



# GPON Tracer™

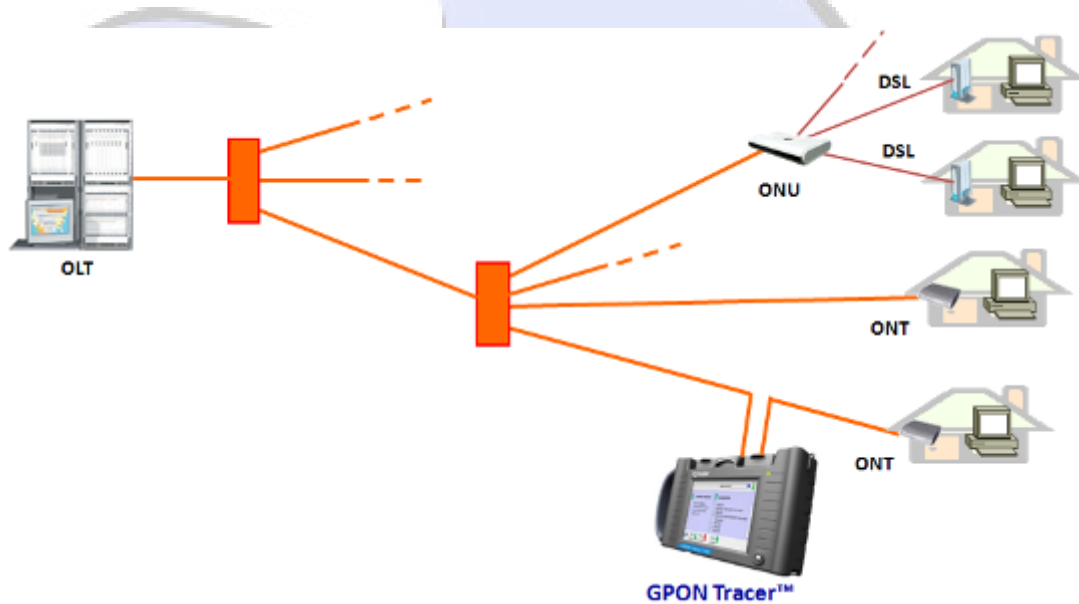
*World's First Handheld GPON Tester*

## GPON Tracer™ Overview

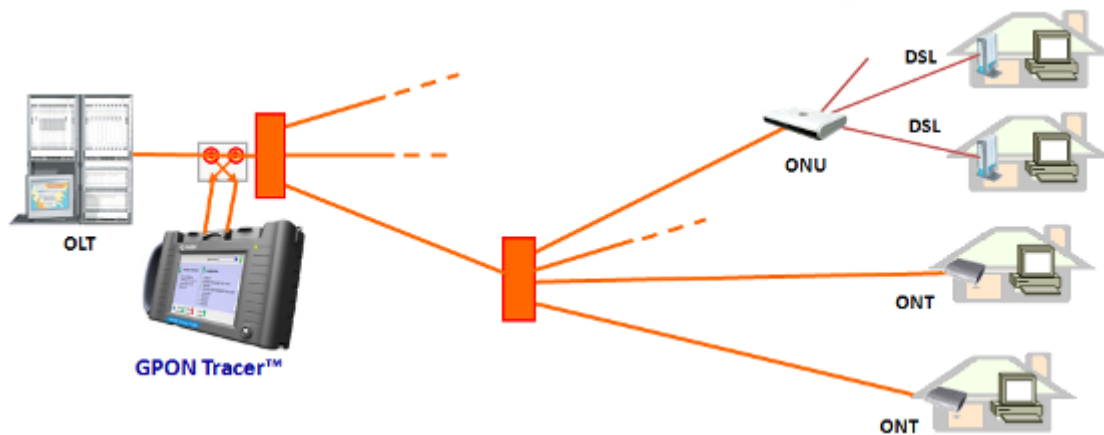
The revolutionary GPON Tracer™ is an advanced handheld tester for on-site GPON network monitoring and troubleshooting, which introduces a new concept in GPON testing

GPON Tracer™ is the ideal tool for telecom operator's field engineers involved in GPON network troubleshooting, as well as for OLT and ONU manufacturers' customer support teams. With its user-friendly touch-screen interface, GPON Tracer™ provides a rich variety of real-time indications in textual and graphical formats, including downstream and upstream data rates, optical power levels for the OLT and for every one of the ONUs in the network, link and transmission errors and service interruptions. In addition, it includes a built-in mechanism for escalation of complex issues to higher tiers, by means of recording the GPON and upper layer protocol data for extensive analysis by the GPON Xpert™ multi-layer analyzer.

## Connection Options



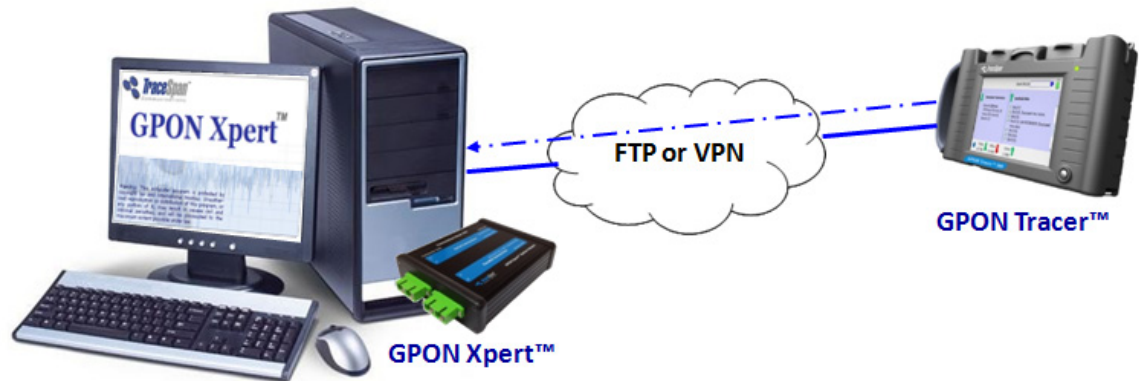
**Connection at the Customer Site (Near the ONU)**



**Connection at the CO Site (Near the OLT)**

## Data Export to GPON Xpert™

GPON Tracer™ allows escalation of complex issues to higher tiers, by recording the GPON and upper layer protocol data for extensive multi-layer analysis with GPON Xpert™.



## GPON Tracer™ User-Friendly GUI

User-friendly touch-screen interface provides a rich variety of real-time indications in textual and graphical formats, including downstream and upstream data rates, optical power levels for the OLT and for every one of the ONUs in the network, link and transmission errors and service interruptions.



## Advantages

- Compact battery-powered handheld tester
- Provides a rich variety of real-time indications
- Speeds up on-site troubleshooting
- Built-in mechanism for escalation of complex issues to higher tiers
- Modern user-friendly touch-screen interface
- Provides indications in textual and graphical formats
- Recorded data format compatible with the GPON Xpert™ multi-layer analyzer
- Quick return on investment

## Features and Benefits

<b>Features</b>	<b>Benefits</b>
Compact handheld tester	Easy to carry and use in OLT installations and customer sites
Flexible connection options	Can be connected near the ONU or near the OLT with minimal or no service interruption
Variety of real-time indications	Extensive indications for on-site troubleshooting include downstream and upstream data rates, optical power levels, link and transmission errors and service interruptions
Records the GPON and upper layer protocol data	Built-in mechanism for escalation of complex issues – extensive multi-layer analysis of recorded data using the GPON Xpert™ multi-layer analyzer
Indications in textual and graphical formats	Speeds up troubleshooting – intuitive correlation of a problem's symptoms with its root cause
Touch-screen interface	Modern user-friendly interface
Battery powered	May be used in environments with no available power outlet

## Specifications

Physical Dimensions	Height: 167 mm (6.5 in) Width: 256 mm (10 in) Depth: 54 mm (2.1 in) Weight: 1.5 kg (3.3 lb) (including batteries)
Power Consumption	20 Watts max
Battery Backup Time	4 hours of operation in typical usage scenarios
Safety Standard	CE
Certifications	FCC part 15
Operating Environment	Temperature: 0° - 40°C (32° -104°F) Humidity: 10% to 90% non-condensing

## Contact Information

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