

FastReporter 2

DATA POST-PROCESSING SOFTWARE



Consolidated data management and post-processing tool designed to increase the reporting productivity for connector endface inspection and all types of optical-layer testing: optical link mapper (iOLM), OTDR, ORL, loss, PMD and chromatic dispersion (CD)

KEY FEATURES

Intuitive graphical user interface (GUI)

Live templating for OTDR testing

Powerful batch processing

Bidirectional batch analysis

Automatic tool for duplicated measurement verification

SPEC SHEET



Assessing
Next-Gen Networks

ONE SOFTWARE DOES IT ALL

From handheld loss, ORL, OTDR and iOLM testing to advanced optical characterization—including PMD and CD—the analysis of fiber-optic T&M data presents various challenges:

Editing multiple measurement files



Analyzing multiple measurement files



Documenting your network



EXFO's FastReporter 2 software package provides you with the post-processing tools and functionalities you need to meet such challenges, whatever the application. Designed for off-line analysis of field-acquired data, FastReporter 2 offers a user-friendly environment, which contributes to boosting productivity.

Being able to rely on a single software to manage data and generate reports for all your optical-layer test applications is your solution to true time efficiency and high productivity.

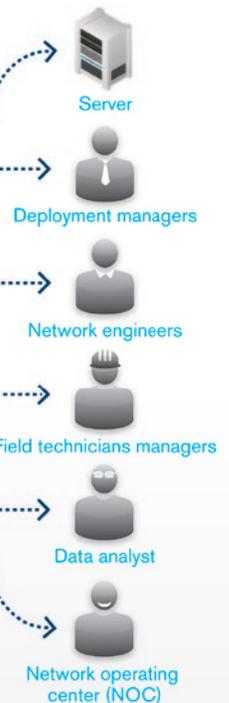


TESTING

FastReporter 2
EFFICIENT POST-PROCESSING SOFTWARE

POST-PROCESSING

- > Editing
- > Analyzing
- > Documenting



CHALLENGE NO. 1

EDITING MULTIPLE MEASUREMENT FILES

Your benefit: faster job completion, and faster transition to the next job

Measurements gathered in the field often require extra processing in order to perform proper analysis, establish accurate diagnoses, and ultimately document the network appropriately. FastReporter 2 includes a series of powerful tools that automate repetitive operations on numerous files and measurements. With a single application, you can process an unlimited number of files and combine single operations into batch operations that apply to all the files.

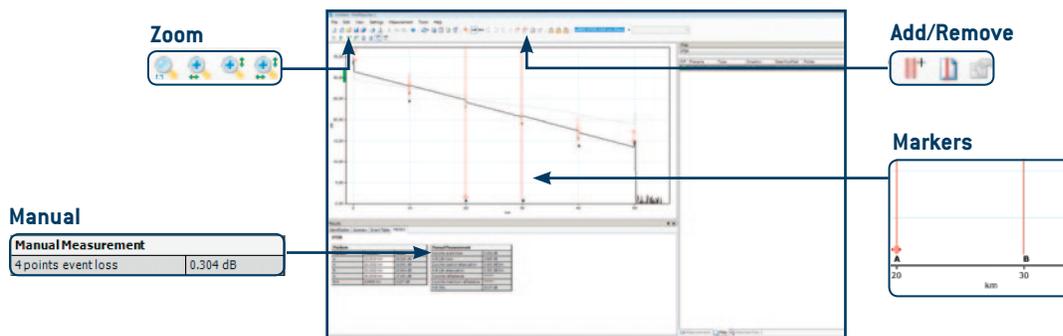


Batch documenting

- › Document an entire project/cable
- › Manage separate measurements simultaneously

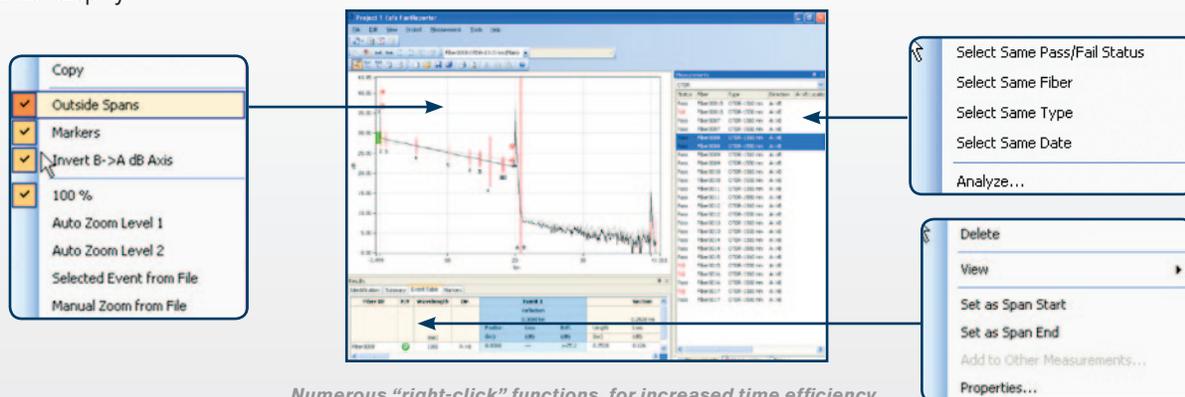
Batch uniformization

- › Adjust cable and fiber parameters
- › Add/remove OTDR events
- › Adjust detection thresholds
- › Perform manual measurements on OTDR files
- › Set pass/fail thresholds



User-friendly interface

- › Windows-based functions
- › Customizable view
- › Dual-monitor display



Numerous "right-click" functions, for increased time efficiency.

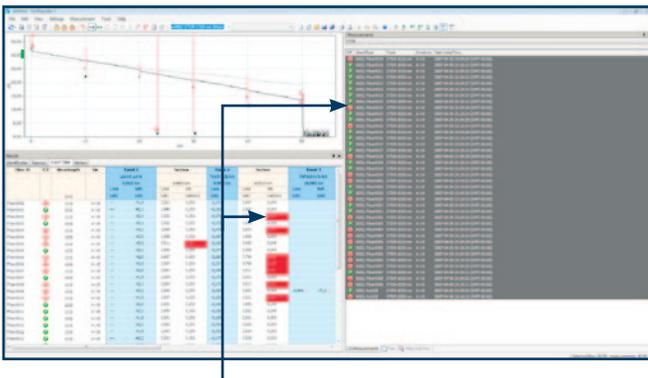
CHALLENGE NO. 2 | ANALYZING MULTIPLE MEASUREMENT FILES

Your benefit: fast diagnosis with minimal risk of error

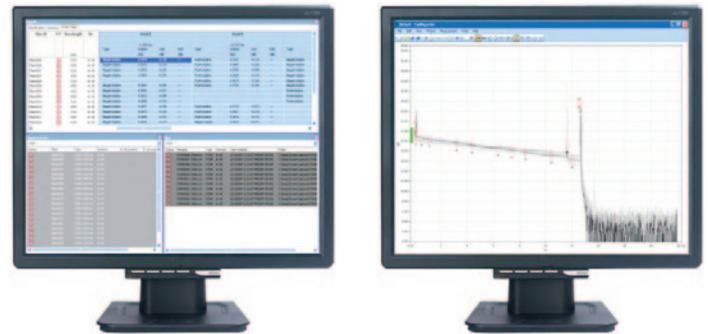
Reviewing hundreds of measurements gathered in the field can require several hours if you do not have the right solution to do so. FastReporter 2's interface can be configured according to your preferences to facilitate the interpretation of results. Furthermore, it provides specialized tools to speed up results analysis and minimize the risk of misinterpretation.

Specialized analysis tool to:

- › Perform OTDR bidirectional batch analysis
- › Detect duplicated measurements
- › Easily identify the results failing network requirements



Failed events/fibers vs. set thresholds



Use two monitors, one for the data, one for the graphic.

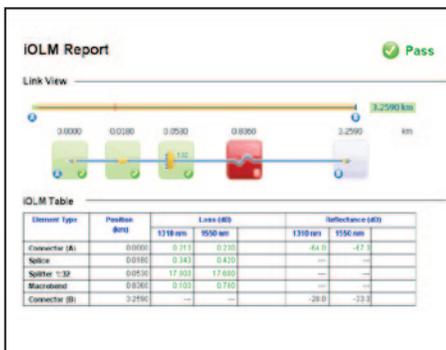
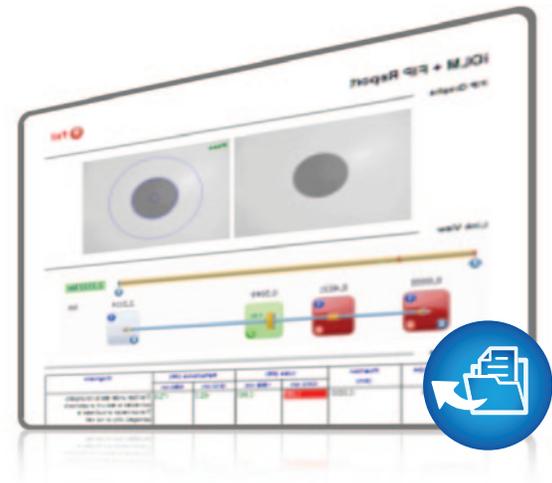
CHALLENGE NO. 3 | DOCUMENTING YOUR NETWORK

Your benefit: protection of your testing investment

Although network test documentation contributes to the planning of network capacity expansion, it is mostly referred to when a problem occurs. Specifically, proper documentation helps technicians fix issues by providing them with a quick “picture” of the network, minimizing the time to problem resolution. FastReporter 2 offers advanced reporting capabilities that help preserve the value of the tests performed—with minimal time and money investment.

Flexibility

- › Various report templates
- › Report customization
- › Combined reports such as:
 - › Fiber characterization (CD, PMD, OTDR and OLTS)
 - › OTDR and fiber inspection (FIP)
 - › iOLM and fiber inspection (FIP)
- › Various report formats (PDF, Excel, HTML)



iOLM report.

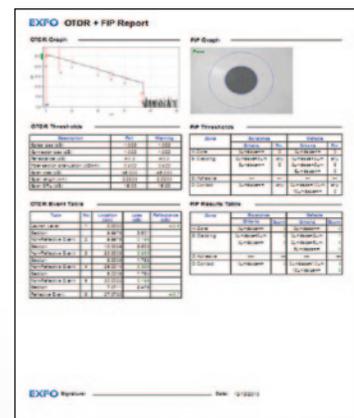
Fiber Characterization Report

General Information
 Cable ID: Cable 012 Customer: Telecom Company Company: EXFO

Fiber ID	CD @ 1550 nm				OLTS				OTDR					
	Frequency (GHz)	Loss (dB/km)	Dispersion (ps/nm.km)	Loss (dB/km)	Loss (dB)									
G2	2333.64	16.84	0.04	0.04	1550	27.620	27.710	27.620	21.78	22.16	138.9500	138.6328	0.188	0.027
					1555	29.600	29.450	29.540	22.35	22.41	138.9500	138.6328	0.212	0.041
G1	2241.23	16.50	0.04	0.03	1550	28.750	28.600	28.600	21.05	20.92	138.9460	138.6328	0.240	0.067
					1555	25.350	25.200	25.200	21.58	21.15	138.9460	138.6328	0.220	0.050
G4	2227.21	16.70	0.04	0.04	1550	29.010	28.870	28.840	22.07	22.00	138.9370	138.5505	0.217	0.074
					1555	30.070	29.940	29.950	21.53	21.05	138.9370	138.5504	0.188	0.078
G3	2228.92	16.81	0.04	0.03	1550	28.080	27.940	28.010	21.83	22.08	138.9370	138.5505	0.214	0.066
					1555	28.750	28.740	28.760	22.05	22.01	138.9370	138.5507	0.228	0.064

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Fiber characterization report.



OTDR and FIP report.

SUPPORTED MEASUREMENTS

Loss and optical return loss (ORL), including FasTesT function
Optical time-domain reflectometer (OTDR)
Intelligent Optical Link Mapper (iOLM)
Polarization mode dispersion (PMD)
Chromatic dispersion (CD)
Fiber inspection probe (FIP) with ConnectorMax Analysis Software
PON power meter (PPM)

SYSTEM REQUIREMENTS

System Element	Minimum Requirement (Windows XP)	Minimum Requirement (Windows Vista, 32 and 64 bit)	Minimum Requirement (Windows 7, 32 bit)	Minimum Requirement (Windows 7, 64 bit)
Processor	Pentium (1.6 GHz or higher recommended)	Pentium (1.6 GHz or higher recommended)	Pentium (1.6 GHz or higher recommended)	Pentium (1.6 GHz or higher recommended)
RAM	256 MB (1 GB recommended)	512 MB (2 GB recommended)	1 GB (4 GB recommended)	2 GB (4 GB recommended)
Disk space	400 MB			
Monitor	One super VGA (800 X 600) monitor (two 1024 X 768 monitors recommended)			
Other requirements	Network adapter Microsoft Internet Explorer version 6.0 or later Microsoft 2000 or later to open .xls files			

ORDERING INFORMATION

FR2-XX

Model

FR2-FC = Fiber Characterization package

FR2-FC-KIT = Fiber Characterization package purchased in kit with selected optical test products^a

FR2-FC-UPG = Fiber Characterization package for existing customer with active FastReporter license

FR2-FC-KIT-UPG = Fiber Characterization package for existing customer with active FastReporter license purchased in kit with selected optical test products^a

Note

- a. See your EXFO local sales representative for details.

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EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

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In case of discrepancy, the Web version takes precedence over any printed literature.