

Infosys cobalt

Infosys Package Test Automation
Solution(IPTAP)

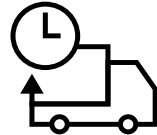
QA Challenges in Package Application Testing

COMPLEX TRANSFORMATION PROGRAMS



- ✓ Oracle Cloud transformations
- ✓ Salesforce classic to lightning migrations
- ✓ Pega implementations
- ✓ Legacy to Microsoft Dynamics

ON DEMAND REGRESSION AND E2E TESTS TO GO TO MARKET FASTER



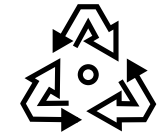
- ✓ Organizations moving from Agile to DevOps adoption
- ✓ Continual changes due to support, maintenance, and business initiatives

COMPLEX TEST DATA DRIVEN E2E TESTS



- ✓ Lack of self driven and automated test data to orchestrate test runs
- ✓ Dependency on People for expertise on end-to-end systems

LESSER RE-USE INCREASING MAINTENANCE COST



- ✓ Non-standard way of scripting leading to higher maintenance efforts
- ✓ Higher number of automation related defects

Infosys Package Test Automation Platform

iPTAP provides best-in-class end to end automation platform to accelerate testing across functional and integration test cycles. It's UI-Based script less automation approach with interactive persona-based dashboard

Overview of IPTAP and Solution Features

iPTAP is a tool agnostic test automation solution for multiple package and non-package applications. It's multi-framework environment, highly customizable, multiple browser test support, business process centric, export and Import functionality makes it easy to deploy, adopt and deliver with speed

Key Use Cases

1. Oracle Cloud transformation
2. Salesforce migrations,
3. Pega to MSD360 migrations
4. On-Premise to cloud transformations
5. Multi-site and Multi-country roll outs
6. Upgrades and Patches
7. New implementations and customizations

E2E Platform

ST,SIT, Reg, E2E,Data, API testing can be performed across technological applications like Microsoft Dynamics, Pega, Salesforce, Oracle Cloud, any web applications

Cloud and Non-Cloud Tests

Data Driven

Automation runs can be performed end to end on multiple sets of data orchestrated based on business or program requirements

Parallel executions

Multi-Framework

Automate using any framework – Selenium with Java, Selenium with Python, Protractor using a code less scripting through UI and self healing for handling dynamic objects

Hyper Automation

CI-CD Enabled

Automation scripts can be pipelines and triggered through Jenkin as and when code commit takes place

DevOps integrated

Business Process

Pre-built test components ready to use to build custom automation scripts supporting micro service architecture and new business process can be built

High Re-use

Dashboard

Persona based dashboard providing details report at program level, project level, module level along with detailed test result capture with screenshot

Interactive and Dynamic

Key Differentiators and Value



ELIMINATE

Zero scripting efforts through Hyper automation and Self healing



UNIFIED PLATFORM

Replicate automation in any framework



SELF-SERVICE

One click test orchestration



SHIFT-LEFT

Early test automation



MONITOR

Proactive Monitoring and Communicate Frequently

Delivered Benefits



Business Productivity

Up to **50%**

Test Acceleration

Platform and data transformation



Actionable Insights

Up to **40%**

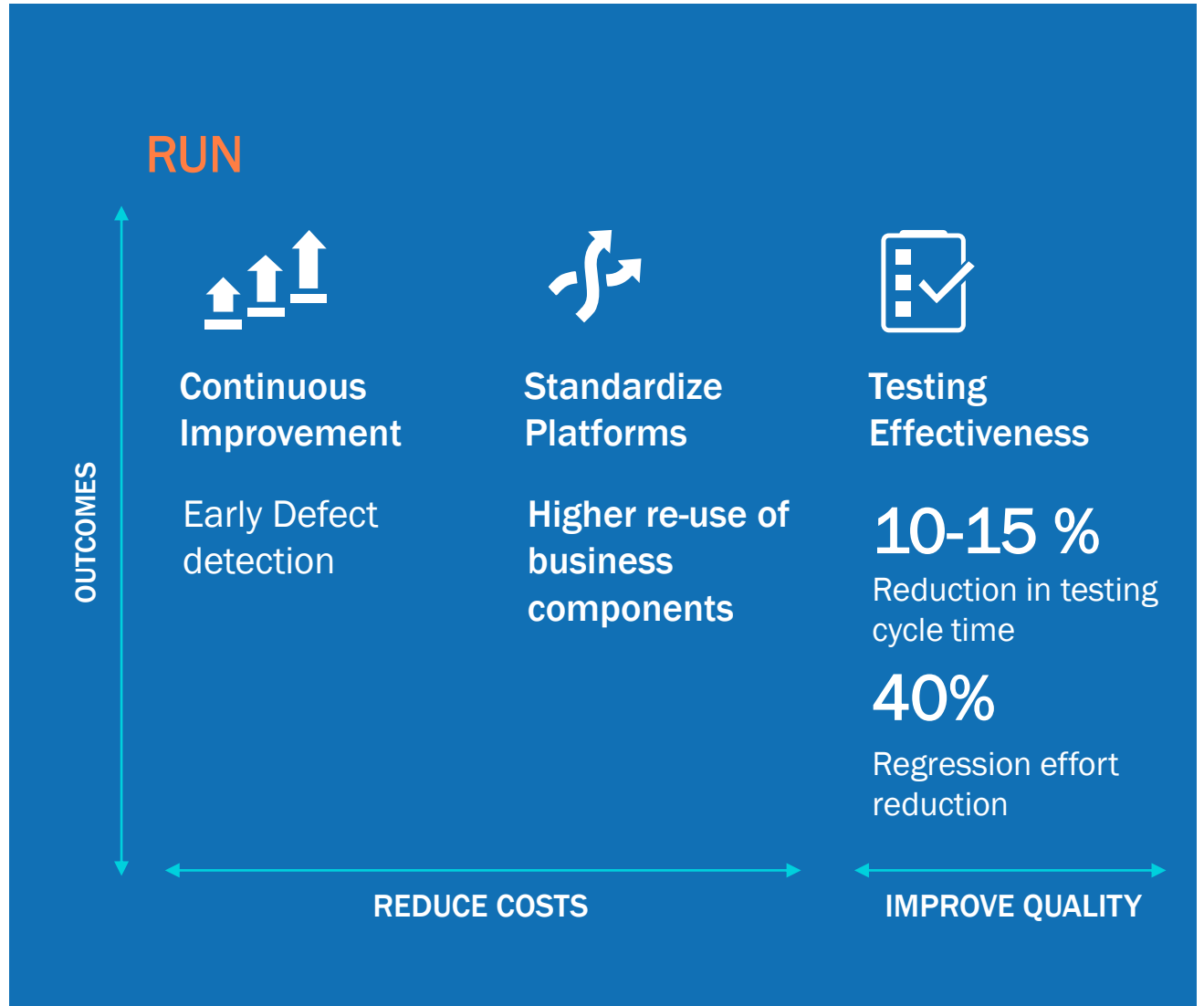
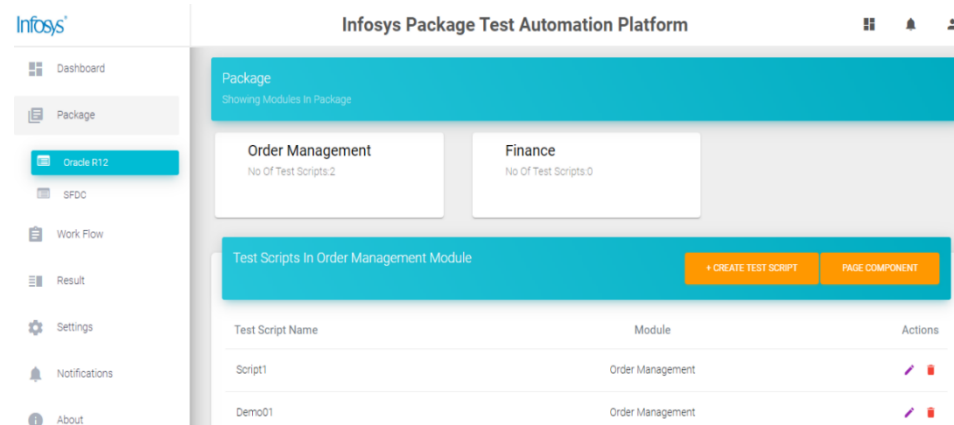
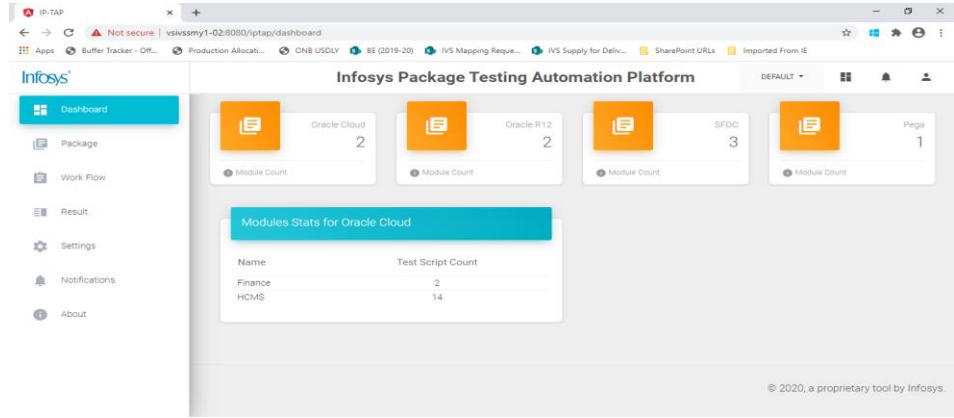
Faster time to market

Real time Dashboards



DRIVE PRODUCTIVITY

Preview of the tool and its benefits



A series of vertical bars of varying heights and colors (light blue and white) arranged horizontally across the top of the slide.

THANK YOU

© 2021 Infosys Limited, Bengaluru, India. All Rights Reserved. Infosys believes the information in this document is accurate as of its publication date; such information is subject to change without notice. Infosys acknowledges the proprietary rights of other companies to the trademarks, product names and such other intellectual property rights mentioned in this document. Except as expressly permitted, neither this documentation nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, printing, photocopying, recording or otherwise, without the prior permission of Infosys Limited and/ or any named intellectual property rights holders under this document.