Release Notes

OTU-5000 SmartOTU
FTH-5000 Standalone Mode

V24.1006 – 25 October 2024

New Features:

- EPT 10082 - AUTO-Config improvements
- EPT 10081 - EzMeasurement AUTO-Measure improvements
- EPT 10001 - PON Automatic calibration

Enhancements:

- EPT 10229 - Offering the possibility to use the first external switch for monitoring and cascading other external switches
- EPT 10090 - Json configuration File
- EPT 9811 - Minor Alarm flapping

Bugs Fixing:

- EPT 10282 - OTU reachability counts not showing correct data on skipper
- EPT 10145 - alarm is cleared when changing scheduler
- EPT 10003 - P2P Test run when using VIP too frequent
- EPT 9992 - No detection of a fiber break on one branch after a splitter
- EPT 9954 - Software alarm for OTU v21.7 reappear
- EPT 9567 - Fiber cut Alarm fluctuation - High Rate Alarm Case
- EPT 9527 - High rate alarm and test unscheduled due to Minor Alarm Fluctuation
- EPT 9342 - Measurement improvement - Algorithm identifies strong slope as a tailing effect

Vulnerabilities:

- EPT 9956 - Terrapin vulnerability
- EPT 10018 - Qualys vulnerabilities Severity 5: OpenSSH CVE-2023-51767 and CVE-2023-51385

V23.18 – 24 July 2024

Bugs Fixing:

- 10127: EOTDRv2 eotdrv2 upgrade not working since 20.x
- 10199: OTU5K rebooting when loading legacy traces (legacy monitoring)

V23.16 – 09 February 2024

Bugs Fixing:

- 9840: Can loop indefinitely on same standard test when using standard monitoring test on same port
- 9841: Linear Attenuation change not updated on OTU

V23.14 – 30 Oct 2023

Enhancements:

- 7385: SNMP V3

Bugs Fixing:

- 9657: Reboot after setting Ipv6 Site of more than 19 characters.
- 9740: Firewall setting disabled

V22.74 – 26 May 2023

Bugs Fixing:

- 9543: OSX not detected because of calibration corruption
- 9521: SHDC card is sometimes unreachable

V22.68 – 11 April 2023

Bugs Fixing:

- 9462: Automatic Measurement crash

V22.64 – 9 March 2023

Bugs Fixing:

- 9412: Internal Communication alarm on OTU5k after upgrade to 22.58
- 9384: Test not monitored because of wring test ordering

V22.58 – 6 February 2023

Bugs Fixing:

- 9201: Attenuation alarm event flapping
- 9202: Injection alarm event flapping
- 9339: Alarms cleared on wrong test when re-referencing
- 9328: Issue with password after upgrade

- 8338: CPU Temperature Alarm Change
- 9262: Impossible to deploy license if the file containing unsent emails is too big

Enhancements:

- 9176: FTH-5000 EXTENDED TEMPERATURE RANGE FOR OTDR AT 1650NM

V21.52 – 24 November 2022

Bugs Fixing:

- 8947: Wrong position if Last Marker when the end of fiber is not clearly visible
- 9030: False Alarm caused by temperature variation
- 9089: Link Loss "deviation from reference" not correct

Enhancements

- 9054: Universal Optical Switch Support
- 9104: New Alarm (severity Warning) when it is detected that the fiber end changed after the fiber was repaired. The alarm message is "Fiber change, New reference required". This alarm is also transferred by SNMP Traps with the following values:

    - JdsuOtuAlarmType: optic(1)
    - optical alarm specific problem: attenuation(1),
    - JdsuOtuOpticalAlarmSubProblem: attenuation(3),
    - jdsuOtuAlarmEventEntryOpticalAlarmProbableCauseText: « Fiber changed, New reference required»

V21.44 – 14 June 2022

Bugs Fixing:

- 8789: Alarm level is not correct in case of fiber cut
- 8857: Wrong localization with low thresholds

V21.36 – 21 January 2022

Bugs Fixing:

- 8699: Issue with long IPV6 address

V21.30 – 28 December 2021

Bugs Fixing:

- 8427: ProbableCause field empty in email
- 8623: Upgrade from 17.18 to 21.16

V21.26 – 22 November 2021

Bugs Fixing:

- 8427: Impossible to set full IPv6 address for snmp manager through API
- 8420: Flash monitoring / The monitoring is stopped when signal is received
- 8402: Flash monitoring / Alarm OTDR trace is missing
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Enhancements

- 8404: link name Added to email subject
- 8386: Test On Demand thru SNMP
- Synchronization with NTP server:
    - `otu:api:conf:ntp:enable false/true`
    - `otu:api:conf:ntp:conf static, NTP server IP Address`
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    - examples
    - `otu:api:conf:ntp:enable true`
    - `otu:api:conf:ntp:conf static, "10.49.2.132"`
    - `otu:api:conf:ntp:conf static, "pool.ntp.org"`

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V21.10 – 26 July 2021

Bugs Fixing:

- 8319: Flash monitoring / APD tension drift

Enhancements

- 8273: Flash monitoring / Link name included with all the notifications
- 8235: Flash monitoring / Files download from UI

V20.22 – 6 May 2021

Bugs Fixing

- 8232: shortAcq started on detection/localisation without SmartAcq

V20.16 – 25 Feb 2021

Enhancements

- 8103: Flash monitoring for flapping diagnostic

Bugs Fixing

- 8102 : "missing ref trace" on fiber degradation after upgrade to 20.10

V20.10 – 8 Feb 2021

Bugs Fixing

- 7763 : Communications errors with external switch

V18.94 – 18 Nov 2020

Bugs Fixing

- 7740 : False alarm temperature in SmartAcq mode (short + Long pulse) when traffic is amplified

V18.86 – 1 July 2020

Enhancements

- 7451: Support of 144 ports optical switch

Bugs Fixing

- 7646 : blocking after upgrade when alarms are present
- 7656 :: False alarm on reflective fiber end

V18.80 – 1 June 2020

Enhancements

- 7333: SNMP Walk
- 7200: ZTP

Bugs Fixing

- 7341: Autoconfiguration issue

V18.58 – 4 December 2019

Bugs Fixing

- 7307: Main Led never lights or Flash to indicate Local mode

V18.54 – 31 October 2019

Enhancements

- Dual pulse acquisition reducing the front end dead zone to few meters (1)
- Monitoring algorithm enabling Fiber fault location from few meters after the OTDR up to few meters before the end of fiber. (1)
- Root cause of the fiber fault (Connector or fiber)
- High sensitivity monitoring available with OTDR E81162D and E8115D. A software license is required. Consult Viavi sales or partners.
- Web Services REST Application Program Interface. A software license is required. Consult Viavi sales or partners.
- Number of ports display in SmartOTU monitoring view has increased from 24 to 48 per page

(1): After the upgrade there is a specific process described in the embedded user manual to apply the monitoring algorithm and dual pulse acquisition.