

# Optimeter

## Latest software version

**Version ID : 222950**

**Release date : July 22, 2022**

| Application      | Version | Date       |
|------------------|---------|------------|
| Boot             | 10.81.1 | 2022/07/21 |
| Linux Kernel     | 25.1.0  | 2022/05/31 |
| File System      | 23.0.7  | 2022/07/22 |
| Instrument Setup | 22.52   | 2022/07/21 |
| Microscope       | 22.52   | 2022/07/21 |
| Fiber Optics     | 22.52   | 2022/07/21 |

### Mainframe / Base Unit

#### New Feature/Product Improvement

- Integration of password protection at turn up (optional feature)

### OptiTrak

#### New Features/Product Improvement

- Job Id's number of characters increased to 20
- Tsr files format changed into .sor

#### Problem correction

- Test algorithm improvement with better fiber end detection (“Splitter towards ONT” & “ONT towards Splitter” test types)

### Test Process Automation (TPA)

#### New Features/Product Improvement

- P5000i Inspection Probe asset management in StrataSync
- Job Manager application now available (optional feature)
- In Optimeter/StrataSync menu, Default “Upload from” field now set to “Disk”

#### Problems correction

- Synchronization of OptiTrak’s files to StrataSync via VIAVI Mobile Tech App (MTA) now working
- Files with a space in the name can now be uploaded to MTA (iOS only)
- In MTA, Optimeter’s “Disk” only is now displayed

## Previous Versions History

**Version ID : 220740**

**Release date : Feb 17, 2022**

- |                    |         |
|--------------------|---------|
| - Boot             | 10.81   |
| - Linux Kernel     | 21.8.2  |
| - File System      | 21.10.2 |
| - Instrument Setup | 22.02   |
| - Microscope       | 22.02   |
| - Fiber Optics     | 22.02   |

### OptiTrak

#### New Features/Product Improvement

- Distance unit now displayed on link view
- Addition of Standards in Pass/Fail Link alarm thresholds settings
- Addition of new diagnostic messages including corrective actions when Loss and/or ORL values fail (Contextual Help)

#### Problem correction

- New Min/Max Launch Cable distance (Min = 20m/ Max = 2000m)

**Version ID : 214750**

**Release date: November 26, 2021**

- Boot 10.80
- Linux Kernel 21.8.2
- File System 21.9.11
- Instrument Setup 21.62
- Microscope 21.62
- Fiber Optics 21.62

## Mainframe / Base Unit

### Problem corrections

- Home page text overlap in Portuguese language

## OptiTrak

### Problem corrections

- Power level results displayed now follows wavelength test setup
- 12h time format: New auto-filename convention based on 12h am/pm format.

**Version ID : 214050**

**Release date: October 8, 2021**

- Boot 10.80
- Linux Kernel 21.8.2
- File System 21.9.2
- Instrument Setup 21.50
- Microscope 21.50
- Fiber Optics 21.50

## Mainframe / Base Unit

### Improvement

- Translation updates (French and Italian)

## OptiTrak

### User Interface Changes

- New “Optimeter Connector” icon, event type and details.
- New fiber launch cable indication (2 loops) in link view.
- New “First Connector” icon, event type and details.
- Updated pop-up messages when:
  - No fiber connected to instrument
  - No fiber connected to launch cable
- Removal of G-PON/XGS-PON terminology in power measurement to be more generic

### Settings Changes

- Ability to select 0, 1 or 2 wavelengths for power measurement (was always 2)
- Addition of Link Loss & Link ORL Alarms
- Global Pass/Fail Info (include power measurement + Link mapping info) now optional

### New Features/Product Improvement

- Test algorithm improvement to support more FTTH architectures (up to 1x32 PON splitter type)
- Addition of a new mode to test any point-to-point fiber links from 20m up to 60km

## Test Process Automation (TPA)

### Improvement

- Now possible to select the directory to sync with StrataSync

### Problem correction

- Factory sync of purchase order number and date