

# ENTERPRISE SOFTWARE VENDOR INCREASES TEST COVERAGE, REDUCES CYCLE TIME WITH TEST AUTOMATION

MCAFEE IMPROVES TIME TO MARKET FOR KEY PRODUCT RELEASE

## BUSINESS NEEDS

McAfee Security-as-a-Service delivers complete endpoint, e-mail, web, and network protection through the cloud, saving IT departments time, effort, and costs.

Prior to hiring LogiGear for their software testing needs, McAfee was executing a suite of 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.

## FAST FACTS

**INDUSTRY**  
Security Software

**WEBSITE**  
www.mcafee.com

**COMPANY SIZE**  
5,000+ Employees

**LOCATION**  
Santa Clara, CA

**LOGIGEAR DELIVERED**  
TestArchitect™  
Software Testing Services

**BUSINESS IMPACT**  
Improved time to market  
Enhanced product quality  
Reduced costs

www.logigear.com



**“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  
SR. DIRECTOR QA - MCAFEE

## 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 projects 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.

## 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 suite took just 150 machine hours,

freeing up the test team to focus on exploratory testing.

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 testing efforts would be well spent.



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



# CASE STUDY | MCAFEE

## THE FUTURE

“LogiGear has delivered an innovative turnkey solution that is fully automated, low cost and has expanded our testing coverage to 90%,” says Jamie Tischart, Sr. Director of QA at McAfee. “While reviewing any test automation initiative it is important to understand that a successful automation project requires care and maintenance. 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. With a comparable feature set to more expensive licensed tools, my automation budget can be utilized on both the tool and the engineers

**“I AM ALWAYS IMPRESSED WITH THE PERFORMANCE OF OUR TEAM. THIS IS THE BEST OFFSHORE TEAM THAT I HAVE EVER WORKED WITH IN MY CAREER...”**

-AZAM KHAN  
PROJECT LEAD - MCAFEE

## THE FUTURE (cont'd)

to support it for the same price. And this guarantees the success of our automation, where others fail.”

Due to LogiGear's competitive product 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 LOGIGEAR

LogiGear Corporation provides global solutions for software testing and offers software testing training programs worldwide. LogiGear is a leader in the integration of test automation, offshore resources and US based project management for fast, cost effective results.

Founded in 1994 by top thought-leaders in software quality, LogiGear offers the best possible combination of low cost, fast turnaround, and advanced testing expertise. LogiGear serves clients around the world ranging from the Fortune 500 to early-stage startups in a wide range of industries. Be it consulting, training, high-volume and cross-platform test automation, outsourced testing, or automation technology, we partner with organizations to create approaches that precisely meet their needs.

For more information on how we can help your business, contact us today.

## KEY BENEFITS

- Expanded overall test coverage from 50% to 90%
- Expanded automated test coverage from 10% to 80%
- Executed 123% more tests in 38% less time
- Added regular build acceptance testing
- Added production portal performance testing

