

# MTS / T-BERD 2000

## B16091

### RELEASE NOTE

#### **Firmware Pack Version B16091 (February 2016)**

|   |                  |        |                  |
|---|------------------|--------|------------------|
| - | Boot             | V6.24  | 26/January/2016  |
| - | Linux Kernel     | V7.52  | 21/January/2016  |
| - | File System      | V5.76  | 12/February/2016 |
| - | Instrument Setup | V15.08 | 23/February/2016 |
| - | Microscope       | V15.08 | 23/February/2016 |
| - | OLP-4057         | V1.19  | 20/Dec/2015      |
| - | Fiber Optics     | V14.64 | 23/November/2015 |

# CONTENT

|                                 |   |
|---------------------------------|---|
| T-BERD/MTS 2000 Base Unit ..... | 3 |
| New functionalities .....       | 3 |
| Improvements .....              | 3 |
| FO Generic Functions .....      | 3 |
| New functionalities .....       | 3 |
| Improvements .....              | 3 |
| OTDR .....                      | 3 |
| New functionalities .....       | 3 |
| Improvements .....              | 4 |
| FiberComplete .....             | 4 |
| New functionalities .....       | 4 |
| Improvements .....              | 4 |
| LTS.....                        | 4 |
| Improvements .....              | 4 |
| Scope .....                     | 4 |
| Improvements .....              | 4 |

## T-BERD/MTS 2000 Base Unit

### *New functionalities*

- First Viavi firmware

### *Improvements*

- Home page with only icon-based user interface
- New platform settings structure
- Wifi: ability to view more than 8 SSIDs
- Better handling of fast & double home key press
- Stratasync: Activation on home page
- Stratasync: Addition of wavelength and location B into metadata
- Stratasync: Addition of stratasync history file

## FO Generic Functions

### *New functionalities*

- Concatenated report generation
- Ability to confirm result storage in case of failed results
- Ability to generate automatic directory naming
- Compatibility with Viavi USB power meters
- Configuration files now available for all functions
- Directory name now available for each function

### *Improvements*

- Refresh of Fiber Id and Cable Id in case of different extremities
- Increased number of characters for Job Id (63), Cable/Fiber Id (42) and filename (60)
- Addition of warning in case of truncated file naming convention
- Improved scroll bar on file explorer
- Improved file storage management
- Copy of setup for from a given function to all other functions including optical scope
- Addition of the firmware version on all configuration file

## OTDR

### *New functionalities*

- Enterprise SLM option
- With filtered OTDR, workflow to perform power level measurements followed by in-service OTDR measurements, with associated report generation

- Ability to generate a report which includes OTDR & Power level measurements, after an OTDR acquisition
- In cursor mode, the auto cursor with auto zoom position the cursors at launch ends with auto zoom adjustment around fiber under test
- New user defined distance range
- OEO: Addition of “distribute event” function for optimum bidirOTDR tests
- OEO: Harmonization between standard analysis and OEO analysis
- OEO: New configuration file
- OEO: Edition of cable length available even if no active trace available

## ***Improvements***

- Improved management of warning alarms
- Improved real time mode: when changing test parameters, the parameter softkeys remain.
- Better management of total loss and ORL calculation when the launch cable is positioned in distance shorter than the OTDR front end dead zone (too close to the OTDR starting point)
- Optipulse: Increase of the range for the shortest pulse
- Optipulse: Improved detection of splitter type
- CableCo: Improved deactivation/reactivation of fiber number with MM OTDR

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## **FiberComplete**

### ***New functionalities***

- Ability to redo or delete a measurement in the cable view

### ***Improvements***

- Improved management of FiberComplete in case of deactivation of the OTDR function during measurement, or in case of change of the OTDR mode

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## **LTS**

### ***Improvements***

- No longer zero referencing process in case of signal

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## **Scope**

### ***Improvements***

- Faster PDF report generation
- Improved management of scope storage