

VERSATEST SOFTWARE TESTING

VersaTest™ is a powerful, intelligent message processing facility that extends your testing boundaries by providing a single testing environment that spans multiple server platforms. VersaTest can reside on many different types of servers so you have the flexibility to choose the appropriate test driver platform to best meet your needs. On each server platform, whether it be the HPE Nonstop Server (formerly Tandem Computer), Linux, Microsoft Windows or other supported platform and operating system, the product assists in many facets of monitoring, testing, development, quality assurance and capacity planning.

The family of VersaTest products includes VersaTest Simulator, Automator and Classic. We're confident there's a VersaTest solution that can meet your needs.

VersaTest Simulator

"Flexible solutions with a focused approach"

VersaTest Simulator is a “ready to go” testing solution that provides any company needing to improve their testing with a simple, yet powerful tool to “fast start” the process. The platform is easy to use yet scalable as experience and testing requirements grow.

VersaTest Simulator is Ready to Run

VersaTest Simulator is a ready to run testing solution that can be implemented on day one. It is a powerful first step in building a testing practice yet is priced to meet most any company's budget. As business needs evolve and the testing environment becomes more complex, VersaTest Simulator provides the necessary foundation to enable other VersaTest products to deliver the corresponding increased levels of performance and automation.

Advantages of VersaTest Simulator

- The problem with most testing and simulation solutions today is they are not robust enough, are expensive to purchase and implement, and are not scalable. VersaTest Simulator addresses all of those issues. Turnkey solution for simpler environments to jump start a testing and simulation program.
- Web-based operation and no scripting required, enables use by a wide range of personnel.
- Easy creation of smoke and regression tests for simple environments with few interfaces
- Simple upgrade path for performance testing and to VersaTest Automator as testing needs grow

VersaTest Automator

"Taking automation to the next level"

VersaTest Automator delivers the simplicity of VersaTest Simulator to more complex enterprise environments. These environments utilize multiple devices and applications that demand true end-to-end automated testing, as well as the flexibility to interoperate with multiple testing tools.

Simulation Does Not Equal Automation

Implementing simulators to replace live interfaces address many of the problems inherent in repetitive tasks. But, simulation on its own does not provide automation. True automated testing needs additional levels of management reporting, integration and control that simulators on their own cannot give.

VersaTest Automator addresses these additional needs, so enabling the integrated end-to-end testing of more complex environments in a highly automated manner. Test steps can involve multiple devices and applications, making the process of specifying and performing tests in heterogeneous environments almost trivial.

VersaTest Automator also allows integration within test management packages, such as Micro Focus' Quality Center. By providing the linkage between these management tools and the simulators which actually execute the tests, Ascert can eliminate the gap that exists between test documentation, simulation and true test automation.

VersaTest Automator comes preloaded with two drivers. Additional drivers can be downloaded from Ascert's online Driver Library and incorporated directly into the test environment. Custom drivers can also be developed.

Advantages of VersaTest Automator

- True automation of testing results in huge benefits. Test runs that previously took days or even weeks to execute can be completed in a matter of hours providing significant return on investment through time savings alone. No scripting required, enables use by a wide range of personnel
- Enables frequent regression and performance testing with more confidence in results
- High level pass/fail management view of testing with drill-down for detailed analysis
- Integrates with 3rd party DevOps tools

VersaTest Classic

"Power and control for serious testing professionals"

VersaTest Classic is a low-level, high-performance scripted solution that provides a multi-platform simulation environment that can be scaled from single transactions to full-scale stress tests. It is targeted specifically for technicians who are adept at writing and maintaining scripts and assembling / integrating them into their own comprehensive testing and simulation environments. Scripts can range from simple replay of captured data, to sophisticated full functional simulations of end user devices, applications, middleware, or networks.

VersaTest Classic technology is a key (hidden) component of the VersaTest Simulator and VersaTest Automator products, to which most VersaTest Classic customers have migrated. Though it is still used in certain OEM and end-user installations due to its power and flexibility.

Take Charge of Your Testing

VersaTest Classic provides the power and flexibility for testing professionals who want to maintain their independence from outside vendors. It uses the powerful VTALK scripting language developed by Ascert to simplify the task of creating test scripts for many diverse testing requirements. The script writing process is designed specifically for testing and simulation making it simpler, easier to write, easier to understand, and results in faster execution.

VTALK's is capable of simulating practically any device or application interface, from biometric payments applications to air traffic control systems. It has been used as the power behind several national payments certification schemes and even embedded in live deposit-taking ATM's to provide value-added functionality.

VersaTest Classic supports headless operation, or can be controlled from the easy to use VWIN GUI. VWIN displays the progress of executing tests and allows sophisticated interaction with the script, or initiation of batch files for unattended testing. Reporting is flexible and can be viewed online or exported for offline analysis.

VersaTest Classic will run on any platform which supports the Java Runtime Environment. This includes, Windows platforms, Linux, AIX, Solaris and OSS on HPE Integrity NonStop Servers. Additionally, on HPE Integrity NonStop Servers, VersaTest Classic can run natively on the NonStop Kernel.

Advantages of VersaTest Classic

- VersaTest Classic has a solid foundation in the mission critical HPE Integrity NonStop Server environment. The Java version builds on this foundation and allows user flexibility to conduct testing using the same scripts in a platform independent fashion. Allows any interface to be simulated and maintained by the user.
- Allows access to multiple communications protocols, including TCP/IP, HTTP, SOAP, WebSphere MQ and legacy protocols.
- Comprehensive reporting of test data with export for external analysis.

System Requirements

The VersaTest family of solutions will run on any platform which supports Java JDK 17 or higher. This includes, Windows platforms, Linux and OSS on HPE Nonstop Servers. Additionally, on HPE Nonstop Servers, VersaTest Classic/NSK can run natively on the NonStop Kernel.

Versatest Add ons:

- [VersaTest Automation Server Plugin for Micro Focus Quality Center](#)
- [VersaTest/AS Classic Migration Edition](#)
- [VTERM Terminal Simulator](#)