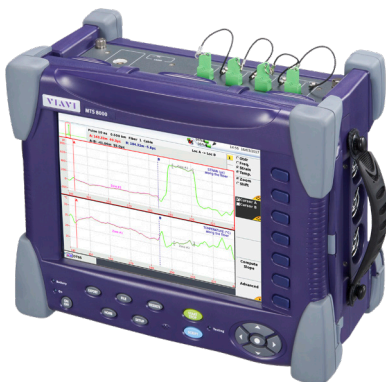


Brochure

VIAVI Fiber Sensing Trace Analyzer Software

Post-processing PC software for fast and efficient viewing, editing, analyzing, and reporting of optical fiber test data for VIAVI DTSS and DTS files.

Manage Your Data Files More Effectively



Create Accurate and Updated Documentation

Fiber Sensing Trace post-processing PC software is designed for any person willing to edit and analyze optical fiber test results offline as well as generate accurate and updated documentation.

T-BERD/MTS Optical Test Platforms

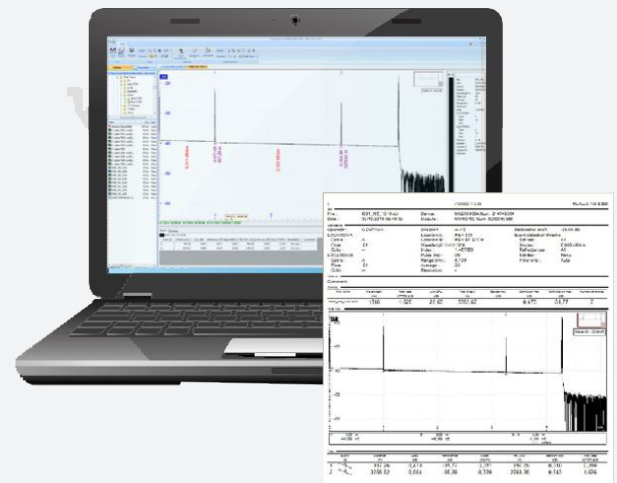
Fiber Sensing Trace Analyzer is a powerful post-processing software tool for VIAVI Solutions T-BERD®/MTS platform optical fiber sensing test data. For decades, the T-BERD/MTS product line has built a solid and trusted worldwide reputation based on cutting-edge, easy to use, portable test technology.

Benefits

- Improve productivity by reducing data post-processing times from hours to minutes
 - Batch-processing/macro functions automatically perform repetitive actions and save results to a series of files
- Enable in-depth, offline analysis of field-acquired data
- Generate professional reports
 - Certify the work with onboard pdf report generation

Applications

- View fiber sensing T-BERD/MTS fiber sensing files (DTSS and DTS)
- Edit and analyze multiple measurement files
- Generate test reports that shows proper handling of fiber and strain tolerances upon installation



Two Versions, One Powerful Tool

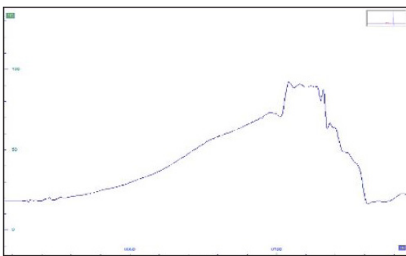
VIAVI optical data post-processing software is available in two versions.

- Fiber Sensing Trace Analyzer lets users view, edit, analyze, and print in a professional format any fiber optical sensing test data acquired in the field with VIAVI T-BERD/MTS platforms. It is ideal for small fiber jobs.

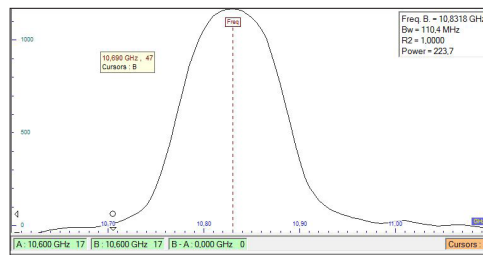
From Simple Visualization to Advanced Report Generation

VIEW User-friendly offline data visualization

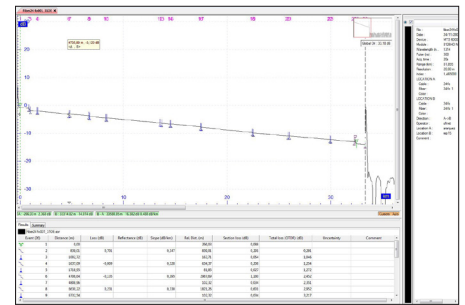
Whether you want to review recent data collected from the field or compare it with previously stored data to check a fiber's behavior and potential degradations, Fiber Sensing Trace Analyzer allows you display on a Windows PC or laptop any data acquired with T-BERD/MTS platforms regardless of the acquisition date.



Temperature or Strain



Brillouin Spectrum



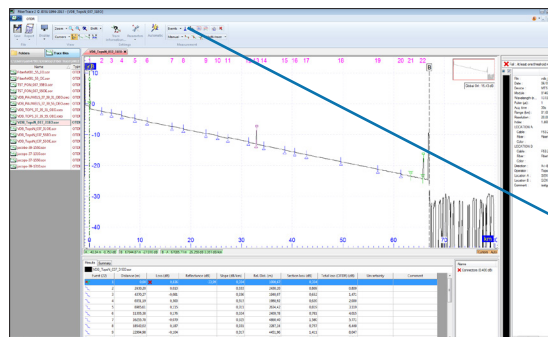
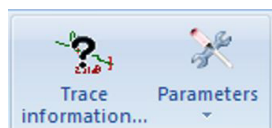
OTDR

EDIT Easy batch documentation and customization

Measurement data collected in the field might need to be documented with additional comments or project-management information. Fiber Sensing Trace Analyzer lets you edit files offline and perform extra processing.

For Any Results

- Adjust measurement or calculation parameters
- Add/modify link and job information

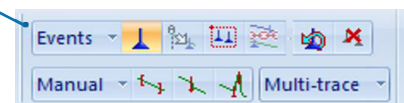


For OTDR Results

- Add/remove events
- Perform manual measurements

For DTSS/DTS Results

- Add/Remove zones



Thanks to an ingenious macro function, repetitive actions (simple or complex) can be performed automatically with a single click on an unlimited number of files.

Discover VIAVI Post-Processing Software at No Cost

A trial version of the Fiber Sensing Trace Analyzer Suite software allows you to run the full software version for 30 days. At the end of the trial period, you will have access to a featured-limited version (Fiber Sensing Trace Viewer).

To download the trial version, go to <https://fibersensing.updatemyunit.net> or ask your VIAVI representative.

ANALYZE Powerful data post-analysis

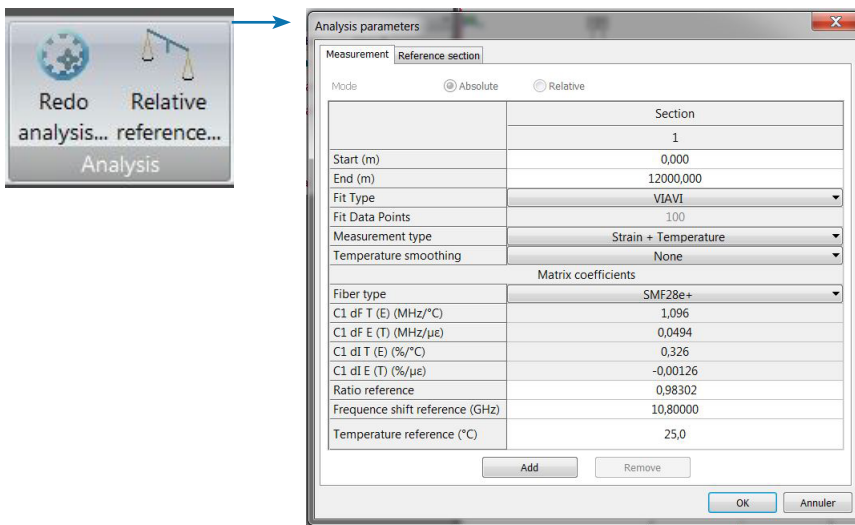
The analysis of a large amount of data acquired in the field can become quite complicated and time consuming. Fiber Sensing Trace Analyzer automates data management and analysis tasks, making it easy to perform new measurements, interpret results, and highlight important information such as events reaching thresholds.

Redo analysis of raw data

Based on the raw data from DTSS or DTS, Fiber Sensing Trace Analyzer allows one to redo the analysis of the data by selecting other FIT, changing Fiber parameters before displaying the strain and temperature.

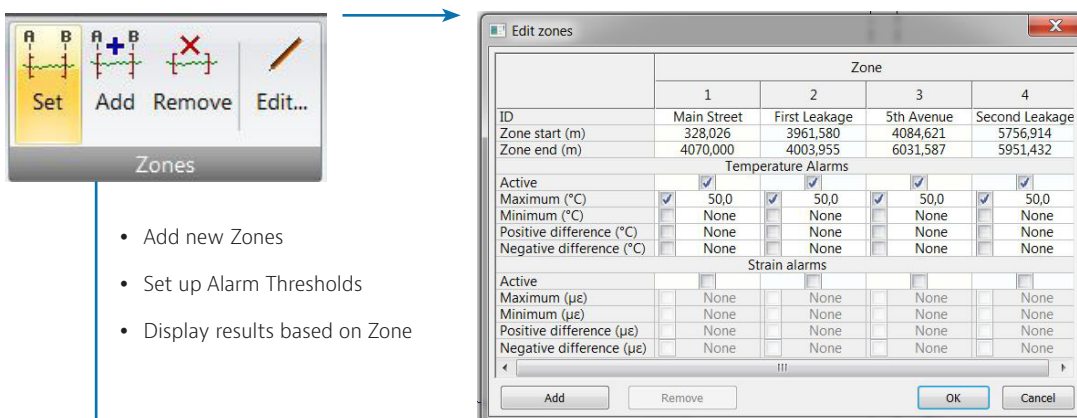
Results Analysis

- Change FIT, Fiber parameters
- Redo analysis of raw data
- Strain, temperature measurement
- Relative mode by selecting reference
- Zone definition with threshold management



Zone Definition

FiberSensing Trace Analyzer allows one to add, remove, identify up to 256 zones along the fiber. The associated result table gives result per zone, highlighting the values greater than predefined threshold alarms.



- Add new Zones
- Set up Alarm Thresholds
- Display results based on Zone

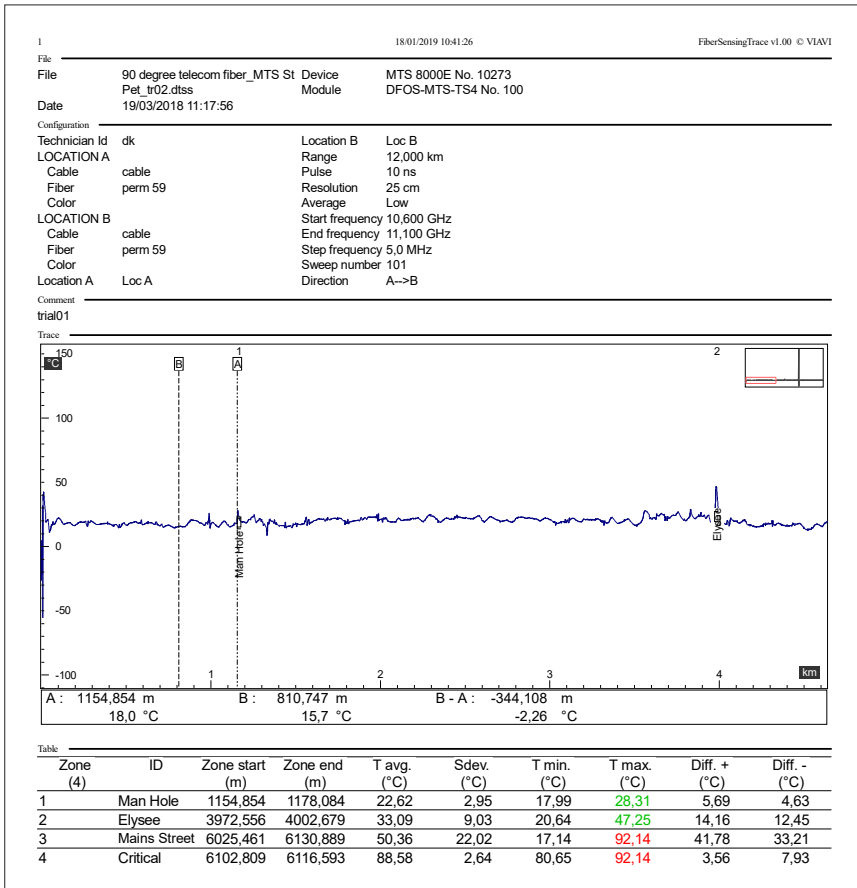
Zone (4)	ID	Zone start (m)	Zone end (m)	T avg. (°C)	Sdev. (°C)	T min. (°C)	T max. (°C)	Diff. + (°C)	Diff. - (°C)
1	Main Street	328,026	4070,000	20,36	2,90	8,77	47,25	26,89	11,60
2	First Leakage	3961,580	4003,955	30,21	8,92	18,45	47,25	17,04	11,76
3	5th Avenue	4084,621	6031,587	19,22	2,24	9,54	26,58	7,36	9,67
4	Second Leakage	6104,085	6116,593	88,75	2,46	80,65	92,14	3,38	8,10

REPORT Comprehensive Report Generation

Fiber Sensing Trace Analyzer easily generates compelling reports to record field data in a professional format.

Advanced Reporting

- Configurable printouts
- HTML, Excel, or PDF file format



Ordering Information

Description	Part Number
Fiber Sensing Trace Analyzer Software	EDFOS-TRACE



Contact Us **+1 844 GO VIAVI**
 (+1 844 468 4284)

To reach the VIAVI office nearest you,
 visit viavisolutions.com/contact

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