MTS / T-BERD 2000 B14393

RELEASE NOTE

Firmware Pack Version B14393 (Sept 2014)

-	Boot	V5.30	25/July/2014
-	Linux Kernel	V6.94	24/Sept/2014
-	File System	V5.00	25/July/2014
-	Instrument Setup	V13.06	24/Sept/2014
-	Microscope	V13.06	24/Sept/2014
-	OLP-4057	V1.19	20/Dec/2014
-	Fiber Optics	V13.06	24/Sept/2014

(This Fiber Optics release note supersedes the previous B14305 release note).

CONTENT

T-BERD/MTS 2000 Base Unit

Improvements

- A warning is now provided when the disk free space reaches 5% of capacity
- When a directory is created, the cursor is then located at this given directory
- Improved management of 3G/4G dongle
- Improved warning message during email file exchange issue
- Updated translations
- Improved NTP security
- Improved management of tethering communication with iPhone 4S and iPhone with iOS7
- For remote control commands, ability to handle "\n" on warnings
- Improved proxy server handling with Stratasync
- For the SmartOTDR only version, the distance unit is now kept after switch off
- Multiple translation improved (Spanish, Italian, Polish)

FO Functions

Improvements

- Improved handling of the PDF generation with multiple functions
- When "copy setup to all" is selected, a confirmation is now requested

OTDR

New functionalities

- FTTA-Extended license: on top of the FTTA-SLM licence, different topologies can be also selected (SmallCell, RoofTop, DAS…)
- Addition of jod ID under link description
- New advanced OTDR licence (to manage settings with different extremities, notes, modification of event type, etc…)

Improvements

- Optipulses: With short acquisition, suppression of the noise area after the useful part of the trace
- Optipulses: improved management of automatic optipulses with integration of launch cable information
- Optipulses: On short acquisition, management of only one pulsewidth
- Improved PDF report
- BidirOTDR tab: this tab is now aligned with the different OTDR evolutions (trace, zoom, cursors, overview…)
- Improved display refresh during real time measurement with cursors
- Improved management of acquisition parameters during real time

- Faster PDF report generation
- When launch cable is used, the 0 distance axis starts at the end of the launch cable
- With touchscreen displays, the selection between trace only and trace+table now also available by clicking into the mini-trace located on top left of the screen
- A new acquisition reset the "fast report" key
- Improved positioning of receive cable when a distance is set manually
- Improved management of realtime display when power meter tab is also available
- FTTA-SLM: improved management of merged events
- FTTA mode: improved management of fiber coding of Rx-Tx
- Ability to have more than 3 digits for cable structure

FiberComplete

Improvements

- Addition of a beep at the connection between the two instruments
- During referencing process, "Init Refs" key is now changed to "Factory Refs"
- Better use of touchscreen on the table of events (scroll bar, …)
- During referencing, "Attenuation too high" now provides information about its high loss
- Better management of Auto mode in OTDR when using FiberComplete, this when the OTDR is not activated during the selection of the Fcomp settings
- Better management of "OTDR error FO 1100" message
- Improved generation of PDF report for cable files
- The power and ORL references are now immediately stored

Scope

Improvements

- Improved setup menu, in line with the other optical functions
- Improved report generation menu directly from result/setup page
- Auto increment also available when storing in PDF format
- More scope profiles available and automatic adjustment of tip according to the given profile
- Better management of the keyboard
- If the scope version is smaller than 1063, at first connection, a message advises to upgrade to a more recent version
- Possible management of colors for scope focus