MCAFEE IMPROVES TIME TO MARKET FOR KEY PRODUCT RELEASE— INCREASES TEST COVERAGE TO 90% & REDUCES CYCLE TIME WITH TEST AUTOMATION

Business Needs and Challenges

McAfee Security-as-a-Service delivers complete endpoint, email, web and network protection through the cloud, saving IT departments time, efforts and costs. Prior to hiring LogiGear for their software testing needs, McAfee was executing 423 manual tests in-house. The complete test suite took 240 person hours to execute, creating a significant bottleneck in their product release efforts. In addition to the slow testing suite, build acceptance testing was done on an ad-hoc basis, leading to bad builds and wasted effort. It was clear to McAfee that they needed to automate functional and build acceptance testing in order to improve time-to-market and provide a high quality product.

The Vision

McAfee and LogiGear worked together to speed up the software testing process by establishing an automated testing program that made use of the cost-effective offshore resources in LogiGear's Vietnam office. McAfee put full-faith in the LogiGear team due to their excellent track record of successful project and world-class training.

LogiGear also created a plan to automate McAfee's tests using the TestArchitect test automation framework, which uses a keyword-driven collaborative approach to test automation for large, complex software projects.

The Solution

The automated software testing solution implemented by LogiGear allowed McAfee to automate 100% of their existing manual tests while expanding the suite to a total of 945 automated tests. Test Coverage per cycle was increased from 50% to 90%. Whereas the manual test suite took 240 person hours per cycle, the new automated test suite took just 150 machine hours, freeing up the test team to focus on exploratory testing.

FAST FACTS

- INDUSTRY: Security Software
- WEBSITE: www.mcaffee.com
- COMPANY SIZE:
  5000+ Employees
- LOCATION: Santa Clara, CA
- LOGIGEAR DELIVERED:
  TestArchitect™
  Software Testing Services
- BUSINESS IMPACT:
  Increased Test Coverage from 50 to 90%
  Improved time-to-market
  Enhanced product quality
  Reduced costs

"NOT ONLY DOES LOGIGEAR PROVIDE US WITH AN EXCELLENT AUTOMATION TOOL IN TESTARCHITECT, IT PROVIDES ME WITH THE COST EFFECTIVE RESOURCES TO ENHANCE AND MAINTAIN OUR AUTOMATION PROJECTS"

-JAMIE TISCHART, SENIOR DIRECTOR OF QA AT MCAFEE

LogiGear has tested the McAfee Mobile Security Suite for Android, Blackberry, and Symbian

The Solution cont.

LogiGear also created an automated build acceptance test that ran in under two hours, replacing the previous eight-hour manual effort. This automated build acceptance test was run on every build, ensuring that the testing efforts would be well spent.

The Results

"LogiGear has delivered a fully innovative turnkey solution that is fully automated, low-cost and has expanded our testing coverage to 90%," says Jamie Tischart, Senior Director of QA at McAfee. "While reviewing any test automation initiative, it is important to understand that a successful test automation project requires care and maintenance. Not only does LogiGear provide us with an excellent test automation tool in TestArchitect, it provides me with the cost effective resources to enhance and maintain our automation projects. With a comparable feature set to more expensive licensed tools, my automation budget can be utilized on both the tool and the engineers to support it for the same price. And this guarantees the success of our automation, where others fail."

Due to LogiGear's competitive solution offering, the relationship between McAfee and LogiGear has been growing stronger for well over five years. By working together, LogiGear has served as an ongoing partner for McAfee providing quality products and services that improve time-to-market and decrease overall QA expenditures.

About *Logi*Gear

LogiGear is a leading provider of software testing services, Test automation and application development and maintenance. We help organizations deliver better products while saving time and money.

Since 1994, we have completed testing projects with hundreds of companies from early stage start-ups to Fortune 100, across a wide range of industries and technologies.

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