

# Delivering quality anytime, anywhere

## Effective mobile device testing strategies

In the always-on culture of the digital age, is your business prepared for customer demand to access your systems with their mobile devices?

Digital initiatives in mobility and other digital aspects of business is growing. Qual IT's 2016 Digital Readiness Study, "Buzzword or benefit?" showed that 40% of participants see digital as relevant to their business. With the digitisation of IT and methodologies like Agile and

DevOps being more widely adopted, the need for testing to align to development requires innovative solutions, especially when it comes to device application testing.

### Get ready for mobile application testing

Each company progressing towards digitisation of their business faces multiple test challenges, the quality of mobile applications being an increasingly pressing one. Qual IT has

developed an offering to help you deliver better, quicker and more cost effective mobile solutions.

*70% of New Zealanders rate their smartphone as the device of choice, up from 48% in 2013<sup>1</sup>*

<sup>1</sup> Research New Zealand, "A report on a Survey of New Zealanders' Use of Smartphones and other Mobile Communication Devices, 2015."



## Key challenges

- Complexity of set up i.e. multiple operating systems, multiple devices and costly tools
- Current test practices/tools don't support time-to-market expectations
- Frequent releases applying additional pressure on current test resources

## Solution

- Automated regression suite prepared for actual device applications
- Regression testing using real devices on New Zealand based conditions
- Early Proof of Concept phase to ensure a fit for purpose solution
- Customised to meet individual client requirements – including on-site/off-site/on-demand services

## Key benefits

- The confidence of testing on real devices using New Zealand conditions
- Efficient automated regression testing
- Detailed reporting to compliment your test framework
- Easily adaptable and maintainable test suite
- Quick and agile three to six-week implementation phases
- Cost-effective solution for automation resources; devices and data plans, and operating system updates

## The technology

- Testing of mobile applications - iOS v9.1 and Android v4.3 onwards
- Testing across real devices – not mobile emulators
- Functionality on client .apk (Android) or .ipa (iOS) files, test data and access to test environment
- Proven automation framework – tailored for regression purposes

# Are you ready for the challenge?

Qual IT provides IT quality assurance services to some of New Zealand's largest and most successful organisations. Clients partner with Qual IT to gain greater confidence that their major IT investments will deliver.

We help organisations begin with the end in mind, focussing on how best to achieve a quality return on IT investments. From developing the initial IT strategy, scoping projects through to delivery and maintenance, Qual IT help you focus on what's critical to getting a successful outcome.

Qual IT is here with a qualified, capable team and equipped with proven processes and tools to ensure you get it right throughout the entire journey.



Qual IT. Get Ready.  
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