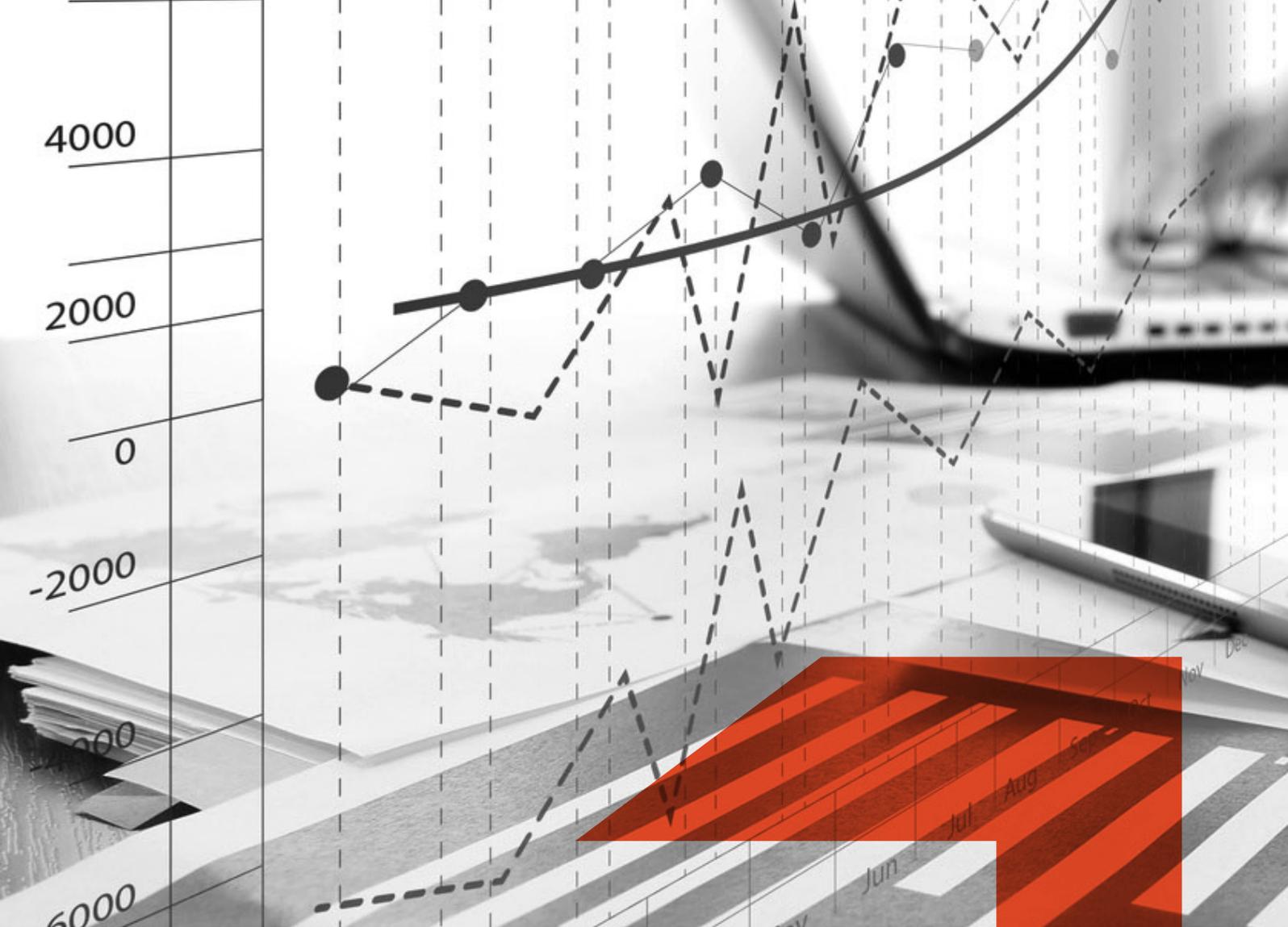




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mTAF

40% Reduction in Testing Effort
with IGT Mobile Test Automation
Framework



Optimize Time & costs with Holistic Framework Driven Automation

Mobility's impact on Travel has created bigger challenges and opportunities in an on-demand ecosystem where devices and demand interact for a seamless experience. Technology advancements and connected travel are further headlining this shift for improving productivity, flexibility and costs of smoother business transactions. A well-planned, comprehensive testing strategy can go a long way in ensuring successful deployment of new systems and applications without business disruptions.



Framework Driven Mobile Test Automation





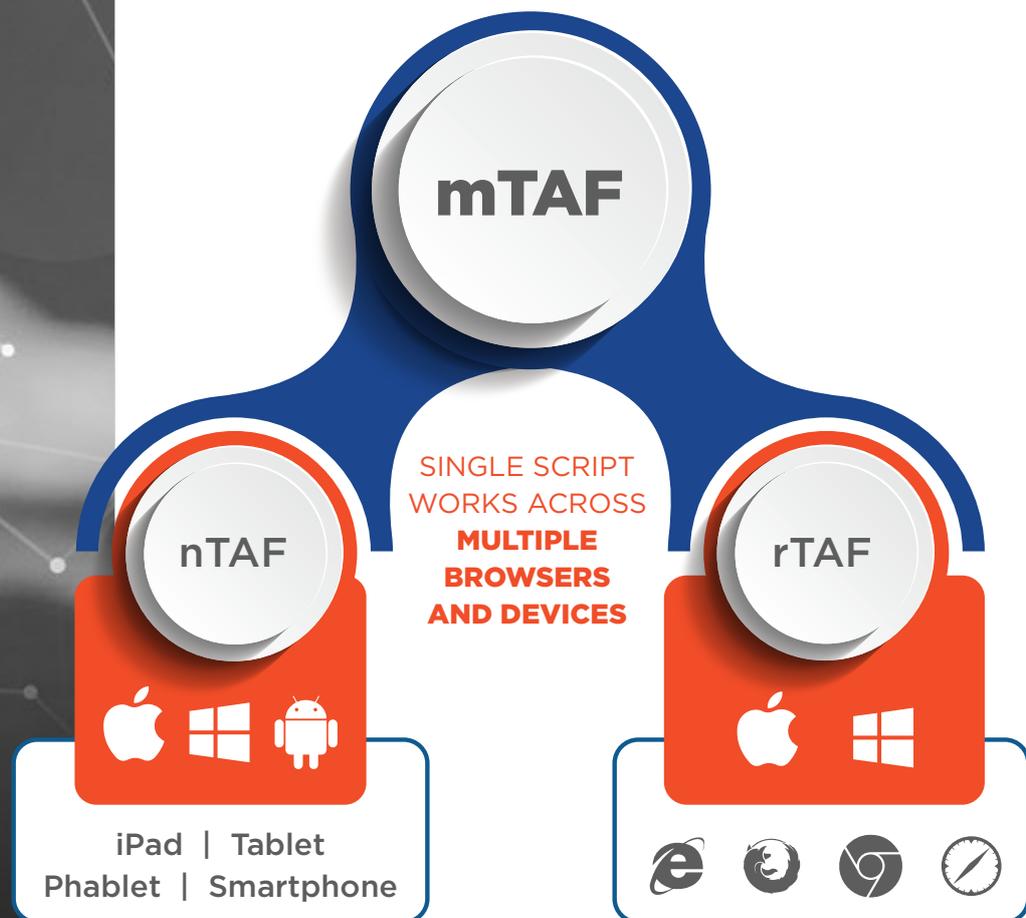
Mobile **Test Automation**

Mobility has become a crucial game changer impacting global businesses. Mobile apps are now the go-to-vehicles to drive enterprise productivity and meet traveler demands at various journey touch points from a single platform. More critically, these devices provide businesses with a potential lifeline that can keep pace with ever-changing operating systems and user interfaces. Any fault or break in the app services can essentially create disconnect or worse, turning into a negative brand experience.

Therefore automated mobile app testing has become critical to deliver high-quality mobile apps and expedite time to market.

IGT mTAF

IGT mTAF is a robust and extensible framework to support test automation on diverse sets of native/hybrid apps and responsive web applications across different platforms (Android, iOS). It is an in-house hybrid automation framework which leverages open source tools like Appium to help automate applications on multiple platforms. The framework is easily extensible to other mobile automation tools in market and has been extended to HP Mobile Centre as well.



mTAF is a strategic mobile automation solution which encompasses Native Application Test Automation Framework (nTAF) and Responsive Web Application Framework (rTAF) to provide extensive coverage to a complete set of mobile applications.

Features

- Over 50 reusable travel booking functions available
- Pre-designed mobile application events
- Object-based actions for robust scripts
- Smart tagging of travel repository test cases to allow selection for execution based on “release objectives”
- In-built keyword library and error handling
- Reusable scripts to run on multiple platforms
- Supports execution in unattended mode
- Supports multiple mobile devices and platforms (Android, iOS)
- Scalable to other automation tools in case of business needs



Benefits



TIME

40% reduction in overall testing time



COST

30% decrease in cost with use of open source tools and no licence cost



EFFORT

40% reduction in test maintenance efforts in numerous test automation engagements



PRODUCTIVITY

30% enhancement in productivity



COVERAGE

30% increased regression test coverage



EXTENSIBILITY

Seamless integration with leading commercial and open source test tools

Why IGT?

IGT Solutions is a leading IT, BPM and Digital solutions and services provider committed to deliver innovation and business excellence across the entire spectrum of Travel, Transportation and Hospitality domain.

Managing highly differentiated customer experience for leading 70+ travel brands.

Over 20 years of travel domain-led solution development experience, enabling end-to-end solution delivery.

IGT employs more than 12,500 travel professionals in 5 continent, has 17 state-of-the-art delivery centers, and worldwide operational presence.

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