

Prolifics' Software Quality Assurance and Testing Services

PROVEN EXPERTS:

- ◆ 30+ YEARS OF EXPERISE WITH ENTERPRISE BUSINESS SOLUTIONS
- ◆ 96% SUCCESS RATE DELIVERING PROJECTS ON TIME, ON BUDGET, AND TO SPECIFICATION
- ◆ 400+ CERTIFICATIONS

KEY ACHIEVEMENTS:

- ◆ 2010 IMPACT BPM AWARD
- ◆ 2010 AWARD FOR BEST INDUSTRY SOLUTION
- ◆ 2010 AWARD FOR BEST END-USER PORTAL
- ◆ 2009 AWARD FOR OUTSTANDING RATIONAL SOLUTION
- ◆ 2008 AWARD FOR BEST SOA SOLUTION
- ◆ 2007, 2008 AWARD FOR OVERALL TECHNICAL EXCELLENCE
- ◆ 2007 IMPACT SOA SOLUTION AWARD
- ◆ 2006 BEST PORTAL SOLUTION AWARD
- ◆ 2005 IBM FIVE STAR PARTNER AWARD

CUSTOMERS:

- ◆ 1-800-Flowers
- ◆ Abbey National Bank
- ◆ BMW
- ◆ British Telecom
- ◆ Cravath, Swaine & Moore LLP
- ◆ Daewoo Construction
- ◆ Dixons
- ◆ Emdeon (formerly WebMD)
- ◆ Gap Inc.
- ◆ IBM Legal
- ◆ JPMorgan Chase
- ◆ mBlox
- ◆ Marchon
- ◆ MetLife
- ◆ Nassau County
- ◆ New Jersey Manufacturers Insurance Co.
- ◆ NYC Dept of Health
- ◆ Novo Nordisk
- ◆ Office Depot
- ◆ Pilot Travel Centers
- ◆ State Street Bank
- ◆ Sumitomo
- ◆ UNICEF
- ◆ UPS

A priority to any successful application rollout is a focused effort around assessing its quality and determining how the application or product meets expectations ranging from feature and functionality to integration across the enterprise to performance and scalability requirements. Prolifics, in partnership with its sister company, Arsin Corporation, can deliver software quality assurance and testing services. Arsin has worked with organizations such as Bank of America, McKesson and VMware to improve testing cycle times, ensure successful rollouts and increase confidence in business applications.

To implement these quality testing services, we utilize best-of-breed tooling from IBM Rational, including Rational Functional Tester, Rational Performance Tester and Rational AppScan, to ensure software functionality, reliability and performance in development and production. Rational technology can assist with a range of important tasks including test automation, load testing and Web site security.

With the combination of Prolifics' well-designed SOA and Portal infrastructures, IBM's robust technology backbone, and Arsin's structured testing strategies; Prolifics-built solutions are reliable, scalable and secure.

In order to provide a cost-effective consulting solution, Prolifics and Arsin can offer a "blended shore" model for its testing services. With the blended shore approach, you have a local development team manage the offshore consulting team assigned to your project. With processes and methodologies for managing global virtual teams, we can provide your organization with the benefits of the offshore consulting model while delivering the efficiency and quality that is required.

As the largest systems integrator specializing in IBM technologies, Prolifics offers the following software quality assurance and testing services:

➤ Automation Testing Services

Jump start your automation testing program with the help of ready-to-use APIs for managing basic test automation needs. With the APIs, we can create an easy-to-use framework which is robust, re-usable, extendable, and data driven (with separation of script and test data). These testing solutions can integrate with market-leading IBM Rational testing tools such as IBM Rational Functional Tester.

➤ Manual Testing Services

Have us perform independent quality assurance services making sure that the software is thoroughly tested on all aspects of quality, functionality and reliability before you release it to market. Quality assurance testing focuses on detecting defects early, isolating test and development processes for better software quality, and performing root cause analysis for defects in order to take corrective actions.

➤ Performance Testing Services

Identify current bottlenecks in Web sites, Web or client/server applications, and verify that the applications meet or exceed key performance measures. Performance testing, powered with tooling such as IBM Rational Performance Tester, identifies whether there are any hardware or software factors that impact the system's performance, scalability and reliability by performing baseline, stress, load and burn tests. Prolifics also provides Application Monitor-

Testing Product Focus Areas

- Rational Functional Tester
- Rational Performance Tester
- Rational AppScan

PROLIFICS TESTING SERVICES

ing services using IBM Tivoli Composite Application Manager which isolates bottlenecks at a granular level. As a result of these processes, testers can fine tune the system and optimize the allocation of system resources.

> Security Testing Services

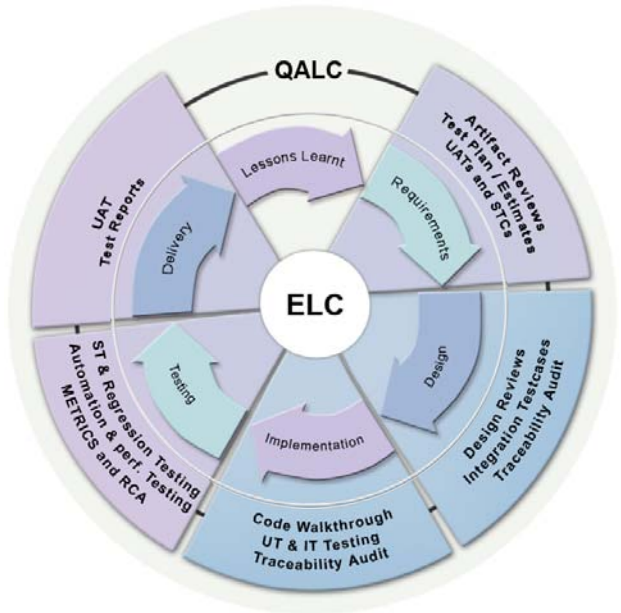
Address the numerous mission-critical information security challenges with extensive and incremental code reviews to ensure that the coding is done in line with security standards. Vulnerabilities may be inherent within the application due to flawed design, improper coding practices or configuration errors. These vulnerabilities, if not identified and fixed, could adversely impact the business processes and the reputation of an organization. A Web Application Security Assessment with IBM Rational AppScan conducts comprehensive tests to discover vulnerabilities and to determine the risk index of the application.

Methodology

With the “blended shore” model providing you a local team to manage and coordinate with your offshore team, you have the necessary team structure to ensure project success. Typically the local team kicks off the project and defines the project requirements. Then, the offshore project manager allocates the necessary resources, and the two teams work together during the project cycle.

The alignment of your IT and systems investments with your business priorities and goals is reinforced by project management tools that help provide a framework for project management. Through collaboration tools, dashboards and integrated reporting, you have visibility into critical project metrics throughout the project life-cycle from analyzing the software, determining the software requirements, developing a test plan, setting up the test environment, constructing test cases and scripts, and executing the test suite.

The following diagram illustrates the testing lifecycle process:



About Prolifics

Since 1978, Prolifics has leveraged best practices, proven methodologies, and real-world expertise to help organizations reach new markets, achieve increased customer satisfaction and ease collaboration within their enterprise. Ranked with IBM's highest rating – a Level 5 technical status for IBM technologies – Prolifics brings highly specialized skills to all aspects of the full project lifecycle including architectural advisement, design, development through deployment, administration and training.



Prolifics®

A SEMANTICSPACE COMPANY

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SOLVING BUSINESS PROBLEMS WITH TECHNOLOGY SOLUTIONS SINCE 1978

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