

# SmartOTDR

# B161710

# RELEASE NOTE

## **Ste-Core Package 161710 (April 2015)**

- Boot V8.06 (2/February/2016)
- Linux Kernel V9.10 (27/January/2016)
- File System V8.12 (14/April/2016)

## **Ste-Optical Package 161710 (April 2015)**

- Instrument Setup V15.12 (25/April/2016)
- Microscope V15.12 (25/April/2016)
- Fiber Optics V15.12 (25/April/2015)

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## SmartOTDR Unit

### *New functionalities*

- First Viavi firmware

### *Improvements*

- Wifi: ability to view more than 8 SSIDs
- “Export” soft key on top of the screen now working
- Better handling of fast & double home key press
- Cloudme access now back to available
- Stratasync: Better handling of upgrade
- 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
- Configuration files now available for all functions
- Directory name now available for each function

### *Improvements*

- 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
- Improved dynamic range at 20 $\mu$ s for SmartOTDR type B series

## 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
- Optipulse: function now available as standalone

### ***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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## **LTS**

### ***Improvements***

- Now, in auto mode on power meter, if no modulation received, no measurement is performed
- No longer zero referencing process in case of signal

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## **Scope**

### ***Improvements***

- Faster PDF report generation
- Improved management of scope storage