

## Your Personalized Test Automation Capabilities Matrix

h  
(248) 247-1545

k j  
j@gmail.com

### Question 1

1) What methodologies do you use in your Software Development Cycle?  
Waterfall

### Question 2

2) What kind of testing does your team/company currently support?  
API/WebSphere Testing

### Question 3

3) Do you prefer Open Source or Commercial tools?  
Commercial Tool

### Question 4

4) What is the Enterprise tool used for Software Development Life Cycle?  
ALM

### Question 5

5) How frequent are your release cycles?  
Semi Annual

### Question 6

6) What platform is the application used on?  
Web Application

### Question 7

7) What are the major browsers used?  
Firefox

### Question 8

8) What major hardware do you use?  
Mac laptop

### Question 9

9) What kind of testing service do you have?  
Individual Contributor

### Question 10

10) What are the skill sets already existing within the team/company?  
Descriptive Programming resource

## Summary of Assessment Report

### Tool

Commercial tools give an option of testing non-browser based applications unlike opensource tools. Using them for a Web and Mobile based application is a good path to take for test automation. SDLC have experience in HP UFT, RFT. We will be able to provide resources to build an integration testing framework and infrastructure. Experienced QA automation engineers from a consulting company can build the initial integration test suite and train your QAs on automation test creation and management.

Windows laptop are supported by most automation testing tool. Since Mac OS is based on Unix, many open source functional testing tools that support this platform or that are using the Java Virtual Machine (JVM) can also run on Mac OS. If you have Citrix application, there are not many that developed specifically for Citrix testing. Leapwork provides Automated testing of Citrix and other virtual desktops. We as a team from SDLC, can help you in achieving better test coverage by providing the best automation practices and thus delivering a defect free product.

If your organization currently have enterprise tool, you can get additional benefits such as Requirement tracability, Test report, Deployment, Continuous Integration System... etc. Github and Git are good source control tools. Git is easy to use locally for managing your own code. We as a team from SDLC, can help you in achieving better test coverage by providing the best automation practices and thus delivering a defect free product.

### ROI (Return of Investment)

From the survey completed by your organization, you are using Waterfall methodology which usually have low number of release cycle. Greater ROI can be realized by focussing on functional tests during the QA phase. In addition, there will be greater ROI when automation is used for multiple types of testing, platforms, or browsers, because that creates additional opportunities for automation.

Regarding existing skill set, Descriptive programming techniques will result in greater ROI due to high reliability and better maintainence than Record and play techniques.

### Resource

For Individual Contributor, It will require automation engineers with QA background. SDLC is an expertise in Managed service. We also have excellent resources who can work alone or being a part of your team.

If you already have Descriptive Programming resources, SDLC will be able to provide training/consulting for new project, tools.