



International Mobile Testing

Plan The Mobile World

- Mobile Revolution & Trends
- Mobile Devices
- Operating Systems
- Native apps & Mobile Web

Mobile Challenges

- Generic Challenges
- Test Specific Challenges
- Platforms and Compatibility
- Data Entry
- Unique functionalities: location, orientation, and more
- Hardware Complexity
- Application Complexity
- Store challenge: Apple, Android, Microsoft and others...
- Security & Carrier Issues

Mobile Testing Priorities

- Functionality
- Performance
- Efficiency
- Compatibility
- Usability
- Interoperability
- Installability
- Conformance
- Security
- Regression Testing
- User acceptance

Mobile Testing Approaches

- Real Device Testing
- Emulator Testing
- Cloud Testing
- Community Testing
- Components, Procedures, Testing Lifecycle
- Building a Mobile Testing Strategy and Policy

Mobile App Test Automation

- To Automate or not! Decision making.
- Challenges and Opportunities
- Choosing the Approach
- Calculating ROI

Tools & Related Technology

- Commercial & Open-Source Tools for mobile testing
- Choosing the right tool (Hints & Tricks)
- Hands-on/Practical Mobile App Test Automation Exercise (using Sikuli and/or Ranorex)

Mobile Testing Experiences

- Facts and Highlights from Industries