SOFTWARE TESTING

■ End-to-End Testing Services

QA Solutions End-to-End Testing	 Testing consulting Product quality assessment Full product verification support Test solution and strategy Test plan and test case development Test lab/test environment setup Defect management
Test Planning & Execution	 Unit Test Integration Test Functional Test Regression Test Traffic Test Performance and Robustness Test Installation, Upgrade and Migrate Test Configuration Test Usability and Accessibility Test Security Test Compatibility Test Localization Test Platform Test Integrated System Test
Test Automation	 Test automation design Test script development Test scripts execution and result analysis Test automation framework customization

Why TMA?

- 17+ years of experience in providing software testing services for leading companies worldwide
- 700+ test engineers

- Available test automation frameworks for Web, Mobile, Telecom/Networks
- Independent test center
- Experience in large & complex projects

Areas of Expertise

Telecom & Networks	 Soft Switch, Carrier VoIP PBX and IP Telephony Systems Unified Communications Unified Messaging, Contact Center Billing, BSS/OSS, Network Management SIP, IMS, IPv6, WebRTC, 4G LTE
Business Applications	 CRM E-commerce, Retail and Distribution Finance & Insurance Healthcare Education Hospitality Media & Publishing Logistics & Transportation
Mobile Applications	• iOS, Android, Windows Phone 8, BlackBerry, HTML5
Cloud Applications	Windows Azure, Google App Engine, Force.comAmazon Web Services, Amazon EC2, Rackspace

Test Tools

Test case tracking & Bug/ Defect tracking

- TCAT, Quality Center, Clarify, Remedy
- Team Track, ClearQuest, Bugzilla
- JIRA, Redmine, Problem Reporting System (PRS)

GUI test

- QTP, WinRunner, Silk Test, QA Run, Robot Test
- Selenium, Sikuli, AutolT

Instrument control

MatLab, Labview

Automated testing tools

- LoadRunner, Apache Workbench, Test Director
- Mimic, Nessus

Mobile testing

- Calabash, LogCat, Mobile Log, Device Log Viewer
- SOAPUI, REST Client, SBSetting, Pylot, Grinder

Performance and Traffic test tools

- IXIA, SmartBits, Ameritec, Hammer
- Hurricane, NES, Fortissimo

CLI test

 TCL/Tk/Expect, Perl, Awk Java, Unix shell, Fanfare

