

MTS / T-BERD 4000

B16091

RELEASE NOTE

Firmware Pack Version B16091 (February 2016)

Ste-Core P16091

- Boot	V2.80	05/February/2016
- Linux Kernel	V1.80	05/February/2016
- File System	V5.76	12/February/2016
- Instrument Setup	V15.08	23/February/2016
- Microscope	V15.08	23/February/2016

Ste-Optical P16091

- Fiber Optics	V15.08	23/February/2016
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Eni-Apps P11333

- OLP-4057	V1.18	17/Aug/2011
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Salem-Apps P12064

- IEEE80211	V1.84	08/Nov/2010
- COPPER	V1.89	09/Feb/2012
- VDSL	V1.84	08/Nov/2010
- ETHERNET	V1.84	08/Nov/2010
- SCRIPT	V1.84	08/Nov/2010

Cam-Apps P11132

- ESAM	V2.01	29/Mar/2011
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T-BERD/MTS 4000 Base Unit

New functionalities

- First Viavi firmware

Improvements

- Home page with only icon-based user interface
- New platform settings structure
- New background/colour scheme for indoor/outdoor use
- Wifi: Ability to view more than 8 SSIDs
- Improved management of ON/OFF button
- Better handling of fast & double home key press

FO Generic Functions

New functionalities

- Ability to confirm result storage in case of failed results
- Ability to generate automatic directory naming
- 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

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

LTS

Improvements

- No longer zero referencing process in case of signal

Scope

Improvements

- Faster PDF report generation
- Improved management of scope storage