



*"Not only has LogiGear provided us with a maintainable and scalable automated testing framework that completely tests our system in a matter of days rather than weeks, they also helped us raise the bar on our overall testing effort through more effective test planning and manual testing." Steve Giammarinaro, QA Manager, Leap Wireless*

## The Challenge

Leap Wireless, a provider of innovative mobile wireless services to traditionally underserved market segments, needed a solution to provide increased test coverage and test effectiveness for their high traffic, frequently updated customer service portal.

Leap Wireless sought a solution that would provide:

- ☞ Complete test coverage of the entire portal in days, not weeks
- ☞ An automation solution that could seamlessly handle the Web-based front end as well as the legacy back end of their system
- ☞ A strategy for leveraging offshore testing to reduce QA costs
- ☞ Access to best-of-breed software testing expertise

## The Solution

LogiGear designed a comprehensive global testing solution, including the TestArchitect™ toolset for integrated test design, automation and management, with customized test automation development to handle Leaps legacy system.

The Action Based Testing™ framework provided a rigorous method for development of a test automation framework that can be easily expanded and maintained with each new release.

Tests were developed and executed at the LogiGear Test & Research Center in Vietnam, as well as LogiGear Headquarters in California to provide both cost savings and access to unparalleled testing expertise.

## The Results

Leap Wireless received a turnkey test automation framework with over 1000 test cases that provides complete test coverage of their portal in less than two days, and can be easily expanded to cover future development.

Leap's limited remaining manual testing and automation maintenance needs are easily handled by LogiGear's offshore teams, allowing Leap's in-house QA department to better focus limited time and resources on the most critical tasks.

### LogiGear Corporation

USA | Vietnam

"Global Solutions for Software Testing"

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



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