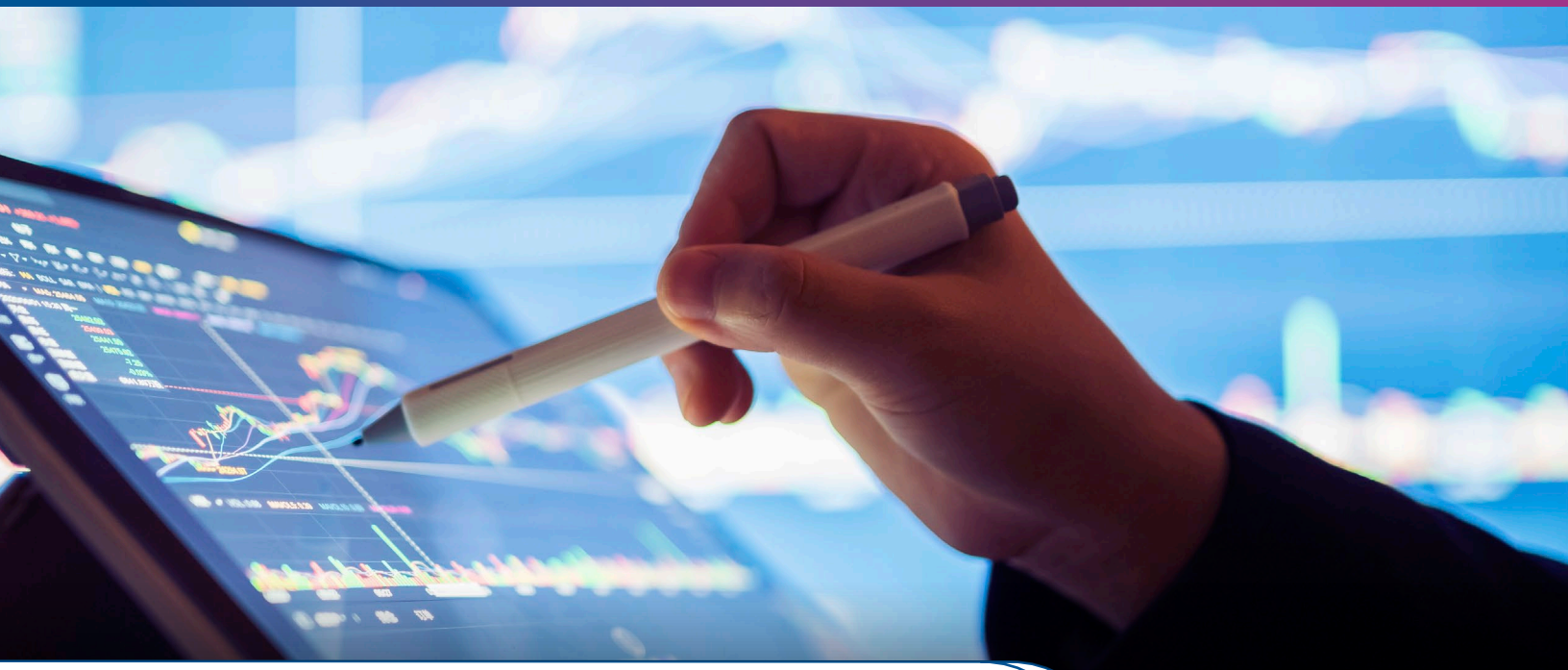


SOLUTION BRIEF

Digital Automation Intelligence

eggplant
Test Automation Software

Eggplant's DAI removes the need for traditional siloed systems, testing the full digital experience against business outcomes, enabling you to optimize resources, release faster, and deliver higher quality software and applications.

Customers use Eggplant to enhance productivity, increase test coverage, reduce business costs and automate anything. Eggplant can help you get completely automated in under 90 days.

Test smarter and faster with intelligent, AI-driven automation to optimize performance in line with user expectations, keep pace with DevOps, and drive positive business outcomes through your technology investments.

Key DAI Benefits

Obtain actionable intelligence to optimize the digital experience you deliver

- Unique combination of testing and monitoring capabilities allows you to learn from experience and feed testing insights back to DevOps.
- Test real user journeys by continuously tracking actual user movements through your website or application.
- Apply additional intelligence to your most important journeys and automatically create a model of the application.
- Relate real user behavior to desired business outcomes and determine what, if any, technical factors led to a drop in these outcomes.

KEYSIGHT TECHNOLOGIES

Future-proof your testing by combining automated exploratory testing and fixed regression packs

- Dramatically simplify testing scenarios with Intelligent Test Scheduling, which combines these traditionally separate disciplines.
- Present testing data in business terms.
- Quickly define and categorize systems under test.
- Ensure future tests optimize available resources and state specific device capabilities if required.

Access enterprise scale testing capabilities via a single user interface

- Author, schedule, execute and analyze test results via a single modern, intuitive UI.
- Easily scale execution and set limits for time and coverage levels.
- Customize rich graphical reports to provide actionable testing insight that moves beyond static pass/fail notices to identify root causes of failures.

Test any technology at every layer in any way

- Eggplant's platform-agnostic approach can test any device, OS or technology at any layer.
- Eggplant's unique, patented, Fusion Engine can intelligently understand and control the user interface as a human would, but also via APIs, Objects, Databases, etc."
- Accurately find and read text on the screen via optical character recognition (OCR).
- Improve the user experience by automatically detecting the best settings for your text.

Empower domain experts to become automation engineers

- Support digital transformation initiatives via a lowcode/no-code platform that can be utilized by domain experts, building analysts and full stack developers.
- Automatically run performance load tests on your system with no technical knowledge and no coding.
- Modernize your testing approach without adding additional budget or resources.

Eggplant DAI Success Stories

Personal Computer Company delivers 84% productivity improvement

- Company had been employing a mixture of manual testing and limited automation however, the approach was extremely resource-intensive and failed to account for how customers use the technology.
- Eggplant was selected because of the DAI's ease of use, its ability to test across a range of devices and applications and its intelligent image recognition technology.
- Business impact: Deploying Eggplant enabled them to reduce their workload to just 85 hours of human testers' time and delivered a productivity improvement of 84%.

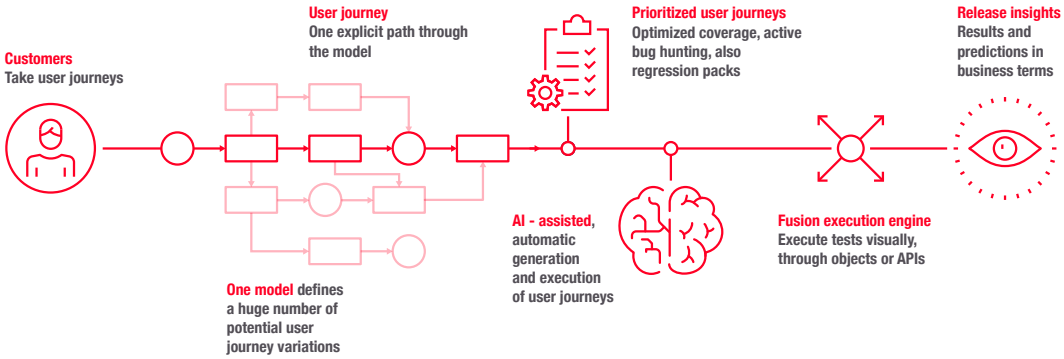
Restaurant Chain gets automated with Eggplant in just 3 months

- Restaurant chain was running 1,600 manual test cases with 0 test cases in production.
- Using Eggplant's model based approach, the customer was able to automate 100% of test cases (221 test cases and 120,043 exploratory test scenarios) in just 3 months.
- Business Impact: Person hours reduced from 160 down to just 30 hours.

Large North American Bank reduces cost of testing by 78% with the help of Eggplant

- Large bank designing and deploying next generation.
- ATMs needed to allow for the highest level of customer experience possible.
- Eggplant was used to test multiple areas of the ATM without having to create 1000s of automated test cases that would have been written once and thrown away.
- Business impact: increased test coverage by 70%, reduced cost of testing by 78%, and reduced test cycle time by 55%.

"The reason why we chose Eggplant is because of the automation… delivering estimated savings of $30 million over 5 years, reducing resources by 3x, optimizing engineering to tester ratios from 1:5 to 15:1, and expanding mobile device coverage."



Intelligent test automation

Eggplant uses scriptless models, AI, and analytics to expand automation beyond test execution across the full testing process.

The Eggplant DAI is the next-generation technology you need to truly transform testing for the digital age.

Learn more at: www.keysight.com/find/eggplant

For more information on Keysight Eggplant products and solutions, please contact us.
Learn more about Keysight Technologies at www.keysight.com

KEYSIGHT TECHNOLOGIES

This information is subject to change without notice. © Keysight Technologies, 2021, Published in USA, July 27, 2021, 7121-1158.EN