effort whenever the application is updated, being therefore appropriate to be implemented at the regression tests level. Additionally, it allows for a higher rate of accuracy and coverage, because the tester can execute tenths or hundreds of test cases over a short period of time.
- Finally, another relevant aspect is the ease in obtaining metrics and management data.

WinTrust Key Differentiators

- The graphic below illustrates the advantages of this approach, with a return on the investment just after 2 or 3 execution cycles, for a case study owning 35 processes:



For additional details, please contact us.

We can further:

- Detail our offer
- Execute a Proof-of-Concept
- Put you in touch with our clients