Enhance Testing Effectiveness With Al-Infused Testing

AI-INFUSED TESTING IS A COMPETITIVE ADVANTAGE

Firms using Al-infused testing realized a number of business benefits:*

Improved productivity (77%)

Greater business coverage (77%)

Accelerated delivery (68%)

Improved quality (68%)

Improved CX (64%)

TRADITIONAL SOFTWARE TESTING TOOLS FALL SHORT

Decision-makers using only traditional automation/manual testing have low satisfaction with...‡



Reusability of testing assets



Test management tools



Testing execution

FIRMS WANT TO IMPROVE HOW AND WHAT THEY TEST

Among those using only traditional automation/manual testing...‡

75%

struggle to stabilize CI automation pipelines and quickly differentiate between failures.

73%

want to bring more analytics-based insights to their risk-based testing approach.

60%

want to identify and optimize what to test when software changes happen.

testing...•

FIRMS USING AI-INFUSED TOOLS DELIVER QUALITY SOFTWARE FASTER

Those that have adopted Al-Infused testing saw:§



5.67%
average increase in velocity via faster release cycles



10.8% average decrease in production defects



12.1

average percentage point increase in test automation coverage

Base: 316 NA and UK software testing technology decision-makers

*Base: 90 NA and UK software testing technology decision-makers using AI infused testing

†Base: 226 NA and UK software testing technology decision-makers who use only traditional automation/manual testing

§Base: 84 NA and UK software testing technology decision-makers who use AI-infused testing Source: A study conducted by Forrester Consulting on behalf of Micro Focus, December 2021