

Dassault Systemes

Introduction

This case study of Dassault Systemes is based on a May 2022 survey of Ranorex customers by TechValidate, a 3rd-party research service.

Challenges

The business challenges that led the profiled company to evaluate and ultimately select Ranorex:

- The challenges they had in testing their application before using Ranorex Studio:
 - Test coverage: a significant challenge
 - Test reporting: a significant challenge
 - Staffing: not a challenge
 - UI object identification and automation: a significant challenge
 - Flaky/unstable tests: a significant challenge
 - Missing delivery deadlines: a minor challenge
 - Testing quality: a significant challenge
- Using Ranorex Studio has allowed their team to:
 - Implement shift left testing principles: strongly agree
 - Perform more exploratory tests: strongly agree
 - Automatically perform end to end regression testing: strongly agree
 - Schedule testing during off hours: agree
 - Distribute testing workload more efficiently: agree
 - Avoid testing fatigue and costly mistakes: strongly agree
 - Address more challenging development projects: agree
 - Involve non-technical team members: strongly agree

Company Profile

Company:
Dassault Systemes

Company Size:
Large Enterprise

Industry:
Computer Software

About Ranorex

Ranorex is a GUI test automation framework for testing of desktop, web-based and mobile applications.

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Use Case

The key features and functionalities of Ranorex that the surveyed company uses:

- The key features, functionalities, and factors that led them to choose Ranorex Studio:
 - Ranorex Recorder capture and replay
 - Central object repository
 - Flexible API interface for CI/CD integrations
 - Cross environment testing
 - Cross browser testing
 - Remote testing
 - Customizable test reports
 - Data-driven testing
- How often they use Ranorex Studio: daily
- Their general approach when using Ranorex Studio for test automation:
 - Ranorex Studio No-code driven
- The tools that are important for them to integrate with Ranorex Studio:
 - Azure DevOps Pipeline
 - GitLab CI/CD
- The platforms or technologies they test with Ranorex Studio:
 - Desktop – C#
 - Desktop – Delphi
 - Web app
 - Mobile – Native Android app
 - Mobile – Native iOS app
 - Mobile – web app in mobile browser

Results

The surveyed company achieved the following results with Ranorex:

- Where they have gained the most productivity ROI in their testing by using Ranorex Studio: increased test coverage
- How using Ranorex Studio for test automation has impacted their company:
 - Increased tester productivity: 21-35%
 - Increased product quality: 21-35%
 - Increased product revenue: 10-20%
 - Reduced testing costs: 50+%
 - Reduced development time to market: 21-35%
 - Reduced manual testing: 36-50%
 - Reduced tester fatigue: 21-35%
 - Reduced developer time used for testing: 10-20%
- Level of agreement to the following statements about Ranorex Studio:
 - Meets their original purpose for the product: strongly agree
 - Is more powerful than expected: agree
 - Is easy to implement and configure: agree
 - Has helpful documentation, training, and support: agree