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

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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 meaasurement 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.
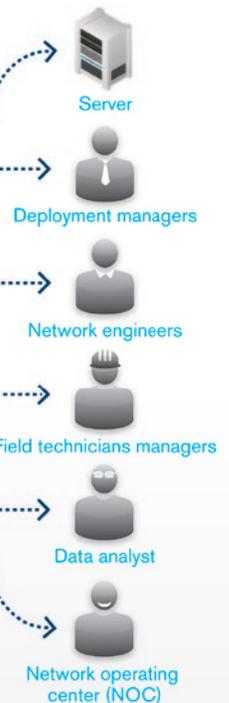
TESTING

POST-PROCESSING
> Editing
> Analyzing
> Documenting

Server

Deployment managers

Network engineers

Field technicians managers

Data analyst

Network operating center (NOC)

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The top right header says "FastReporter 2"

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

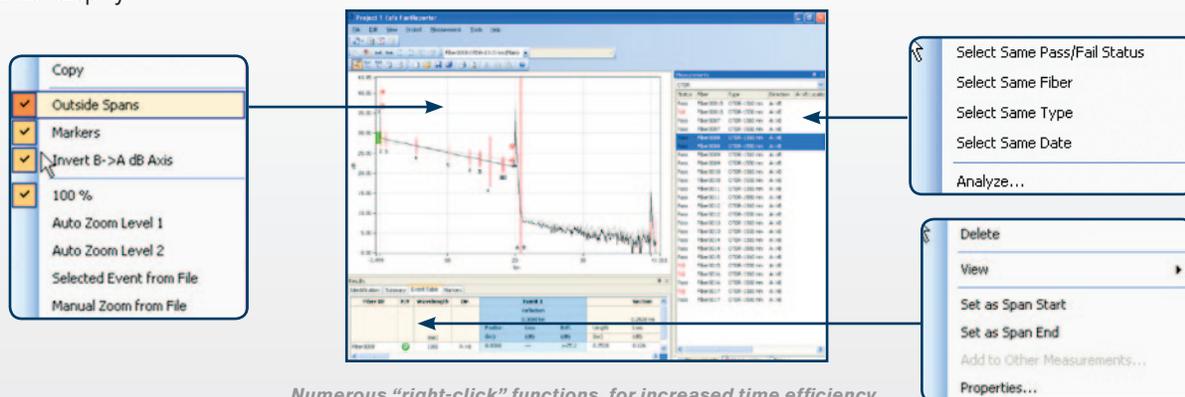› Manage separate measurements simultaneously

Batch uniformization

› Adjust cable and fiber parameters

› Add/remove OTDR events

› Adjust detection thresholds

› Perform manual measurements on OTDR files

› Set pass/fail thresholds

Zoom

Manual

Manual Measurement	
4 points event loss	0.304 dB

Add/Remove

Markers
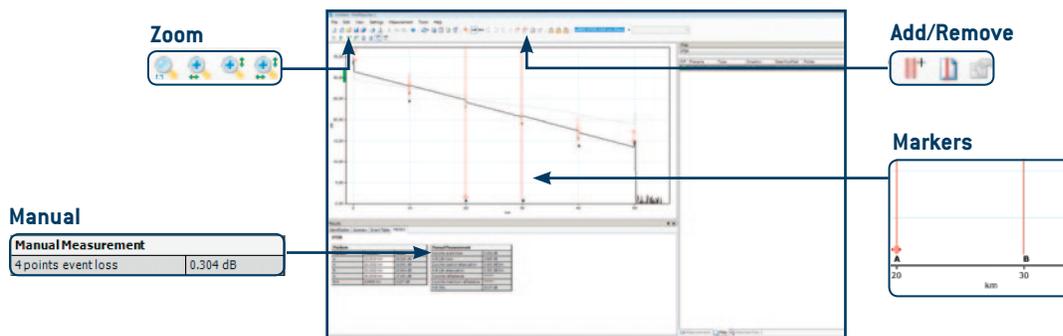
User-friendly interface

› Windows-based functions

› Customizable view

› Dual-monitor display

Copy
Outside Spans
Markers
Invert B->A dB Axis
100 %
Auto Zoom Level 1
Auto Zoom Level 2
Selected Event from File
Manual Zoom from File

Select Same Pass/Fail Status
Select Same Fiber
Select Same Type
Select Same Date
Analyze...

Delete
View
Set as Span Start
Set as Span End
Add to Other Measurements...
Properties...

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

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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
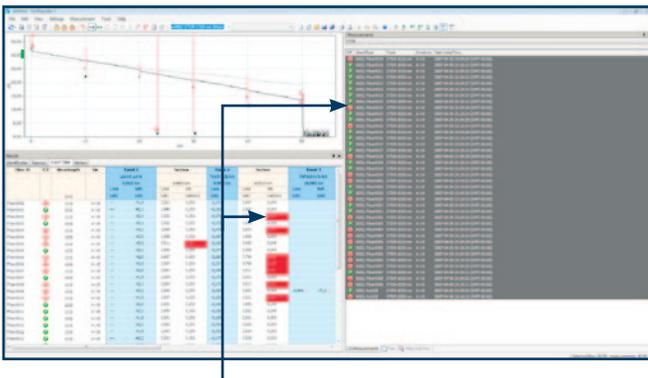
Failed events/fibers vs. set thresholds
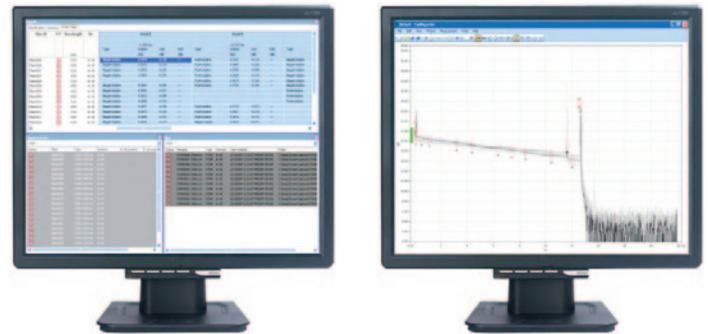
Use two monitors, one for the data, one for the graphic.

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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)
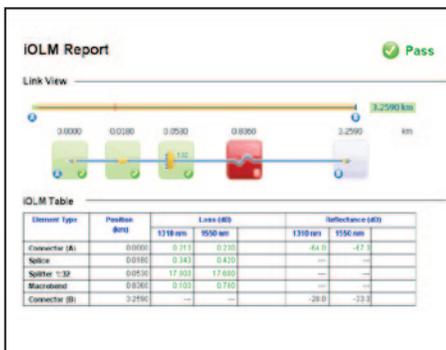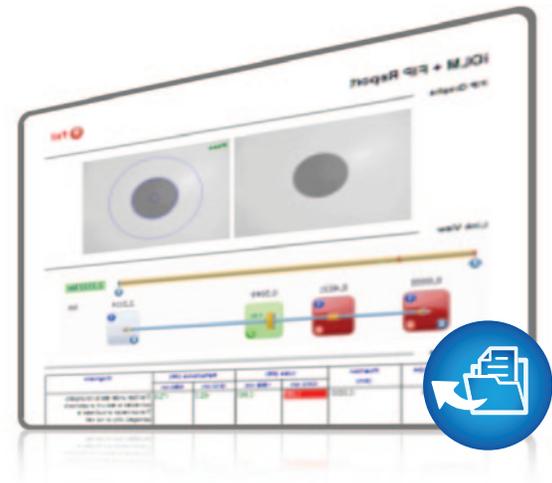
iOLM report.

Fiber characterization report.

OTDR and FIP report.

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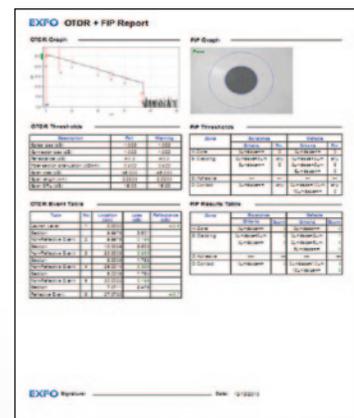
SUPPORTED MEASUREMENTS

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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