

SECURED CONNECTIVITY. MISSION-READY NETWORKS.

EXFO

RELIABLE FIBER AND NETWORK TESTING FOR GOVERNMENT,
DEFENSE, LABS AND MISSION-CRITICAL COMMUNICATIONS



The foundation for mission success

Detect physical layer and transmission issues before they impact mission-critical operations.



Simplify testing for every skill level

Make fiber testing easy to execute, interpret and standardize—regardless of user experience.



Secure mission-critical environments

Meet strict no Wi-Fi/Bluetooth requirements with high reliability for secure networks.



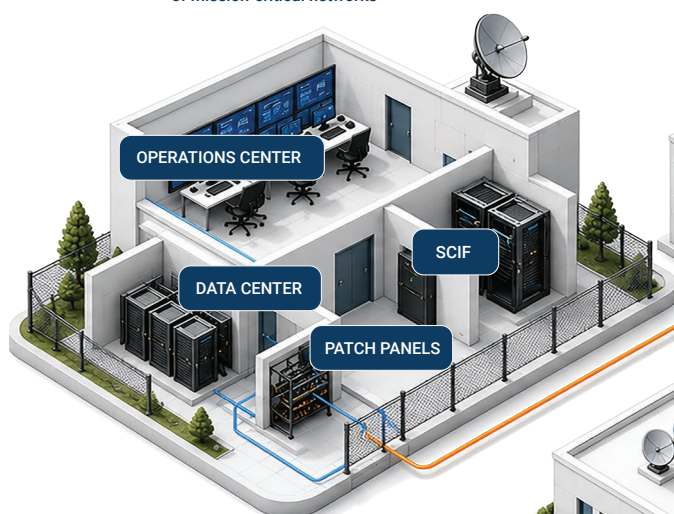
From lab to deployment

Validate optical components and photonic integrated circuits (PIC) across the network lifecycle.

FROM LAB VALIDATION TO FIELD OPERATIONS

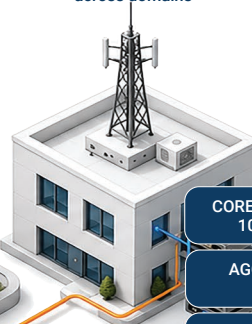
BASE AND FACILITY INFRASTRUCTURE

Build and maintain the foundation of mission-critical networks



MISSION NETWORKS AND TRANSPORT

Deliver high-performance connectivity across domains



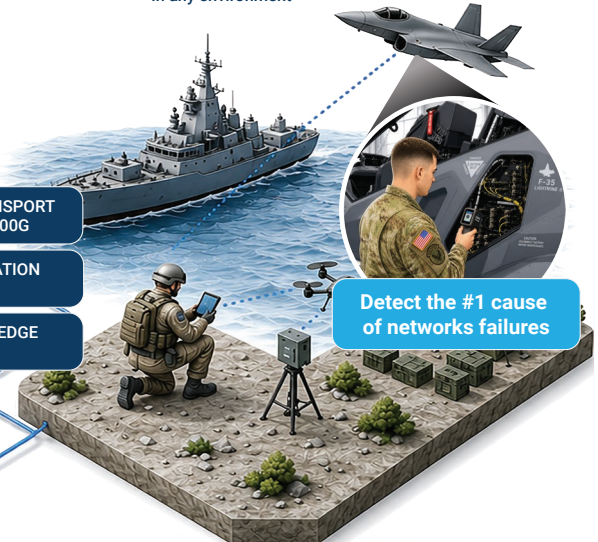
CORE/TRANSPORT
100G - 400G

AGGREGATION
10G

ACCESS/EDGE
1G

DEPLOYED AND TACTICAL OPERATIONS

Enable reliable communications in any environment



GOVERNMENT LABS

Test and validate emerging technologies



- Fiber infrastructure**
Single-mode/Multi-mode
- Network connectivity**
Ethernet/Optical transport
- Wireless/RF links**
Tactical/backup



INSPECT

Identify dirty or damaged connectors



VALIDATE

Validate optical components and transport services



CERTIFY

Certify fiber links and network readiness. (SCAT code 4960)



TROUBLESHOOT

Detect and locate network faults



MONITOR

(Layer-1 cybersecurity)
Maintain network health visibility

INSPECT. VALIDATE. TROUBLESHOOT. MONITOR.



MODULAR PLATFORMS



FTB Series

Field portable platforms
(Up to 4 slots)



LTB Series

Lab/secure facility
rackmount platforms



INSPECTION



Fiber inspection | FIP-500

- Fully automated from insertion to data saving.
- Wide array of adapter tips for simplex, duplex and multi-fiber (up to 24 fibers) connectors.
- Screen ergonomically angled for testing hard-to-reach places.



MODULES



Optical loss test (Simplex/Duplex OLTS) | FTBx-945

- Bidirectional Tier-1 certification
- 100% automated loss and length certification
- Certify two fibers at two wavelengths, in under 3 seconds



Optical time-domain reflectometer (OTDR) | FTBx-720D

- Icon-based view simplifying OTDR trace interpretation
- Optimized display of test results (single-screen summary)
- Swap-Out connector, replaceable in the field whenever necessary



1G to 800G Ethernet test | FTBx-88xxx Series

- Dual-port from 1G to 800G
- Support of digital coherent optics
- Built-in transceiver diagnostics: auto-negotiation, link training, breakout validation



TEST KITS



RF Spectrum Analyzer | 5GPro Spectrum

- Fully automated RF spectrum analysis over CPRI (iORF) to identify issues like RF interference and PIM
- FR1 (450 MHz – 6 GHz)
- FR2 (24.25 GHz – 40 GHz)



Optical loss test (DUPLEX/MPO OLTS) | PXM/LXM

- Duplex and multi-fiber (up to 24 native) testing at 2 wavelengths in just 1 second
- Polarity type, insertion loss and live length measurements



Explore our complete portfolio >

EXFO