

## **SOLUTION PAPER**



## Fulcrum Logic : Testing Services Expertise

### Overview

Fulcrum Logic Inc. ([www.fulcrumlogic.com](http://www.fulcrumlogic.com)) is a global provider of innovative solutions, technology consulting and outsourcing services. Our services include enterprise applications management, SOA, business process improvements, portals, ERP implementations, business consulting and testing.

### Domain Expertise

Our testing services domain experts have a wealth of in-depth knowledge of various testing methodologies combined with real time experience. Fulcrum offers outsourced testing solutions including manual testing, test automation, performance testing and cross platform testing. Some of our valued references in QA & testing are Beliefnet, UBS, and Kyocera Mita America.

While your development / delivery team concentrates on its core competencies, we as the testing partner can focus on the testing activities to quickly ramp up and ramp down resources as required. You can draw from a pool of specialized resources that has extensive testing experience in using cutting edge processes and tools, at competitive costs. Independent testing allows an objective look at quality issues. Investment in acquiring and maintaining comprehensive hardware and software infrastructure is minimized. Our expertise across domains, sound knowledge of testing processes and methodologies, and proven expertise in a wide range of testing tools has helped us maintain a consistent track record of delivering complex projects on time.

### Testing Service Overview

With a strong management team and the expertise of experienced testing teams, Fulcrum Logic has been making rapid strides in providing quality assurance services.

Our testing teams work as partners all along the Software Development Life Cycle to create efficient and effective test plans that focus on sound testing methodologies and the clear communication of test results for product as well as application testing. Our test engineers are professionally qualified in testing methodologies and test strategies and carry this out through efficient test plans and rigorous test documentation.

Our portfolio of testing services includes:

- Functional Testing
- Regression Testing
- Performance / Load Testing
- Stress testing
- User Acceptance testing

Working with Fulcrum Logic adds flexibility and know-how to your QA and testing capability, but most importantly it will ensure your business stays on track.

## Fulcrum Logic : Testing Services Expertise

### Quality Policy

With a comprehensive Quality Policy in place, we are well positioned to serve our customers and demonstrate our commitment to quality and continuous improvement in meeting and exceeding customer requirements. We constantly review our process. Our quality practices address the quality assurance needs at every phase of the development cycle.

Our Quality Assurance Team analyses each client's requirements and creates a Quality Assurance Plan for each project to fulfill its unique requirements for an optimum business solution.

Our Quality Assurance Methodology is to use a combination of automated and manual testing methods as per the requirements to obtain comprehensive and comparable results, also saving time during iterations and repeat runs. For each test cycle, test plans are created involving details like scope of test, test steps and test cases, test platform and duration. Test results are logged in Test Logs and provided to the client for each test run.

We have well-defined quality policy in adherence with CMMi ("Component Maturity Model") level 3 standards.

### Tools

Fulcrum uses the following repository of testing tools to carry out testing effectively and efficiently.

- 🔗 Functional/Regression - WinRunner, QTP, Rational Robot
- 🔗 Performance / Load Testing - LoadRunner, Rational Robot, JMeter, .Net Profiler, eLoad, HTTPAnalyzer, WAPT, Web Load
- Defect Tracking - Mercury Quality Center, Test Director, ClearQuest, Trac, Bugzilla, DTS& EPM (homegrown)
- Test Case Management – Mercury Quality Center, Test Director, Rational Test Manager, Bugzilla

### Test Lab

Our Test Lab consists of 100+ test machines with different operating systems and browsers like Unix, Linux, Sun, AIX, Windows and Macintosh and a setup of high-end and low-end computers to rate performance levels of the products under testing. The Usability lab is equipped with eye tracking facility for tracking analysis and testing. The key highlights of our test lab are:

- Dedicated testing server
- VMwares for Mutli OS testing
- VPN connectivity
- High-performance LAN
- High Level Security
- Realistic Simulation
- Heterogenous Hardware/Software environments

### Team Profile

- A well structured testing business unit within Fulcrum.
- Total team strength of 60 people; experienced in both manual and automated testing scenarios.
- Team has multiple project experience at a multi-geography level.
- Ongoing training for resources to further excel on the testing. Every member of the team undergoes minimum 80 hrs of compulsory training on new technology.