TELEDYNE LECROY
Everywhereyoulook™

Xena1564

Standalone Y.1564 application

1564
XENA
MANAGER

Key Features

- Full configuration and performance testing according to Y.1564
- Complete validation of Ethernet service-level agreements (SLAs) in a single test
- Multiple protocols supported per UNI (Ethernet, Customer and Service VLANs, MPLS, IPv4, IPv6, and UDP)
- Define Per-UNI or per-CoS bandwidth profiles, and specify CoS-to-DSCP mapping
- Support for different network topologies and traffic flow directions
- Summary and result reports in PDF and XML formats

Find out more here:

Xena1564 is a free PC application developed by Teledyne LeCroy Xena for performing Y.1564 methodology using one or more Xena test chassis.

Y.1564 is the ITU-T standard for turning up, installing and trouble-shooting Ethernet-based services. Formulated as an improvement over RFC2544 it is the only standard test methodology that allows for complete validation of Ethernet service-level agreements (SLAs) in a single test.

Xena1564 provides full support for both the configuration and performance test types described in Y.1564. It uses the same terminology and features a simple intuitive GUI that lets you connect one or more Compact and/or B720/2400 chassis for testing Layer 2 and Layer 3.

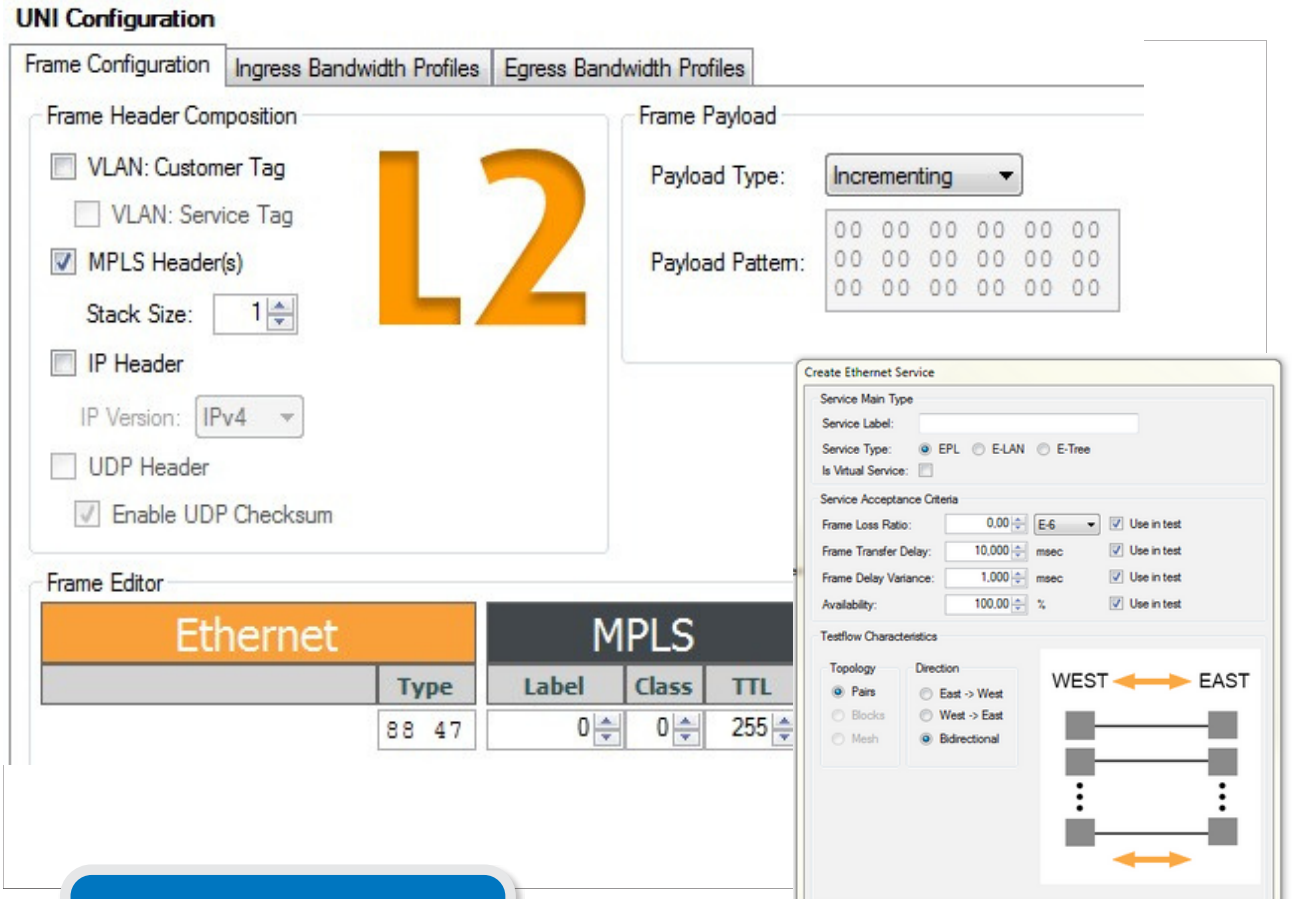
You can define multiple Ethernet services and organize them in a custom folder hierarchy. Xena1564 supports different network topologies and traffic flow directions and can be used for either IPv4 or IPv6.

Via Xena1564, you can define the protocol layers supported by each UNI (Ethernet, Customer and Service VLANs, MPLS, IP and UDP) as well as defining either per-UNI or per- CoS bandwidth profiles for each UNI, plus you can specify CoS-to-DSCP mapping.

Test reports can be generated in both PDF and XML format and extensive configuration options are available for fine-tuning the tests.

The automated script environment may need to perform post-processing actions on the generated reports, either by parsing the data or sending the report somewhere else (by email or by copying it to a remote server).

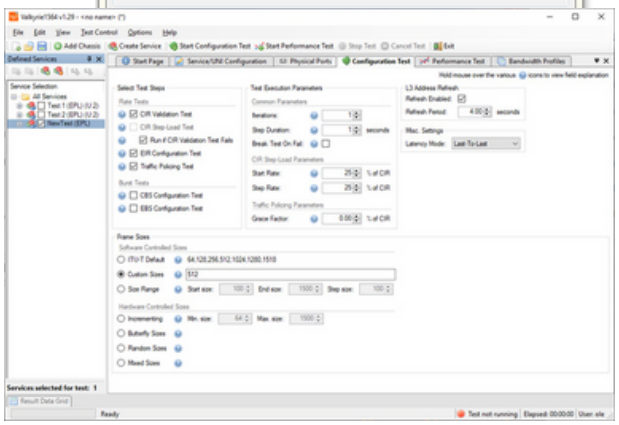
The XML report contains both a test results section and a test configuration section. The results section will contain the actual results, whereas the configuration section contains the full configuration used to perform the test.



Xena1564 measures these parameters (in accordance with ITU-T Y.1564):

Totals:Per UNI-CoS pair:

- Tx rate (%)• Tx rate (Fps)
- Tx rate (Fps)• Tx rate (Bps)
- Tx rate (Bps)• Rx rate (Bps)
- Tx and Rx frames• Loss (ratio)
- Loss (frames)• Transfer Delay
- Loss (ratio)• Delay Variance



Ordering Information

Product Description	Product Code
Xena1564 Standalone Y.1564 application	Xena1564

Local sales offices are located throughout the world. Visit our website to find the most convenient location.

1-800-5-LeCroy • teledynelecroy.com

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