Actuate QA Automation and Optimization Solution Brief
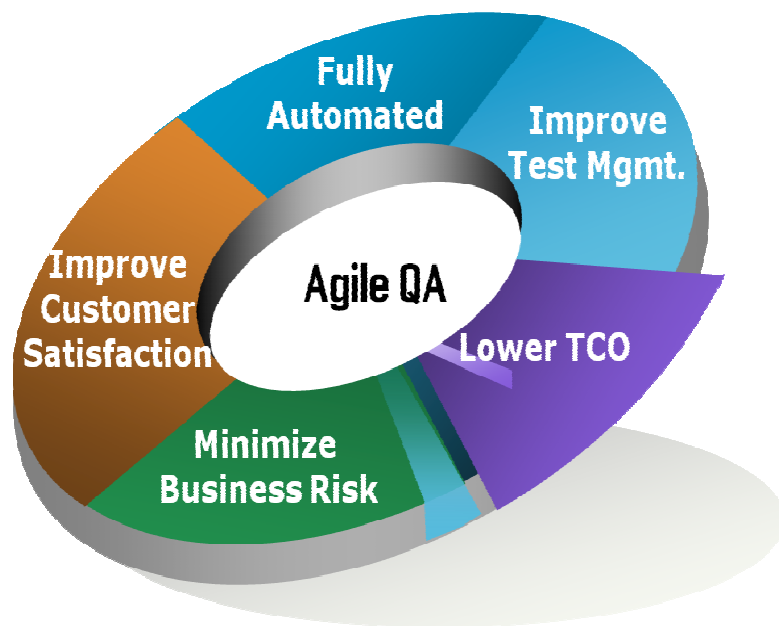
IMPROVING INFORMATION QUALITY, RELIABILITY and PERFORMANCE WITH AGILE ACCELERATION AND OPTIMIZATION TESTING APPLICATION

Automation of QA Procedures reduce Testing Time and Cost

To remain competitive in today's constantly evolving business environment, you must be able to adapt to change quickly. This demands that new applications or changes to existing application, incorporated via software upgrades, enhancements, or new implementations, operate without fail before they reach the client base. Any change to your systems has the potential to disrupt your business. Rigorous, thorough, and ongoing testing helps ensure the right business outcomes and diminish risk. But all too often, testing processes are compressed or sacrificed to meet a specific launch date or reduce costs, circumstances that can impact the performance of your applications as well as customer satisfaction.

The Agile Professional Services organization offers a solution: comprehensive testing services that help ensure the quality, performance, and reliability of your Actuate applications. These services enable you to adapt to change quickly, easily, and cost-effectively by applying a test strategy that supports your organization throughout the life of your Actuate applications.

Anytime Accelerated Testing

The accelerated testing service enables you to perform ANYTIME comprehensive testing of your Actuate BI applications leveraging the automated test cases and reduced processing time whether you are:

- Upgrading from a previous release of Actuate to the latest release

- Migrating Actuate applications to a newer platform
- Responding to changes prompted by growing business needs
- Introducing new or changing existing application features and functionality
- Redeploying application patches and fixes

Business Challenges

Like many organizations, you may be reluctant to make changes to your production systems because of lack visibility into the impact of changes on important business processes along with other challenges:

- Accommodate accelerated change in business environment
- Reduce total cost of ownership for business applications
- Ensure that business applications perform optimally
- Avoid delayed releases or missed tests due to manual testing constraints
- Reduce effort to maintain testing scripts

Key Features

Agile Test Acceleration and Optimization application enables you to address the business challenges and achieve Actuate application testing and quality standardization through these key features:

- **Automated Test Creation and Maintenance**
  Agile Test Acceleration and Optimization enables you to automate your business process tests by automatically generating draft test cases by leveraging existing usage information from the Actuate Servers and Actuate usage and error log repository

- **Comprehensive Test Coverage**
  Leveraging usage information in the Actuate usage and error logging repository leads to higher test coverage based on real user usage pattern at much

lower cost compared to manual testing across shorter testing cycles

- **Information Quality Test**
  Agile Test Acceleration and Optimization application enables you to perform the most desirable test i.e. information quality test in an automated fashion across multiple Actuate Servers and other Information repositories such as Flat Files and Data Warehouse

- **Nightly Batch Testing Cycle**
  Agile Test Acceleration and Optimization application can be scheduled to run nightly in a batch mode without user intervention

- **Comprehensive Reporting**
  Predefined reports with test cases and associated results save time and cost by reducing documentation requirements for application testing

Business Benefits

You are likely to realize faster return on investment for the Agile Test Acceleration and Optimization application than with traditional automation along with the following business benefits:

- Increase test productivity by running and executing automated test cases
- Reduce effort and risk by automating business process testing
- Enable higher test coverage at much lower cost compared to manual testing across shorter testing cycles
- Gain efficiencies that help minimize the risk of outages and other problems caused by poor testing
- Reduced total cost of ownership for business applications gained through optimal and reduced resource utilization

For More Information

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