

State & Local Government

Introduction

This case study of a state & local government is based on a November 2022 survey of Ranorex customers by TechValidate, a 3rd-party research service. The profiled organization asked to have their name blinded to protect their confidentiality.



“We have experienced a positive impact by using Ranorex Studio, however, I am not sure we have tapped into the full power of the product to discover other ways to implement it into our processes.”

Challenges

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

- Before using Ranorex, the challenges they had in testing their application:
 - Test coverage: minor challenges
 - Test reporting: minor challenges
 - Staffing: average challenges
 - UI object recognition and automation: average challenges
 - Flaky or unstable tests: major challenges
 - Meeting the release schedule or deadline: average challenges
 - Unacceptable amount of bugs in production: average challenges
 - Getting feedback from testing: average challenges

Organization Profile

The organization featured in this case study asked to have its name publicly blinded because publicly endorsing vendors is against their policies.

TechValidate stands behind the authenticity of this data.

Organization Size:
State & Local

Industry:
Government

Use Case

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

- The most valuable aspects of Ranorex Studio in their decision to choose Ranorex over other vendors they evaluated:
 - Feature options that meet the needs of their team
 - Compatibility with current and planned organizational tools and solutions
- The platforms/technologies they test with Ranorex Studio:
 - Web app
 - Desktop – C#
 - Desktop – .NET or VP.NET
 - Desktop – Java
 - Desktop – Winforms
 - Desktop – WPF
 - Desktop – Delphi
- The percentage balance between automated and manual testing: 25% automated, 75% manual
- The types of tests that are their priority for automation:
 - End-to-end
 - Functional UI
 - Regression tests
 - Smoke

About Ranorex

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

Learn More:

[Idera DevOps Tools](#)

[Ranorex](#)

Results

The surveyed organization achieved the following results with Ranorex:

- The level of agreement of how using Ranorex Studio for test automation impacted their company:
 - Increased testing productivity and efficiency: agree
 - Shortened test cycles: agree
 - Decreased number of manual test runs: agree
 - Improved application quality and fewer defects: slightly agree
 - Increased revenue: slightly agree
 - Allowed for involvement by non-technical team members: agree
 - Led to more robust and reliable automation: agree
 - Shortened release cycles: agree
- The rating of Ranorex Studio on the following capabilities compared to other solutions they have used or researched:
 - Object recognition: significantly better
 - Ease for maintaining object repository: significantly better
 - No or low code testing with action editor and recorder: better
 - Code editor: below average
 - Cross platform testing: better
 - Cross browser testing: better
 - Remote testing: average
 - Integrations with test management solutions: average