

# Testing 4.0 – The Next Generation of Quality

## Powered by Crowd & Cloud Technologies

Testbirds offers a multitude of different testing methods for the optimisation of software in the areas of Quality Assurance and UX & Usability. In addition, the service provider has developed a range of exclusive services, which support businesses in improving their software, products and processes.

### Quality Assurance: A Focus on Functionality

- **Exploratory Bugtesting**  
Crowdtesters search for functionality defects by performing typical use cases
- **Test Case Execution**  
Structured manual or automated test cases are performed with the crowd or with TestChameleon™ to identify bugs and defects
- **Test Case Creation**  
Experts from the crowd create test cases for manual or automated software testing
- **Testing Environment**  
TestChameleon™ provides access to completely virtualised testing environments with endless combinations of operating systems and software
- **Localisation Testing**  
The crowd checks the localisation of software onsite and in its corresponding target markets
- **Regression Testing**  
Repetition of test cases to reveal defects that occur due to software changes, development and maintenance

- **Load and Performance Testing**  
The stability and performance of software is investigated by using crowd and cloud based technologies
- **Bug Bounty**  
The crowd hunts for gaps in security or critical bugs and their causes

## Usability & UX – Verifying Usability

- **Prototype Evaluation**  
Surveying the target group during conception phase about aspects such as design, navigation and usability
- **Card Sorting**  
By using virtual cards the crowd defines a clear and logical navigation structure
- **Usability & UX Study**  
Usability and User Experience can be evaluated under real conditions by asking testers who correspond to your potential target group
- **Remote Usability Videos**  
Clients get detailed insights into users' thoughts by recording all their steps on video
- **Comparison Study**  
The crowd chooses whether they prefer version A or version B of an application or which features are preferred over others
- **Competitor Analysis**  
Test the strengths and weaknesses of digital products of your competitors, if necessary, can be conducted in comparison to your own software
- **Pre-App Store Rating**  
Prior to release, the crowd predicts your application's future app store rating

## Testbirds Exclusives – the special services

- **BugAbility™**  
Functionality testing and usability feedback – the “all-in-one service”
- **End-to-End Testing**  
Test the interactions and interfaces the digital and real world with the crowd
- **Bring-Your-Own-Crowd™**  
This approach allows employees and clients to form the testing group - great for enterprise applications
- **On Premises and SaaS**  
For internal testing, the Testbirds platform is available as a customised white label solution in the corresponding corporate identity
- **App Distribution**  
With BirdFlight™ beta apps can be shared safely for free via the internet
- **Training Academy**  
Practical and applicable training on the core competences of Testbirds – testing with crowd and cloud based technologies