

Reduced Regression Cycles with Quality Engineering



Case Study

About Client

Our client is a leading provider of corporate services to businesses across the world. Headquartered in the United States, our client provides compliance & legal services to Fortune 500 companies and thousands of financial enterprises.

Business Challenge

- Certifying and maintaining several integrated test environments by executing 2400+ manual test cases every 6 weeks.
- Additionally, for every regression cycle, the entire 10 members team was involved in testing, which was impacting their productivity.
- Customer Approached Evoke testing Centre of Excellence (COE) seeking an optimal solution with a long-term ROI.

Business Solution

- Evoke Technologies worked closely with the client to understand their business processes.
- After a technical feasibility study, HP's Unified Functional Testing (UFT) tool was proposed to develop a solution.
- Agile Scrum delivery model was implemented.

Technology Stack

- Applications — Java, Springs, Hibernate, Struts, jQuery, Grails, and Oracle
- Testing Tool Stack— HP UFT, Adobe Flex, HP ALM

Engagement Model: Offshore

- **Phase 1 - Planning**
- Scoping | Prioritization | Test Strategy & Plan | Capacity | Effort Estimation | ROI | Delivery Milestones | Guidelines and Checklist
- Design Automation Framework.
- Architecture: Data-driven approach is implemented to replicate client's test strategy.
- Environment Data | Test Data | Driver Script | Results | Execution and Reporting from ALM | Error Handling
- **Phase 2 - Automation of Test cases, Creating Sanity, and Regression Scripts**
- **Phase 3 - Testing, Execution, and Integration with HP ALM**
- Tested for consistency, reliability, and exception handling.
- Integration of scripts with HP ALM.
- Distributed script execution using a scheduler.

Business Benefits

- The client's productivity improved by 50% within a span of two months, with the help of a three-member team only.
- Automated Solution earned huge ROI in terms of efforts savings and resource cost cutting.
- Sanity Test Automation Suite helped to identify the bad builds. `

About Us

Evoke Technologies is an innovative information technology services firm offering world-class software solutions. We are a client-centric and relationship-based company with a focus to provide cost-effective software development and support solutions. We are SEI-CMMI Level 3 appraised, ISO 27001 and 9001 compliant IT enterprise that focuses on quality and delivering business value. Incorporated in the year 2003, Evoke Technologies has been actively helping global corporations to innovate and transform their businesses utilizing IT. Our global delivery and engagement models help us to offer affordable long-term software solutions that meet our client's IT challenges and add business value. We constantly innovate and implement new software methodologies to provide our clients with a superior experience.

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