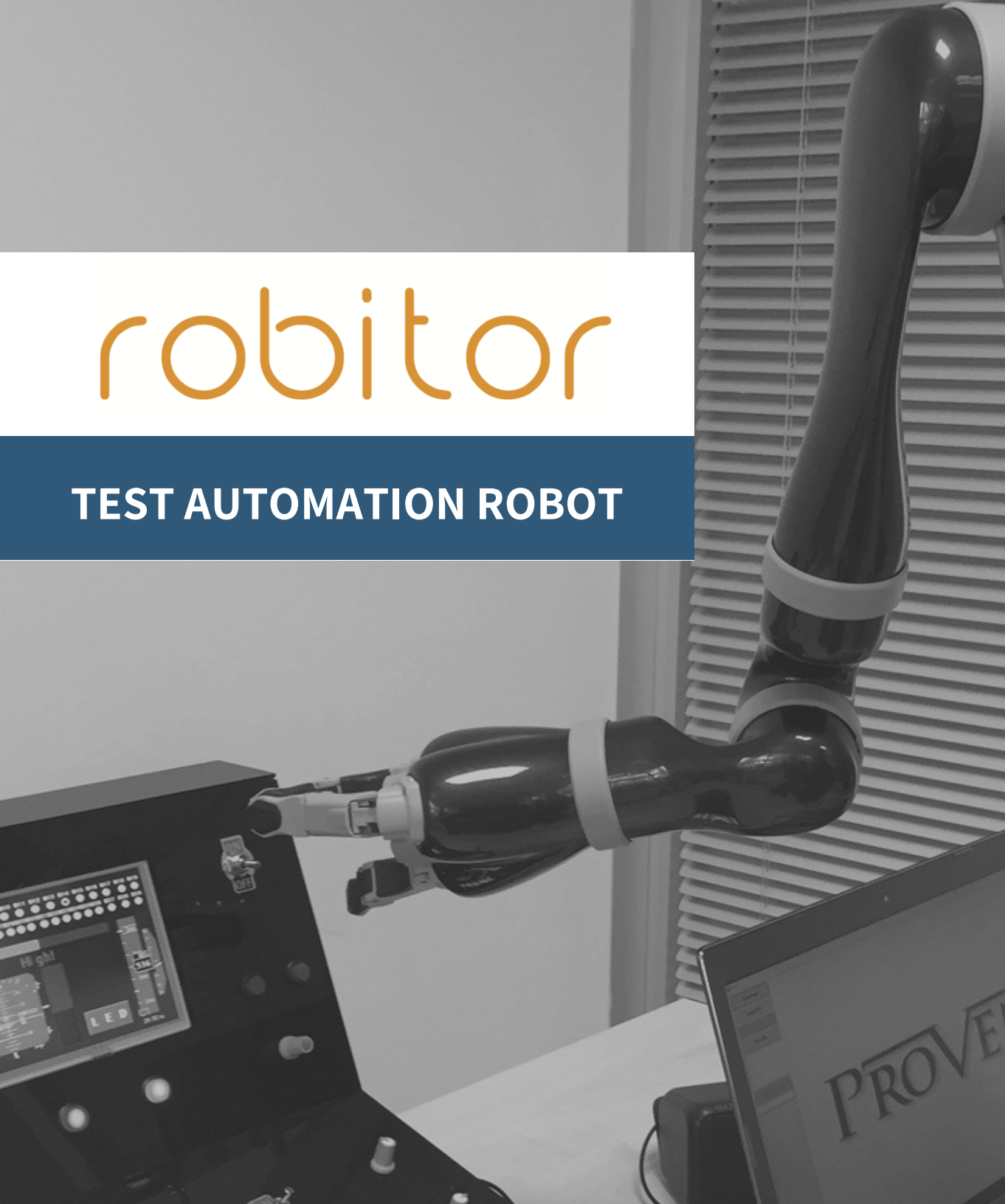




robitor

TEST AUTOMATION ROBOT

PROVEN

"THE IDEA OF
DEVELOPING A TEST
AUTOMATION ROBOT
EMERGED FROM OUR
EXPERTISE IN TESTING
AND THE LATEST
DEVELOPMENTS IN
HUMAN COMPUTER
INTERACTION, IMAGE
PROCESSING AND
TESTING
TECHNOLOGIES."



www.proven.com.tr

THE MOTIVE

Software testing phase, where verification and validation of software is realized, is an indispensable phase of software development life cycle. Automating the testing process has clear benefits including reducing the overall software cost, improving the software quality and increasing the effectiveness of testing activity. The effectiveness of software testing is critical in preventing the delivery of faulty products to the customer. However, most of the time, this phase is not thoroughly carried out due to schedule and resource constraints.

PROBLEMS ADDRESSED

- ⊖ Allocated time to develop and run tests is not adequate
- ⊖ Engineers are demotivated by routine and repetitive tasks
- ⊖ Test environment utilization rate is not 100%.
- ⊖ As a result, full-scale tests are often not carried out

BENEFITS

- + Running tests with less workforce and in wider scope
- + 7/24 usability of test environments
- + Test engineers having more time to spend on testing strategy and test design thus increasing test quality
- + Minimising human related errors and producing reliable and reproducible test results
- + Reducing test activity costs
- + Opportunity to utilize test engineering workforce in higher value added tasks by transferring the routine activities to robots
- + Creating an infrastructure for machine learning in testing

robitor

Robitor is an efficient, 7/24 usable, cost effective and error minimising robot testing system. It introduces robotic technology to system testing that brings in human user simulation capability. The system executes defined tests like a human operator, minimising human errors and test activity costs.

MAIN FEATURES

- ✓ Use of robotic technology in System / User level tests
- ✓ Providing infrastructure for development of easy to understand test scenarios by applying Behaviour Driven Testing methodology
- ✓ Independency from the operating system and programming language of the system under test
- ✓ Testing of the system through use case scenarios and physical interfaces
- ✓ Running defined tests like a human operator, evaluate the test outputs and report test results

"WE INTRODUCE
ROBOTICS
TECHNOLOGY TO
SYSTEM TESTING FOR
UTILIZING THE TEST
ENGINEERING
WORKFORCE MORE
EFFECTIVELY."