

SmartOTDR

SmartOTDR SL

Version ID : 212430

Release date : 18th June 2021

Versions:

- | | |
|--------------------|---------|
| - Boot | 10.76 |
| - Linux Kernel | 21.7.3 |
| - File System | 21.7.14 |
| - Instrument Setup | 21.14 |
| - Microscope | 21.14 |
| - Fiber Optics | 21.14 |

This release note supersedes the previous ones, the added features and improvements are described below.

Mainframe / Base Unit

New functionalities

- **This software release brings a complete update to the look, feel, operation and performance of our fiber optics applications. The user experience has been redesigned to improve the usability by reducing complexity and adopting modern smart device gestures/techniques.**
- A storage limit option was added to SETTINGS/Utility. A pop-up information window is displayed when the storage limit is reached (between 70 to 95% of the disk memory space)

Improvements

- Management of an all-in-one WiFi/Bluetooth (low energy) dongle for fast and easy connection with smart devices, especially using VIAVI Mobile Tech App.

Problems correction

- File manager: directory name with blank space created a disk error.

Microscope

Improvements

- Fiber end-face image is included in the .json report

OTDR

Improvements

- OTDR Power Meter: Manual entry of any wavelength is allowed within the specified range of operation
- Firmware version of Fiber Optics applications is added to .pdf reports
- Update of alarm(s) thresholds per the IEC/TIA standards

Problems correction

- Pulse repetition rate process has been modified when using an existing config file
- OTDR .pdf report sometimes cut in the middle of a table while there is still lot of space on the page

Test Process Automation (TPA)

Improvements

- Common VIAVI data model schema update for OTDR results to enhance data analytics in StrataSync
- Management of inspection and power meter .json report files into StrataSync
- Management of job files coming from the Job Manager Creation Webpage and StrataSync

- Add SmartLink IDs into OTDR files/reports for better management of results
StrataSync