

# MTS / T-BERD 8000 V2 B16424 RELEASE NOTE

## **Ste-Core Package 16424 (October 2016)**

- Boot V6.72 (31/August/2016)
- Linux Kernel V8.48 (31/August/2016)
- File System V6.16 (07/October/2016)

## **Ste-Optical Package 16424 (October 2016)**

- Fiber Optics V15.56 (04/October/2016)
- Instrument Setup V15.56 (04/October/2016)
- Microscope V15.56 (04/October/2016)

This version supersedes the previous release note B16363 (changes for this version with \* at the beginning)

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## T-BERD/MTS 8000 V2 Base Unit

### *New functionalities*

- Control of an external switch, via USB connection
- New wifi options with now 3 modes: connection to hotspot, ad-hoc mode (mostly for iOS) and Access Point Master (mostly for Android, however the Android cannot do simultaneously wifi + 3G/4G)

### *Improvements*

- All relevant SCPI commands are having a carriage return info compatible for windows
- Improved management of bluetooth pairing and data transfer
- Improved management of function changes from “connectivity” page to “result” page (example)
- Improved titlebar management
- Improved management of Auto-negotiation Ethernet mode
- Improvement of when the unit is having a network connection and is in a locked mode, searching for application upgrades once the BERT application within the MSAM module is started
- For simplification, the email client, calendar and contact applications are no longer available
- \* Improved management of cloud storage (null disk)
- \* Improved management of hard disk
- \* Re-edition of password for VNC with password
- \* Improved management of USB function cancellation

## OTDR

### *New functionalities*

- Enterprise SLM license:
  - label management with simplex, duplex and 12 MPO handling
  - generation of complete .txt project report
- Cable co license evolution: management of up to 1000 fibers with new display
- SLM license: The section length can be seen in SLM view

### *Improvements*

- Optipulse license: Improved FTTH topology management when using multiple pulses
- Improved .txt link manager information, now also includes pass/fail, max connector, and length of max splice
- The report is now always made with the correct order of wavelength
- Improved handling of SLM with one customer license
- bidirOTDR: on the result page, the information now is only provided for the given displayed acquisition, and not updated when the setup is changed

- Addition of a TestAuto configuration file for network having high event loss and reflectance
- \* Cable Co License:
  - Improved project close
  - Display of number of fibers to test instead of total number of fibers
- \* Enterprise SLM:
  - Improved management of MPO12 connector
  - Improved storage of txt project file

## FiberComplete

### *Improvements*

- Increase of timeout between units during fibercomplete OTDR test (now up to 5mn for each acquisition)
- Improve loopback referencing

## PMD

### *Improvements*

- In statistic mode, individual low value measurements are now properly stored in the .PMD file together with the PDF file when selected
- In statistic mode, the PDF file now uses the table of results shown on the unit (for example, if in statistic mode, it will show the statistics table)

## Scope

### *Improvements*

- Improved management of selection of profiles
- \* Improved management of the scope to reduce its active memory use, this for a better use of the product when running other functions

## Script

### *Improvements*

- The link information are now always fully provided to the microscope application when starting a test sequence
- \* Addition of bit-rates for the old FiberCharacterization script
- \* Improved management of user defined alarms for CD/PMD