# T-BERD/MTS – 2000v2/4000v2

Version ID :    21.9.2

Release date :    08th October 2021

Versions:

- Boot                    10.80
- Linux Kernel            21.8.2
- File System             21.9.2
- Instrument Setup        21.50
- Microscope              21.50
- Fiber Optics            21.50

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

## Mainframe / Base Unit

New functionalities
- Improvements and corrections of the new user interface
- Addition new license TrueBIDIR: ETRUEBIDIR-FCOMP-PRO

Improvements
- PDF reports always include cursors A&B on graph
- Ability to do a screenshot from the Results page with new UI
- Translation updates (Chinese, German, Hungarian and others)

Problem corrections
- T-BERD/MTS4000 random lock up at turn-up (White screen)

## Microscope

Improvements
- Test report settings always kept at product turn off

## OTDR

New functionalities
- New TRUEBIDIR functionality allowing performing automated bi-directional OTDR measurements with setup and results transfer through the fiber under test
- Add 25GHz channel grid for DWDM OTDR application

Improvements
- Better management of 3-splitter clusters in PON architecture with FTTH-SLM
- Optimized test time vs. pulsewidth in high split ratio (>1x64)

Problem corrections
- The launch cable integrated into the OTDR modules is correctly managed
- Average loss value different between pdf report and SLM

## Test Process Automation (TPA)

New functionalities
- Management of FiberComplete workflow into Staratsync, MobileTechApp and Job Manager
- Management of new FCOMP-PRO results and jobs (workflow process availability pending official Stratasync software version 13.0 and MobileTechApp 4.6)
- Send and receive FCOMP-PRO config files to/from Stratasync

Improvements
- Add metadata to Bidir IL/ORL pdf reports for Stratasync
- Inspection scope + OTDR process flow better managed

Problem corrections

- Factory sync of purchase order number and date

## OSA/OCC

New functionalities
- New OSA module for T-BERD/MTS 2000/4000/5800 and ONA-800 mainframes
- New OSA user interface

## FCOMP-PRO/FiberComplete

New functionalities
- New TRUEBIDIR functionality allowing performing automated bi-directional OTDR measurements with setup and results transfer through the fiber under test
- Ability to sequence automated bi-directional IL/ORL and TrueBIDIR OTDR

Improvements
- MPO switch management sequencing 12 FiberComplete measurements and auto-detecting MPO cable polarity type.