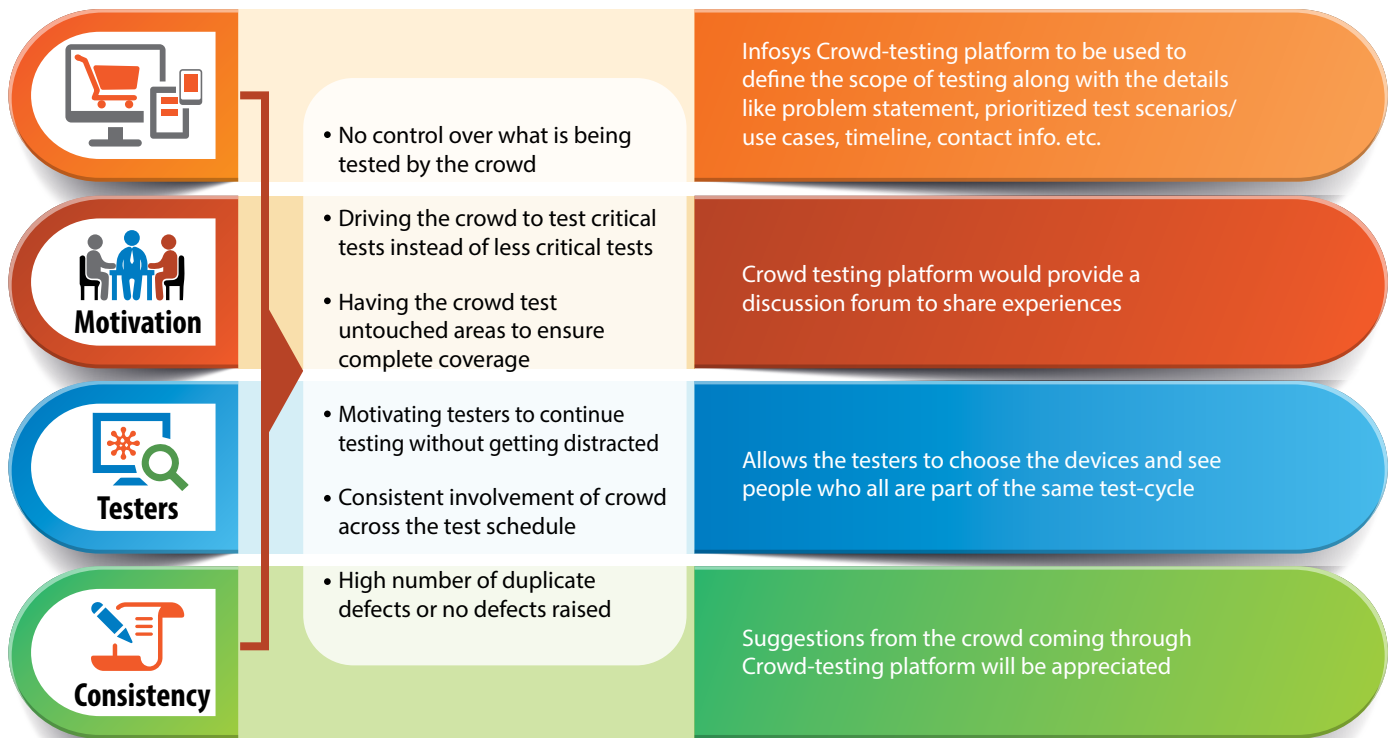


## Infosys Crowd Testing Platform

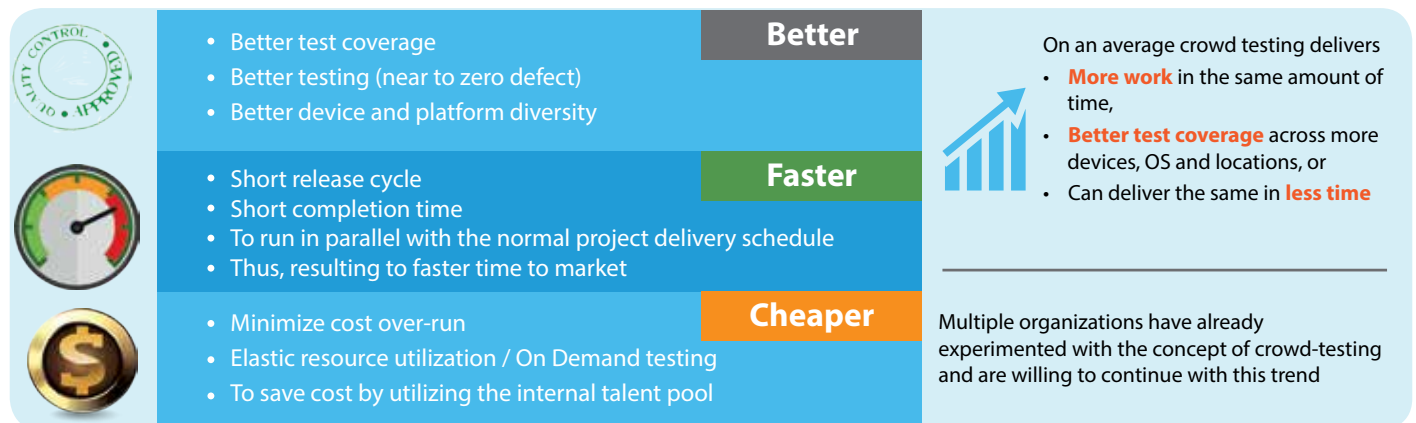
Crowd Sourced Testing, as popularly known as Crowd testing, is an emerging trend in software testing which exploits the benefits, efficiency and effectiveness of the cloud platform and more importantly crowdsourcing. Crowd testing is best viewed as a complementary alternative to traditional testing services. It is viable in both agile as well as waterfall scenarios. The 'crowd' can help uncover defects in various quality vectors, such as functional, security, load, localization, and usability.

Infosys Crowd Testing platform is a cloud-based portal that leverages the experience of the Infosys crowd (its employees) to identify critical defects. The Infosys crowd compliments dedicated testing teams and brings in knowledge, demographics, and device diversity to uncover defects that are hard to identify during routine testing in a simulated environment.

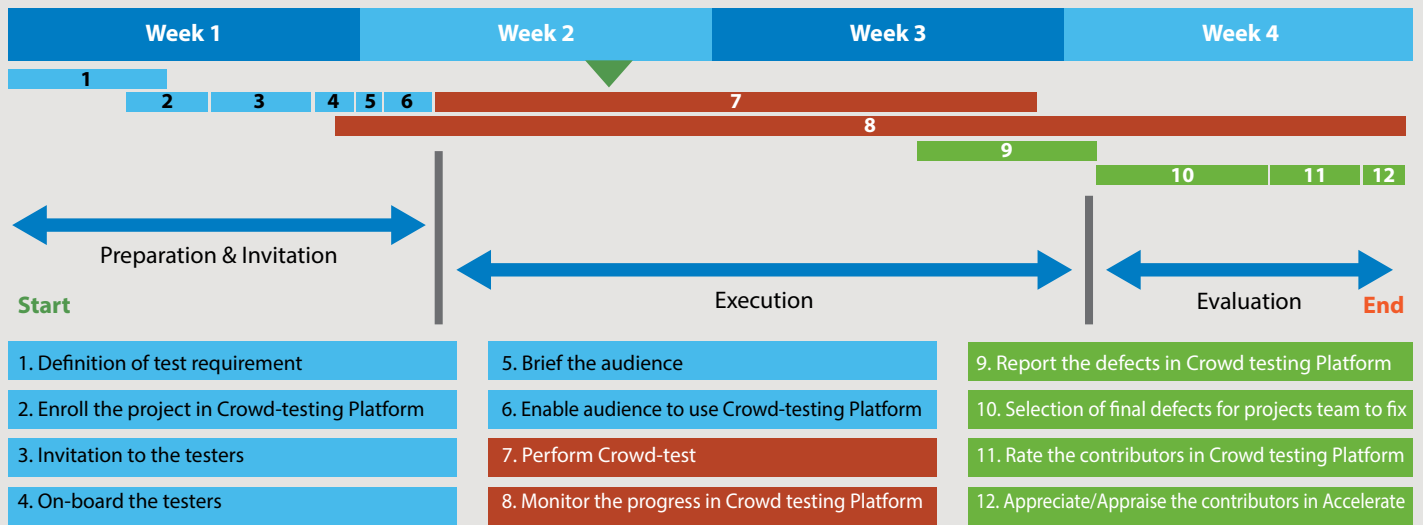
### Addresses key challenges to make crowd testing a success



### Better, Faster and Economical



## Crowd testing timeline



## Four testing types that uncover multiple opportunities

Test Types	Opportunity Areas
<b>Mobile Application Testing</b>	<ul style="list-style-type: none"> <li>• Crowd sourcing can be a key piece of a test strategy for enterprise mobile apps aimed at customers</li> <li>• Lack of Tools and Expertise to test effectively</li> <li>• Multiple platforms and form factors. Need for device level testing</li> </ul>
<b>Usability Testing</b>	<ul style="list-style-type: none"> <li>• Feedback from crowd would help fix UX (User Experience) issues</li> <li>• Close control feedback and better coverage</li> </ul>
<b>Penetration Testing</b>	<ul style="list-style-type: none"> <li>• Increased coverage and more complex vulnerabilities uncovered by crowd</li> <li>• Penetration testing on any platform, including network, web and mobile application</li> <li>• While application, data security can be a concern this can be circumvented by having a Non-Disclosure Agreement (NDA) or similar process</li> </ul>
<b>Performance Testing</b>	<ul style="list-style-type: none"> <li>• On demand scalability and flexibility. Able to simulate real world traffic from different geographies with minimal cost for and investments by clients</li> </ul>

### Key features that boost capabilities

- Scalable, cloud-based, self-service platform that can capture stakeholder requirements, including number of testers, devices, operating systems, browsers, etc.
- Test cycle dashboard for measuring defects by status and severity
- Ability to define multiple groups including testers, validators, and reviewers
- Tester profile page and tester forum for knowledge exchange and SME identification
- Gamification and leaderboard to identify and reward top testers
- Reporting features to analyze defects, crowd diversity, etc.

### Benefits

- Access to Infosys employees who are well-versed with Infosys proprietary and generic testing methodologies and processes
- Diversity in terms of knowledge, experience, demography, and devices
- Scalable crowd that can be resized as per requirement within a very short notice period
- Extreme collaboration between Infosys crowd testers and dedicated testing teams, leading to improved efficiency, better test coverage, and shorter test cycles

### Success story: Identified 4000 defects in two weeks

An Australian financial services client leveraged the Infosys Crowd Testing platform to conduct an exploratory testing on the static content of their public portal in order to identify usability and accessibility-related defects on the site and provide suggestions to enhance the user experience. Over a period of two weeks, more than 2,000 Infosysians from around the globe crowd-tested the application and identified over 4,000 defects and provided 800 suggestions.

For more information, contact [askus@infosys.com](mailto:askus@infosys.com)



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