

Product testing and enhancement to improve efficiency and provide quicker go-to-market

SCM Solutions Provider

The Customer

The Customer is a leader in supply chain management (SCM) solutions for the retail industry. With offices in North America and Europe, the Customer enables companies to communicate electronically with their global trading partners; conduct cross-company transactions; synchronize and manage product data; collaboratively source, merchandise and import; and automatically detect and resolve issues. They provide a full line of collaborative commerce solutions that help their customers differentiate themselves in the global marketplace.

The Challenge

Due to the large number of individual products, targeted to specific areas of the supply chain management process, the Customer's software development environment had become increasingly complex, and the defect rate was far above expectations.

The Customer wanted a partner who could augment their team in two areas:

- **Product Testing:** to streamline the testing process to reduce and control the defect rate.

- **Product Enhancement:** to develop enhancements to the product and release newer versions of the product.

The Solution

AgreeYa leveraged their O³ delivery model (onsite-offsite-offshore) and deployed two separate teams – one dedicated to the development portion and one for the testing portion. AgreeYa's resources were deployed onsite and offshore to understand the product enhancement requirements and develop the new releases. For the testing part of the engagement, resources were deployed onsite.

The testing team put together a revised, rigorous test strategy that would ensure a low defect rate. Based on this strategy, the team created the test plans and performed regression/performance testing and quality assurance (QA) on the entire product as well as the new releases being delivered. The defects were captured, analyzed, and measured.

An effective feedback loop between the testing and development teams ensured that the defect rate dropped with every new delivery and the quality of the product increased exponentially.

The Results

AgreeYa's testing and QA identified product limitations and helped deliver a better product for the Customer. AgreeYa developed and implemented software testing methodologies that delivered new releases 35% faster than before with higher quality. Additionally, AgreeYa reduced the Customer's development and testing budget by leveraging their O³ (onsite-offsite-offshore) delivery model.

The Technology

The Rational Suite of products was used for the testing. The products used were Rational Robot, Rational Functional, and Rational Performance tester.

AgreeYa's Independent Software Testing Services

AgreeYa provides Independent Software Testing services based on CMMI Level 5 methodologies and processes for applications and products. We select tools and methods to match our customers' technical, budget, and schedule requirements, or use our customers' standard tools and processes.

With services ranging from single instance testing, comprehensive software quality assurance (SQA) process assessments to fully retained outsourcing of

entire SQA and software testing functions, our test labs consistently deliver the technical and business predictability expected out of software applications and products. Our onsite-offsite-offshore model ensures round-the-clock testing providing the flexibility our customers need, and the Return on Investment (ROI) they expect.

We provide end-to-end testing services including planning, design, scripting, manual and automated testing, reporting, and analytics.

About AgreeYa Solutions

Founded in 1999, AgreeYa Solutions provides an industry leading blend of technology, business consulting, and outsourcing services to provide its customers with flexibility, agility, and expertise required to excel in today's business environment. Headquartered in Folsom, California and with its global operations from NOIDA, India, AgreeYa provides services to all major industry segments of the global economy, including consumer business, energy, health care, government, manufacturing, telecommunications, banking, and financial services.

AgreeYa has been providing high quality solutions and services to customers such as Acer, Alcoa, Allergan, Daimler Chrysler, Deloitte, Fujitsu, Gap, HP, Kaiser Permanente, Lucent, Mitsubishi, Nissan, State of California, State of North Carolina, State of Washington, and Verizon. For more information about AgreeYa Solutions, please visit <http://www.agreeya.com/>.



Global Headquarters

605 Coolidge Dr.
Folsom, CA 95630
USA
Phone: (916) 294-0075
Toll-free: (800) AGREEYA
Fax: (866) 886-1555
Email: sales_americas@agreeya.com

Global Delivery Center

B-38 C/2, Sector-57
NOIDA - 201 301
India
Phone: +91 (120) 439-4400
Fax: +91 (120) 439-4444
Email: sales_asia@agreeya.com

Dubai Regional Office

PO Box 18318
Office LOB 1-G25
JAFZ, Dubai, UAE
Cell: +971 (50) 2400104
Phone: +971 (4) 8873711
Fax: +971 (4) 8873712
Email: sales_gulf@agreeya.com