Introduction

This case study of a S&P 500 computer software company is based on a December 2017 survey of Ranorex Studio customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.

“We have really huge test suite — with tens of thousands of cases. We have automated more than 40% of our test suite with Ranorex Studio.”

Challenges

The business challenges that led the profiled company to evaluate and ultimately select Ranorex Studio:
- Top challenges associated with test automation:
  - Identifying and improving flaky tests
  - Maintaining deployment pipeline and automation environments (VMs)
  - Management not understanding the costs and limitations of automated testing

Use Case

The key features and functionalities of Ranorex Studio that the surveyed company uses:
- Has 50+ people on their team performing Automated Testing.
- Automating the following tests with Ranorex:
  - Functional UI
  - Integration
- Integrated Jenkins with Ranorex.
- Is using Jira for test management.
- Testing the following application interfaces/platforms with Ranorex:
  - Desktop
  - Web

Results

The surveyed company achieved the following results with Ranorex Studio:
- Ranorex Studio has helped in the following ways:
  - Increased their testing efficiency (less manual tests)
  - Shortened their test cycles
  - Gained robust and reliable automation
  - Improved their level of technical knowledge/skills
  - Realized a greater than 20% (saved 6+ hours a week) increase in productivity after using Ranorex Studio for test automation.
  - Reports the following as important features when they evaluated Ranorex automation tool:
  - Ease of use
  - Excellent object recognition
  - A strong automation API
  - The ability to fit into technology stacks (.NET, C#/VB.Net)
  - The ability to bring people with different skill sets closer together
  - Price