

Sierra Atlantic's WinRunner™ to QuickTest Professional™ Migration Solution

Overview

Hewlett-Packard, the leader in software test automation, launched QuickTest Professional™ (QTP) in 2002 as its next generation, follow on product to its already established WinRunner™. WinRunner has been the leading test automation tool since its release in 1995. QTP is superior to WinRunner by providing enhanced functional and regression test automation for all major software applications and environments, by deploying the concept of keyword-driven testing to radically simplify test creation and maintenance. Test automation experts using QTP have full access to the underlying test and object properties via an integrated scripting and debugging environment that is synchronized with the keyword view. QTP is highly recommended for business process testing (BPT) work, especially in tandem with Hewlett-Packard's new BPT tool.

Sierra Atlantic's Solution

Sierra Atlantic offers a packaged solution for 100% migration of WinRunner test scripts to QTP, using a combination of an automated migration tool called QTPGenie that converts up to 80% of test scripts automatically, and offshore-based services to perform the remaining manual effort. The solution is much quicker and less costly than a pure manual approach, and results in up to 80% savings.

Sierra Atlantic uses a **three-phased approach** to WinRunner to QTP script migration:

Preparation Phase

- Define goals and targets
- Analyze and estimate automation and manual effort
- Create a strategy for manual effort

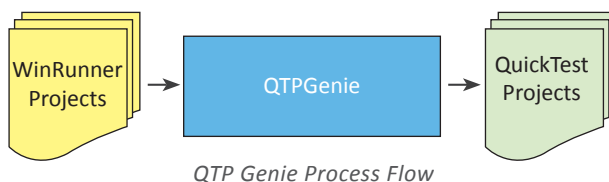
Conversion Phase

- Convert GUI map files to QTP object repository
- Convert WinRunner TSL scripts to QTP VB scripts
- Execute QTP scripts

Validation Phase

- Assure behavior
- Measure performance of migration process and tune as needed

Sierra Atlantic's edge for such rapid turn around time is achieved with the help of its proprietary QTPGenie migration tool. QTPGenie automates conversion of WinRunner TSL scripts to QuickTest VB scripts by learning the WinRunner GUI object map and automatically recreating the QTP Object Repository. On average, 80% of the script and GUI map is automatically converted, while the remaining 20% needs manual conversion.



QTPGenie Benefits:

- Accelerated migration - Convert 500 lines of WinRunner code to QTP within one minute
- Efficient migration path for seamless conversion from WinRunner scripts to QTP
- Automated solution speeds time to deployment
- Offers dramatic cost savings



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QTPGenie combined with Sierra Atlantic's offshore services provide a 100% migration solution. WinRunner scripts fed to QTPGenie are scanned and analyzed thoroughly to produce the most accurate corresponding QTP output. In spite of the significant differences between WinRunner and QTP, the logical test flow is preserved.

If you have a large investment in WinRunner test scripts containing Test Wares, Test Suites, Driver Scripts, Driven Scripts, Test Points, Control Points and Data Access – Sierra Atlantic migration services come to the rescue. With QTPGenie we retain all these facets of test automation.

Sierra Atlantic's Testing Expertise

We specialize in providing comprehensive offshore product testing services, including unit, integration, system, regression and beta/user acceptance testing. Our testing methodology is based on broad experience and best practices, leveraging experience from our own products and product development for the leading enterprise application companies. Our expertise in testing and QA focus on the following areas:

- End-to-end product testing
 - Functional, integration and system testing
 - Regression testing
 - Testing for operating environment (hardware, software platforms)
- Value-added services
 - Interoperability testing
 - Specialty testing
- Performance
- Load
- Stress

Sierra Atlantic offers a well-honed offshore delivery methodology called NShore™ that helps customers achieve 24x7 productivity and cost savings. Our offshore testing services take complete ownership of your testing engagements and bring in not just technical experts but managerial talent as well. We employ over 200 resources with WinRunner and QTP expertise.



About Sierra Atlantic

Sierra Atlantic is the leader in offshoring enterprise applications and outsourced product development. With expertise derived from deep R&D relationships with enterprise software leaders such as Oracle and Microsoft, we provide full lifecycle product development and IT services including implementation, integration, development, testing and support. Sierra Atlantic is amongst the largest IT services companies, offering services in the "New Oracle Economy", Outsourced Product Development and Microsoft competencies, with global delivery from both India and China. Over 200 active customers currently address their business needs leveraging our Nshore™ methodology and best-in-class Global delivery capabilities. A recognized leader in quality, Sierra Atlantic has been the recipient of many distinguished awards including Oracle Partner of the Year (3 years consecutively), Microsoft Gold Certified and NXT Delivery Partner, IDC DQ Top 20, and Great Places to Work. Sierra Atlantic is headquartered in Fremont, California and maintains operations in 16 countries across North America, Europe and Asia Pacific. For more information, please visit www.SierraAtlantic.com.

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