



# Company

**Maveryx** is the **Italian testing automation** company that provides one of the most advanced testing automation solutions worldwide.



## Today

- 15 Versions
- + 25K Downloads
- + 40K Contacts

# Company

**Mission:** innovating test automation for everyone delivering simple and easy-to-use solutions and establishing trustworthy relationships with our customers. The aim is automation, the focus is on people.

- **Sponsor of the Italian Software Testing Forum** since 2016.
- **Sponsor of the EuroSTAR Conference** since 2018.



# The Framework

The Maveryx Test Automation Framework innovates automated testing for:

- ☐ *Functional Testing*
- ☐ *Regression Testing*
- ☐ *Codeless Testing*
- ☐ *Data-Driven Testing*
- ☐ *Continuous Integration*



# So innovative ?!

- ❑ **Inspection & recognition at runtime:** no more wasted time in recording and maintaining actions, maps, objects repositories and so on
- ❑ **One script to test them all:** Desktop and Web
- ❑ **Testers will be testers:** more time for quality, improve your performances
- ❑ **Multi-Platform**

Maveryx<sup>®</sup> is an *expert tool* operating as a *senior* human tester, granting machine capacity.

**Maveryx<sup>®</sup> provides real automation!**



# Benefits

**Time:** save up to 50%

Maveryx® allows you to code and go, even testing meanwhile the development of your software. No more test maintenance.

**Release your software in half time.**

**Quality:** improve up to 40%

Maveryx® grants you a larger functional coverage compared to *old school* tools.

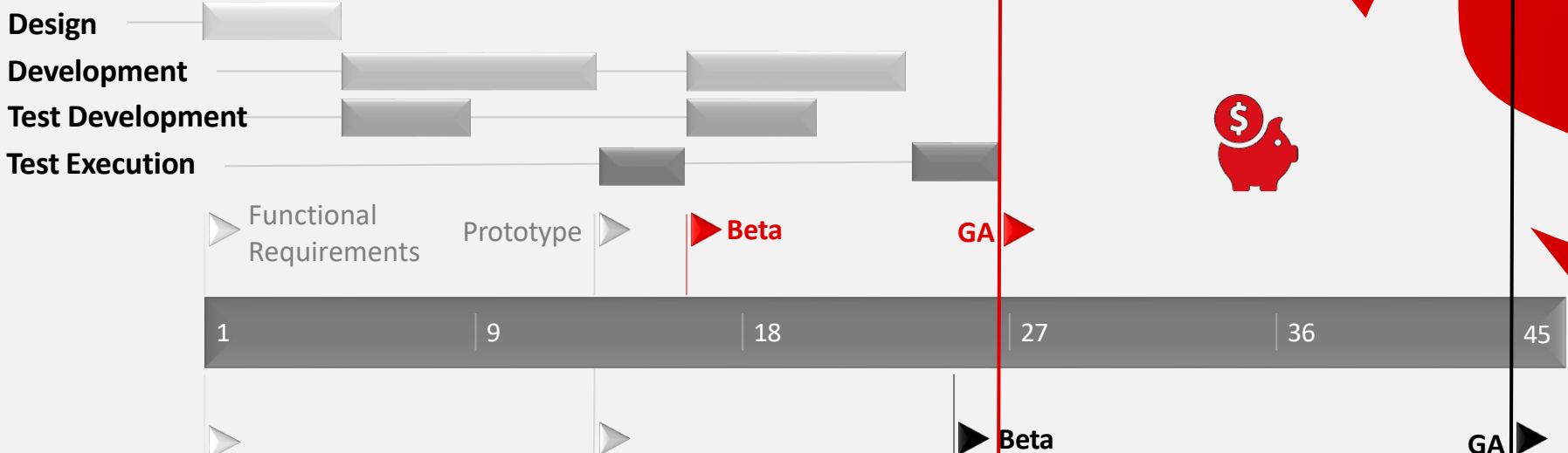
**Cost:** cut expenses significantly

Cost's benefits grows up with the complexity of your software.

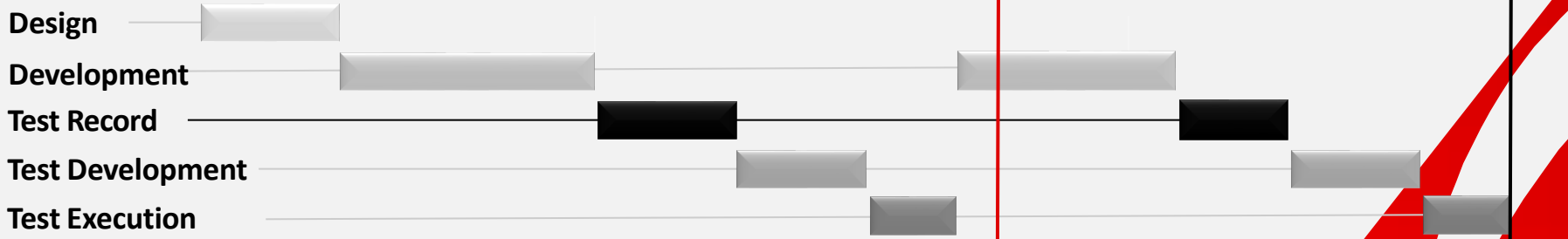


# A Case Study

## With Maveryx



## Without



# Inspection «On-The-Fly»

- ☐ No GUI Maps or Object Repositories to create & maintain
- ☐ No pre-recording or UI element capture
- ☐ Test scripts immediately executable!
- ☐ ***Automatic UI inspection directly at runtime***
- ☐ Support for all standards and advanced GUI controls



# Object Identification

- ❑ **Matching algorithms** to unambiguously **recognize and locate UI objects** directly **at runtime** during test execution
- ❑ Automatically **accommodate UI changes** without modifying the tests
- ❑ **Recognition** of objects in the User Interface by **Images**

# Test Scripting

- Taking advantage of the coding skills;
- Using constructs, statements, etc...
- Using the OOP features (e.g. inheritance, polymorphism, recursion, etc... );
- Using design patterns;



# Codeless Testing

- No programming skills are needed;
- Easy to learn and use;
- Promotes an improved functional coverage;
- Favours the participation of all the stakeholders;



# Test Log & Report

## ❑ Standard Test Logging and Reporting

❑ XML  $\Rightarrow$  HTML test reports

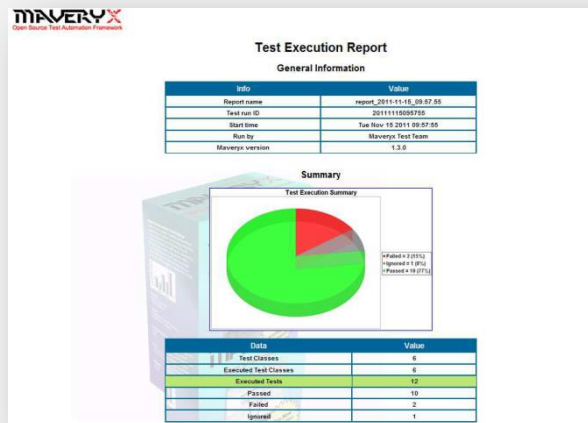
❑ ASCII test logs

❑ Automated capturing of screenshots on test failures

❑ Test Execution Metrics

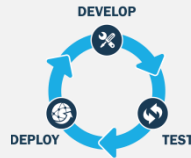
`<?xml?>`

`<HTML>`



# Other Features

- ☐ Images Recognition
- ☐ Data-driven testing
- ☐ Assertion-based Verification Points
- ☐ Test simultaneously more applications
- ☐ Remote tests execution
- ☐ Extensible by plug-ins
- ☐ Continuous Integration
- ☐ Available as Eclipse plugin
- ☐ Available Visual Studio API



# Before Maveryx

## Time

The Application Under Test is required to start developing tests

**Start late, finish later!**  
50%

## Quality

Automation does not replace completely manual testing

**Useless activities instead of increasing functional coverage**

## Cost

- Acquisition €2K-16K
- Know-how €10K-25K
- Maintenance cost unpredictable

**Costs reduction is hard to achieve**

Does automation necessarily be complicated and expensive?

# With Maveryx



## Time

Test automation runs in *parallel* with software development

***Short time-to-market:  
early start, earlier finish!***



## Quality

Accuracy improved by:

- test objects recognition
- accommodating changes
- error recovering

***Tests resilient to  
frequent changes***



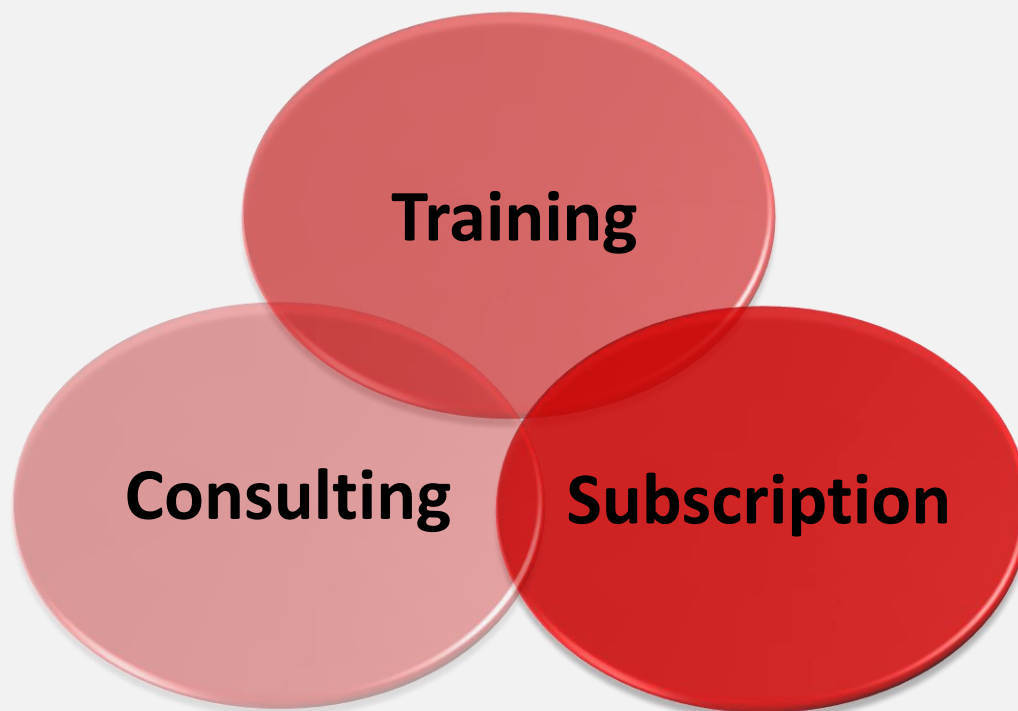
## Cost

- Std. technologies
- Easy to learn & use
- No maintenance cost

***Reduced all the  
automation costs***

# Services

Also, Maveryx<sup>®</sup> means a wide array of services: technical support, consulting, updates, upgrades and customizable training.





# Contacts

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