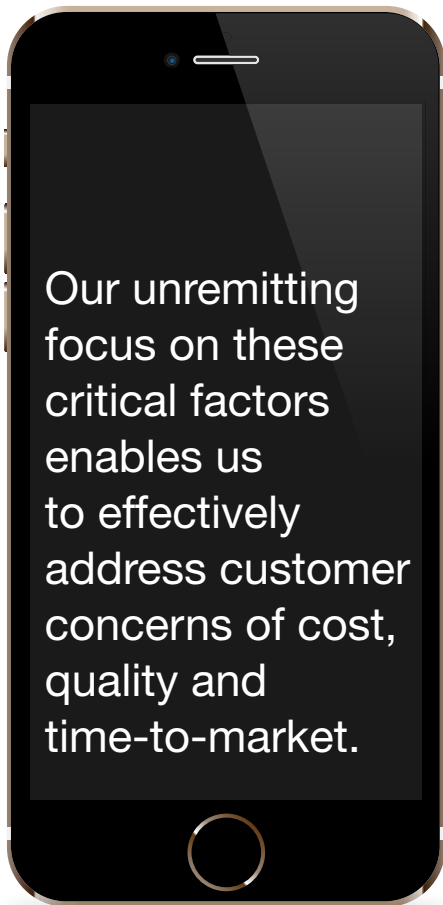# MPHASIS ON ACCELERATED MOBILE TESTING

Smart. Fast. Effective

Each day, thousands of mobile applications are launched worldwide and consumers' demands are relentless when it comes to reliability, security and usability. Therefore, the need for a superior mobility testing process which certifies the success of the backend application and its interface, cannot be ignored.

The Mphasis Accelerated Mobile Testing Framework addresses the critical industry drivers of security[1], interoperability, cloud-based solutions[2] and services[3], tool independence, certification and compliance on a service-based model. We also understand your market concerns and have the technology and expertise to implement smart, reliable and quick-testing solutions. At the foundation of Mphasis Accelerated Mobile Testing Solution are five factors:

INDUSTRY FACING CUTTING-EDGE MOBILE APPLICATION TESTING

Our unremitting focus on these critical factors enables us to effectively address customer concerns of cost, quality and time-to-market.

End-to-End lifecycle

Development, Functional, Performance & Monitoring

Reality — Ability to test on real devices

KNOWLEDGE

Integration with ALM

RELIABLE — Enterprise Visibility

QUICK — SOLUTIONS — ABLE — FLEXIBLE — STABLE — CAPABLE

Mobile Testing — considerations

BUSINESS — VALUE — EXPERIENCE

PERSPECTIVE — Automation — DEVELOPMENT — TECHNOLOGY — Device Management — DELIVERY — QUALITY

To achieve Scalability, flexible & device agnostic

Cloud-based, Shared & remote access, Secured & centralised

¹Source: Juniper Research - Market for cloud-based mobile applications will grow 88% from 2009 to 2014

²Source: IDC - Cloud services makes up 10 percent of worldwide IT spending for the year 2013 as against 5% in 2009
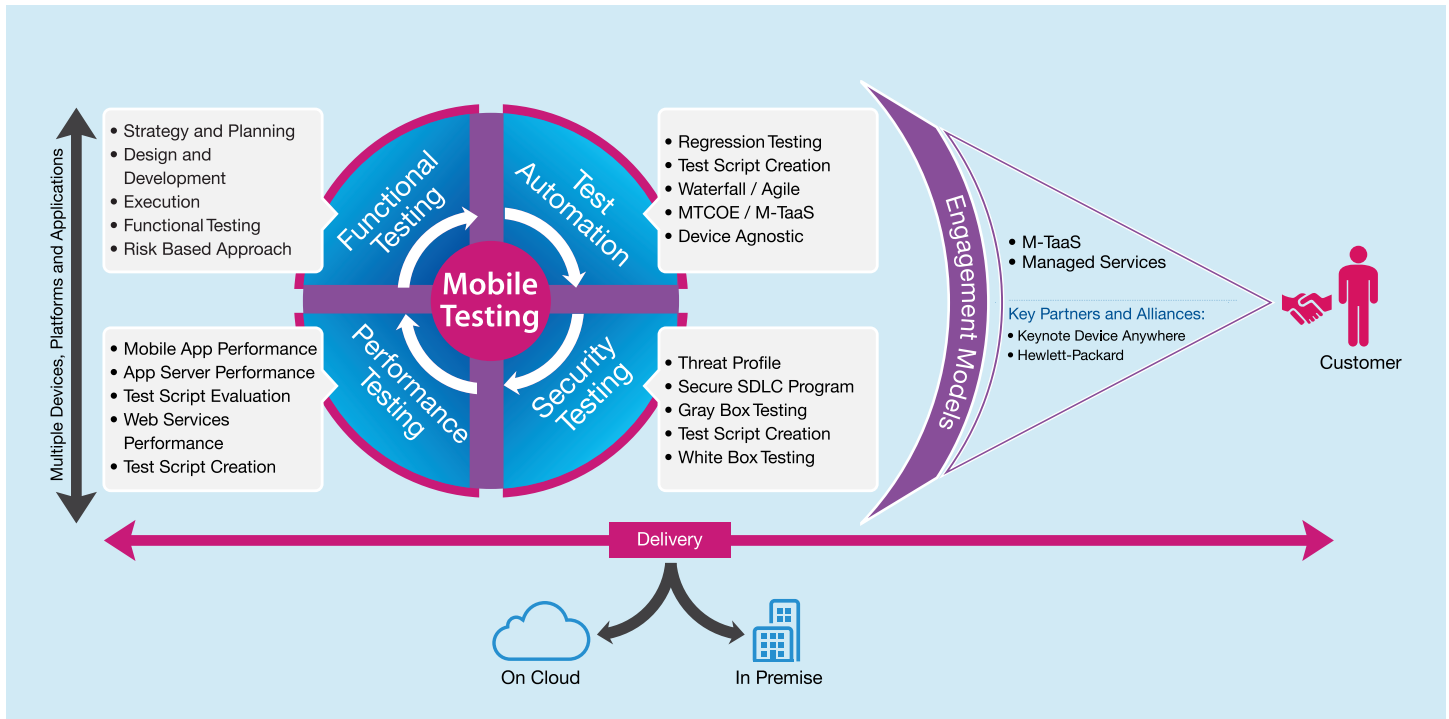
³Source: Juniper Research - Mobile Malware grew 614% from March 2012 to March 2013. An alarming 73% constituted fake installers / SMS Trojans and 27% constituted all other malware in the Android segment

Our Differentiators

- Platform and device agnostic solution aligned to your strategy and testing lifecycle
- Automation framework based on HP-Quick Test Professional (HP QTP/UFT) to accommodate re-use and guarantee optimum time-to-market
- Modular testing framework and faster script development to offer up to 50% reduction in test case development
- Reusable testing frameworks to continuously evaluate new tools and technologies and reduce effort and cost
- Best-in-class processes and consistent benchmarking against industry standards to drive quality
- Unique service models for different customer requirements that provide an option of bundling tools, devices and resources as a part of the service model.

  Consumption-based model that is output-driven and charged on a pay per usage basis (bundled with tools and resources)
- Specialized tools and alliances to complement the solution Mobile Testing Center of Excellence (MTCOE) and Mphasis
- Testing as a Service (M-TaaS) help users utilize various test offerings and also access Mphasis' alliances/partnerships and frameworks/accelerators to:
  - Provide a Center of Excellence model for testing wherein common processes, methodologies and tools can be shared across various lines of business in an organization
  - Test the enterprise and mobile applications before deployment
  - Perform 'Proof of Concept', and testing of products and solutions
  - Perform integration, interoperability and evaluation of products
  - Provide 'pay for usage' model that combines resources and tools into a pure operational-based model through M-TaaS

The Mphasis Advantage

The combination of in-depth technology knowledge and experience, understanding of market requirements and alignment to strategic business metrics gives the Mphasis team an undeniable edge and offers you substantial benefits:

Reduced Cost

Reduce costs by up to 50% by addressing mobile testing infrastructure cost concerns through:

- Cloud-based solutions and alliances with cloud service providers for device provision
- Test automation and device ownership so that there is no expense incurred by the customer on automation tools, performance and security testing

Adaptability

Scope for extending the testing solution by:

- Accommodating various application types (Native, Web, and Hybrid), mobile platforms, device types and network types
- Performance Testing (Network virtualization solution and network conditions)

Security

Address security concerns across threats, industries and platforms by:

- Validating mobile applications against certification standards complying to Open Web Application Security Project (OWASP), Mobile Top 10 and other standards

Scalability & Stability

Counter frequent changes and upgrades through:

- Parallel execution across devices for faster time-to-market
- Modular testing framework with high component reusability for test case development and execution

Quality

Assurance on quality across all platforms and assured test script execution with fault tolerance tool and process standardization:

- Mphasis automation framework (universal for web and mobile applications)
- Uniform quality across all platforms (devices) Transparency on the test coverage
- ALM (Application Lifecycle Management) integration based on scenario-driven testing structure

Mphasis' Accelerated Mobile Testing Solutions will help reduce time and cost spent on your testing efforts while ensuring the highest quality and efficiency.

About Mphasis

Mphasis (BSE: 526299; NSE: MPHASIS) applies next-generation technology to help enterprises transform businesses globally. Customer centricity is foundational to Mphasis and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized ($C = X2C_{TM}^2 = 1$) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization are key to building strong relationships with marquee clients. To know more, please visit www.mphasis.com

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