

Veryx ATTEST™ Test Framework

Version 6.1 - DATASHEET

Veryx ATTEST™ is the next generation test framework providing complete control of the test process you need to manage – from scheduling, execution of tests, debugging and reporting.

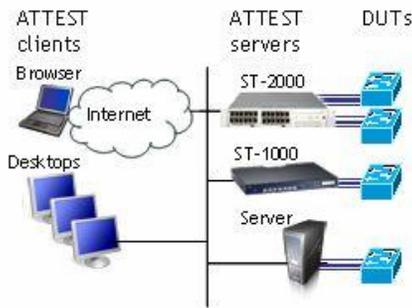


Figure 1. ATTEST supports a flexible, distributed test environment

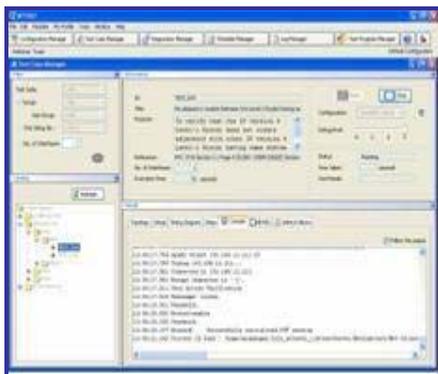


Figure 2. ATTEST Test Manager provides information on test cases

Overview

Veryx ATTEST™ Test Framework supports a flexible and distributed environment catering to diverse test lab requirements for today's dynamic conditions.

Multiple ATTEST-based test servers executing test-cases can be operated from ATTEST test clients spread over the network.

ATTEST provides central management of user access, test results and reports, while facilitating a flexible distributed test environment. Using web-based access, you have any-time, any-where access to highly informative test reports and test result information.

ATTEST significantly speeds-up the testing cycles and accelerates product development. Its unique design results in minimal time for integration and enables efficient use of time and resources.

Test Management

ATTEST Test Manager provides easy access to test cases and test execution while also providing the test engineer detailed information such as the test topology, expected packet sequences and test steps.

Test Manager allows multiple users to execute various tests from different remote locations. Once test results are logged into the database at the ATTEST Server, they can even be accessed using a browser over the internet.

Result analysis

Debugging failing test cases tends to be a big challenge without relevant detailed log information and packet exchange information. ATTEST Log manager facilitates easy location of offline logs and provides packet sequence with timing information for easy debugging. This information is also accessible over the internet.



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Figure 3. ATTEST provides graphical test reports for easy tracking

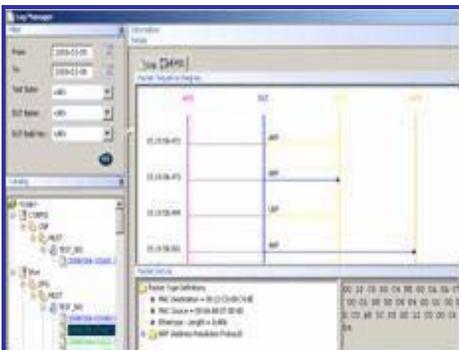


Figure 4. ATTEST Log Manager eases analysis and debugging

Key benefits:

- Fully automated
- Easy DUT integration
- Advanced reporting
- Defect tracking
- Web-based remote access

ATTEST 6.1 supports a more intuitive view of progress across test runs. The regression comparison report feature could be used to easily compare test performance of a device against another version of the same or reference devices. This feature saves QA and Test engineers valuable time in sifting through historical test data across multiple devices and test runs.

Scheduling test cycles

ATTEST Schedule Manager enables test engineers perform repeated regression testing easily. Usually, assessing the stability of the device under tests proves to be a challenge. However with Veryx ATTEST, conveniently grouped test cases can be tested periodically in one touch. What is more - test sequences can be randomized between different executions to better verify stability.

Device management

ATTEST provides the following modes of control for devices under test when executing tests in automated manner:

- Command Line Interface (CLI)
- Simple Network Management (SNMP)
- Hyper Text Transfer Protocol (HTTP)

Test reporting

ATTEST provides excellent graphical and textual reports to enable QA managers track the overall progress of testing. The testing progress for different devices under test, with corresponding software image versions can be tracked from the ATTEST client systems.

ATTEST reports can be exported in CVS format.

Defect Tracking

ATTEST maintains the defect history on a test case basis for easy reference and analysis. ATTEST integrates with third-party defect tracking software, so that the defects can easily be raised in the defect tracking system on a single click. ATTEST provides support for Mantis and Bugzilla defect tracking software by default.



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Veryx ATTEST™ 6.1 System Requirements

Server system

Software:

- Linux Fedora Core 6/9/10 with the following tools:
 - Database - MySQL 5.0.27, 32 bit or higher
 - Web server - Tomcat 5.5.17 or higher
 - JAVA - Sun JRE 1.5.0_09 or higher

Hardware:

- Intel dual-core or equivalent with 2 GB RAM and 1 GB hard disk

Browser (Optional):

- Firefox 2.0 or later

Client system

Software:

One of the following:

- Microsoft Windows 2003 Server
- Microsoft Windows XP
- Linux Fedora Core 6/9/10

With SUN JRE version 1.5.0_09 or higher

Hardware:

- Intel dual-core or equivalent with 2 GB RAM and 100 MB hard disk

Browser support:

- Internet Explorer 6.0 or above
- Firefox 2.0 or above

Contact us for Demo or Evaluation



About Veryx Technologies

Veryx Technologies (formerly Net-O2 Technologies) provides innovative Verification and Measurement Solutions for the global communications industry. ATTEST solutions verify networking equipment being used for Access, Carrier Ethernet, Data Center, Edge, Enterprise, Industrial and Security. The unique offerings from Veryx enable customers to reduce the "time-required-to-test" and enhance their "time-to-market".

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