

## Mobile Testing: Astegic's QA Approach for Next-Gen Enterprise Mobility

### Mobile App Testing

In the new age of mobile-driven engagements, individual end users as well as enterprises seek increasingly accurate, timely and secure mobile experiences -- all on the go. While this brings tremendous opportunities for businesses to deliver engaging mobile applications to users, it also brings significant challenges. Competitive advantage lies in overcoming the challenges and harnessing the power of mobility.

As the mobile landscape has evolved with the coming of new mobile technologies, device diversification, and radically changed consumption patterns such as BYOD; we have empowered our clients with new approaches to mobile testing to help them continuously stay on top of new technology trends. At Astegic, we have developed a mobile testing strategy by combining the latest tools and approaches in mobile testing, and close to two decades of hands-on-experience in testing various mobile applications across different mobile OSs from and across diverse service providers.

To overcome critical challenges of OS and device diversity while striving for cost effectiveness and speed-to-market, our approach to mobile testing incorporates the adoption of testing throughout the application lifecycle.

Astegic's unique strengths in testing services include:



#### Functional Testing

To use scripted & unscripted methods



#### Automation Testing

For test process optimization & scalability



#### Security Testing

To mitigate risks and threats



#### Usability Testing

For rich & intuitive user experiences



#### Performance & Load Testing

For greater resistance

Testing service	Our approach
<b>Functional Testing</b>	We use both unscripted and scripted functional testing methods to ensure that the mobile applications we test fully meet the requirements for which they were designed.
<b>Automation Testing</b>	Mobile automation testing determines the speed at which we perform testing. Automation allows for greater scalability and boosts our client's chances of releasing bug-free code.
<b>Security Testing</b>	Security testing validates if the application's information system possesses the ability to protect data, and keeps critical mobile data secure against threats and attacks.
<b>Usability Testing</b>	Through usability testing, we test to see if our client's mobile applications are easy to use and ensure that they provide a rich, intuitive and consistent user experience to end users.
<b>Performance &amp; Load Testing</b>	Various stress-tests determine realistic response and load times using various browsers, application performance under network conditions, and dependability over a certain period of time.

## Mobile QA Approach

Our proven Mobile Testing best-practices, approaches and capabilities set us apart in delivering comprehensive Mobile QA solutions that overcome critical technical and business challenges.

We leverage our Testing Center of Excellence (TCoE) that boasts of resident Mobility QA Professionals and SMEs, and a state-of-the-art mobile application testing lab with the most up-to-date testing infrastructure.

## Mobile Testing Key Differentiators

At Astegic, we enable enterprises to stay on top of rapidly evolving technology trends impacting the mobility landscape by offering comprehensive solutions encompassing the end-to-end lifecycle of mobile applications.

We have established key metrics and methodologies, combined with over 15 years of

experience in QA space, to enable us to deliver Mobile QA solutions that achieve consistent outcomes in terms of time and cost benefits. We do this through:

- **State-of-the art infrastructure including a best-in-class mobile validation lab.**
- **100+ inhouse physical mobile devices, device simulators for mobile platforms and OSs, and automation tools.**
- **Affiliation and alliances with leading mobile tool providers.**
- **A trained pool of mobile testers with expertise in functional as well as usability testing.**

### Our QA services

Astegic offers a comprehensive suite of Testing & Quality Assurance Services, providing Test Management, Test Automation, Test Process Improvement, Performance Testing and Advisory.

Talk to us to learn more about Astegic's QA Services [↗](#)



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**About Astegic**

Astegic is a US-based Quality Assurance (QA) company with its offshore global delivery center in India. For 15 years, Astegic has been helping Fortune 500 through startup companies with their Testing & QA needs. With our in-depth experience across a wide range of industries, our clients receive innovative and best-in-class service and solutions. We offer near 24/7 rapid service from both Astegic's US and India based testing operations. Astegic has a dedicated Testing Center of Excellence (TCoE), specializing in providing solutions across Mobile, Cloud and API testing.