

T-BERD/MTS-4000 v2

202240

Release Note

Release date : 05/28/2020

Versions:

- Boot 10.56
- Linux Kernel 10.74
- File System 21.0.1
- Instrument Setup 19.00 05/28/2020
- Microscope 19.00 05/28/2020
- Fiber Optics 19.00 05/28/2020

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

Mainframe / Base Unit

New functionalities

- Add compatibility with Mobile Tech VIAVI App:
 - Ability to transfer files from the instrument via the app to StrataSync cloud data management system
 - Add any relevant information to the test files (Technicien ID, Location/GPS, Date & Time, Pictures)
- Add WiFi connection to a WiFi hotspot requesting to enter login & password on a specific webpage

Improvements

- Improvement of the usability of the virtual keyboards (cancel icons, caps lock, ...)
- Job Manager: A no completion of the loopback measurement now returns the information "incomplete" in the job manager
- Improved naming of the manual steps

OTDR

New functionalities

- FTTH-SLM: Detection of clustered splitters in case they cannot be identified separately (ex: splitters in the same splitter cabinet). A new icon is displayed if the setup contains the information about these two splitters and the correct pass/fail criteria is applied.
- Add further scenario options for un-balanced/tapered splitters type network:
 - 50/50 split ratio
 - 1:4 as the "last splitter" Improvements

Improvements

- Traçability management of the auto-measurement version
- Improved OTDR auto measurement/detection
- Improved OTDR event messages of the link mapper and the table of events. It helps user identifying quickly the event types, potential causes of failure and ways to fix them.
- SmartTEST: Improved management of various configuration files, especially with multi-pulses acquisition settings

C-/DWDM OTDR

New functionalities

- Wavescan feature automatically detects of the right xWDM channel to be used for testing
- New software function "SFP Protect" controls the output power level of the OTDR to do not damage any equipment during in service measurement

Improvements

- Improvement of MUX/DEMUX automatic detection

TestPRO/FiberComplete

New functionalities

- Add the launch, receive, loopback cable measurement button in the setup
- Manage FiberComplete MPO automatic test:
 - Sequence all 12 x fibers of a MPO/ribbon cable to perform automatically: bidirectional IL/ORL, length, bidirectional OTDR
- Manage FiberComplete centralized test approach: At central office, one unit with FiberComplete MPO connected to 12 individual fibers, in the field, one technician with a standard FiberComplete unit. This test process allows testing 12 fibers going to different routing/customers without the need to go back to the central office to change test ports.

Improvements

- Loopback: Improved detection of the loopback cable when no events are detected
- Improved management of results saving, avoiding to save unnecessary data when the function is being stopped