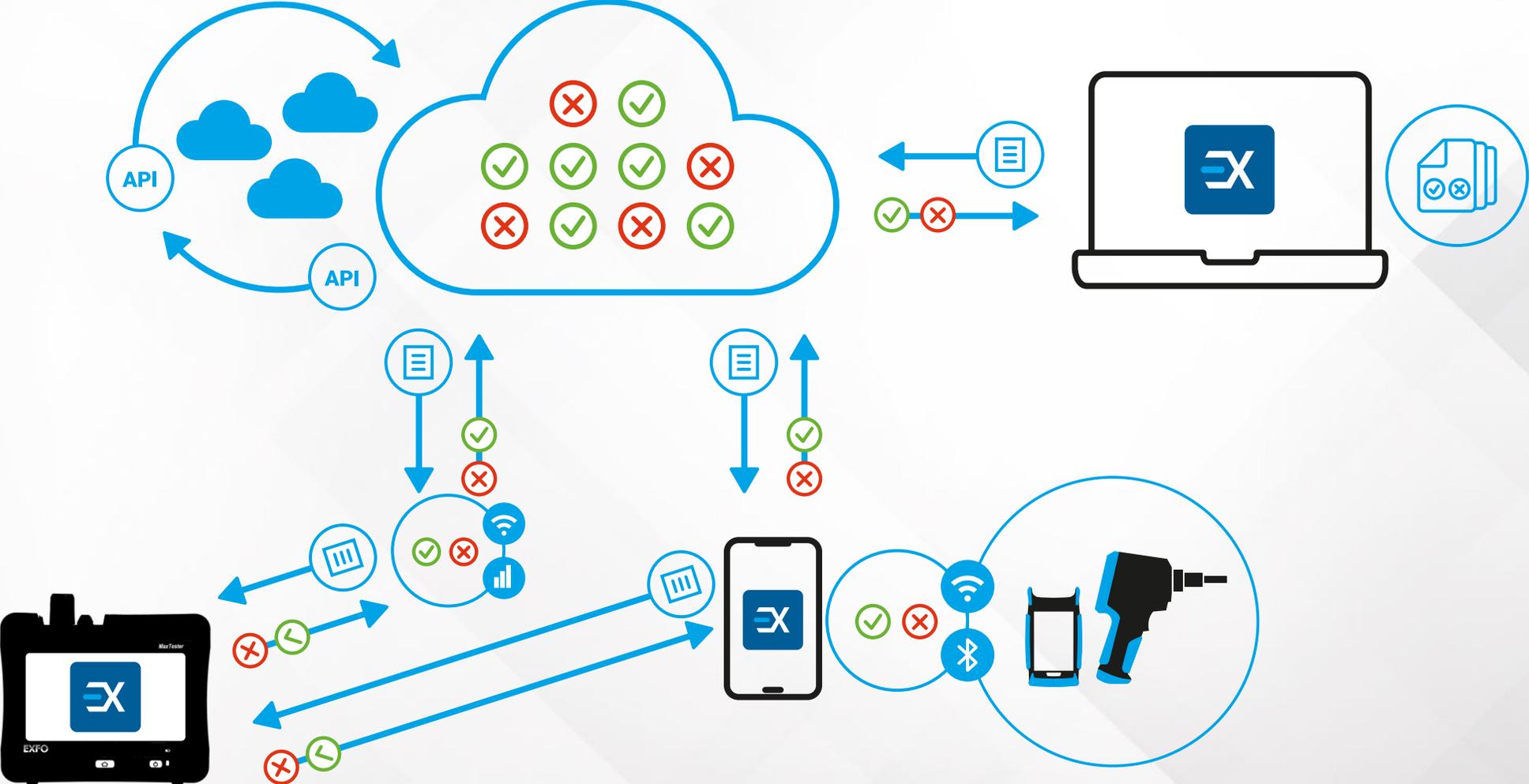


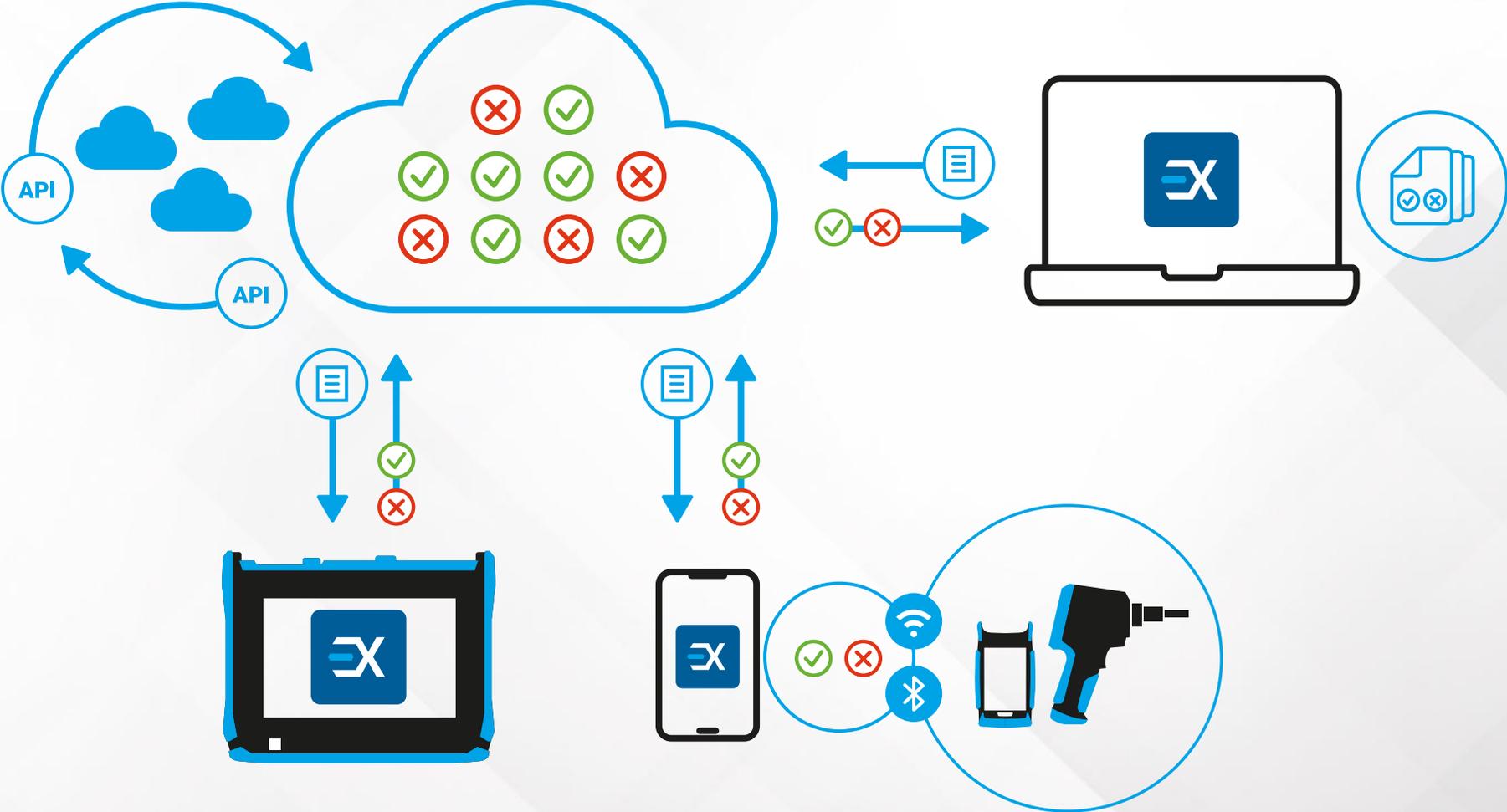
EXFO EXCHANGE & FTB-Lite

Miloš Padevět - AKADEMIE VLÁKNOVÉ OPTIKY A OPTICKÝCH KOMUNIKACÍ[®]

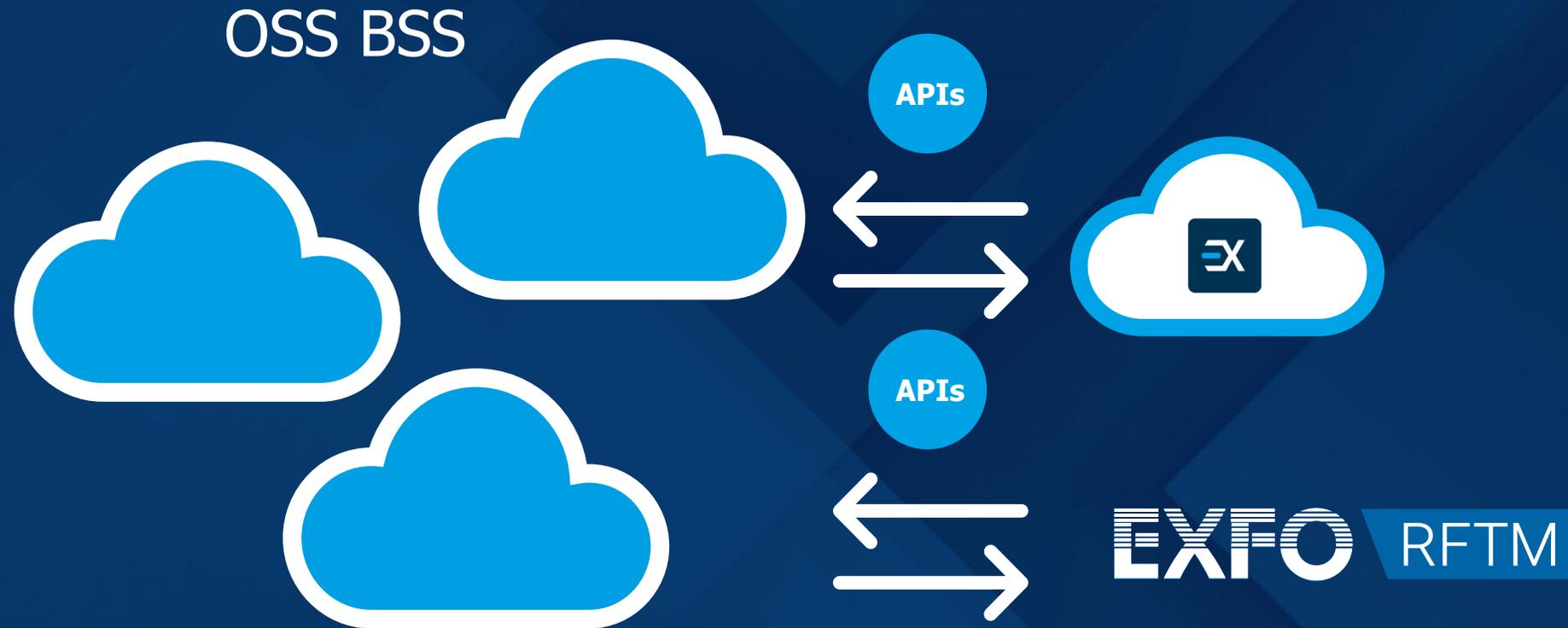
EXFO EXCHNAGE - success story



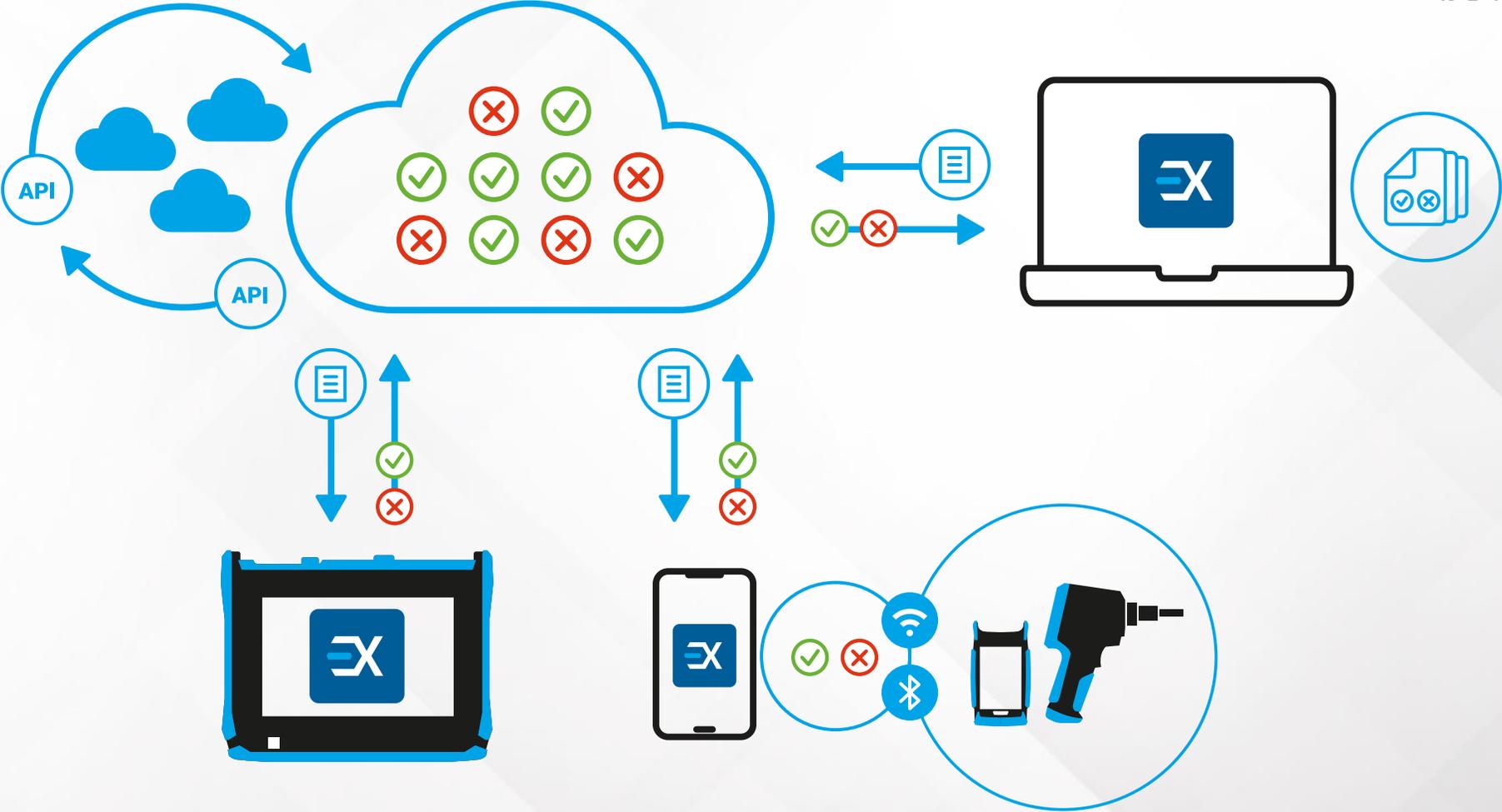
EXFO EXCHNAGE



EXCHANGE & RFTM



EXFO EXCHNAGE



FTB-Lite



Always-on konektivita:

- 1 **Automatizovaná kontrola dodržování technického předpisu:** dynamické sledování „Jobs“ a reporting v reálném čase.
- 2 **Spolupráce na vyšší úrovni:** Okamžité sdílení naměřených dat přes cloudové úložiště.
- 3 **Náprava chyb ještě na SITE:** Automatizované vyhodnocení naměřených dat.



Free 36-month data plan

Leverage cellular/mobile connectivity for real-time job and result sharing.



Connectivity

Seamless integration with EXFO Exchange trusted cloud-hosted solution.



Large touchscreen

8-inch (20 cm) screen for use in bright sunlight or any other environment.



Optical link mapper (OLM)

Automatic analysis of multiple wavelengths with a consolidated icon-based link view.



Optional essentials

High power or regular visual fault locator (VFL) and power meter.



Dedicated support and services

Renowned and highly responsive customer care.



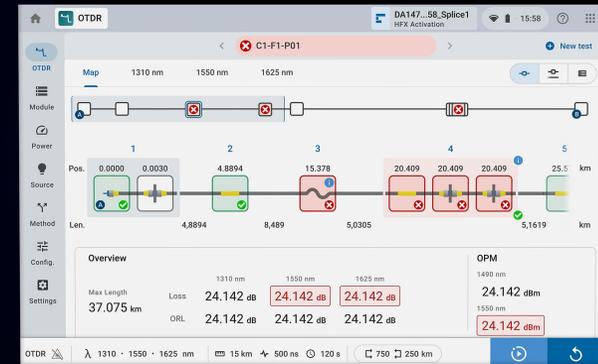
EXFO's proven robustness

Portable unit designed and manufactured by the OTDR market leader.



All-day battery autonomy

USB-C charging LiFePO4 battery (>2500 cycles) with up to 10 hours of autonomy.





EXFO

OTDR HFX Activation Acme Inc. 15:58

OTDR_1 New test

Map 1310 nm 1550 nm 1625 nm

Module A B

Power

Source

Method

Config.

Settings

Pos.	1	2	3	4	5
0.0000	0.0030	4.8894	15.378	20.409	25.5 km
Len.	4,8894	8,489	5,0305	5,1619	km

Overview

	1310 nm	1550 nm	1625 nm
Max Length	37.075 km		
Loss	24.142 dB	24.142 dB	24.142 dB
ORL	24.142 dB	24.142 dB	24.142 dB

OPM

1490 nm	24.142 dBm
1550 nm	24.142 dBm

OTDR λ 1310 · 1550 · 1625 nm 15 km 500 ns 120 s 750 250 km

FTB

EXFO EXCHNAGE



Přímá metoda & OTDR

Miloš Padevět - AKADEMIE VLÁKNOVÉ OPTIKY A OPTICKÝCH KOMUNIKACÍ[®]

Portfolio OTDR



Portfolio OLTS



DCI AND METRO/CORE

The solution to lead with !



Max-945
Simplex



FTBx-945
Simplex



FTB LITE 975-DF
Simplex and duplex and multifiber
Base-8/12/16/24

OLTS bidir

OLTS bidir & OTDR

MAX-945



Simplex



Duplex



MAX-945 & LXM-PXM



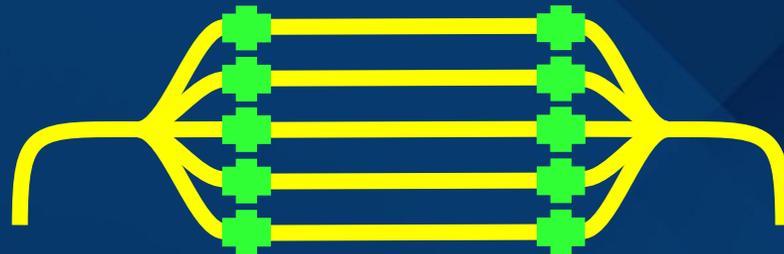
Simplex



Duplex



Multi-Fiber



FTB Lite 975



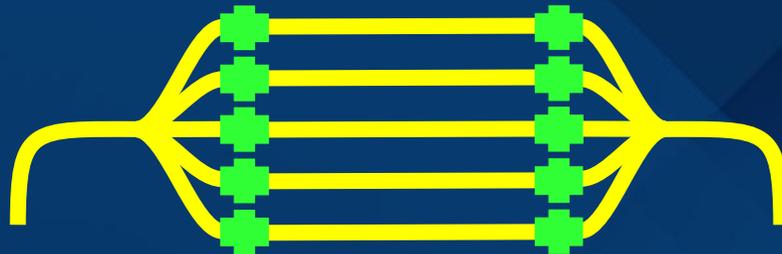
Simplex



Duplex



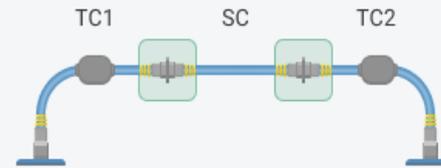
Multi-Fiber



EXFO

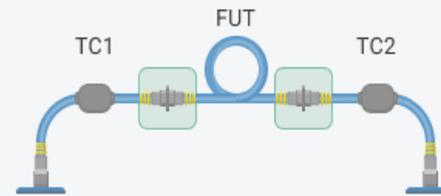
Match the polarity and gender

Ensure the best compatibility with the referencing method and the fibers under test (FUT). A substitution cord (SC) with the same polarity and gender as the FUT is used.



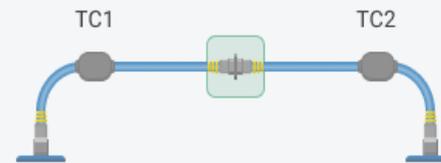
Distant test units

When the test units are too far away to connect the test cords, a fiber under test (FUT) acting as a substitution cord can be used. The total length of the FUT, including the test cords, can measure up to 10 km. For subsequent OLTS measurements, the FUT may be longer.



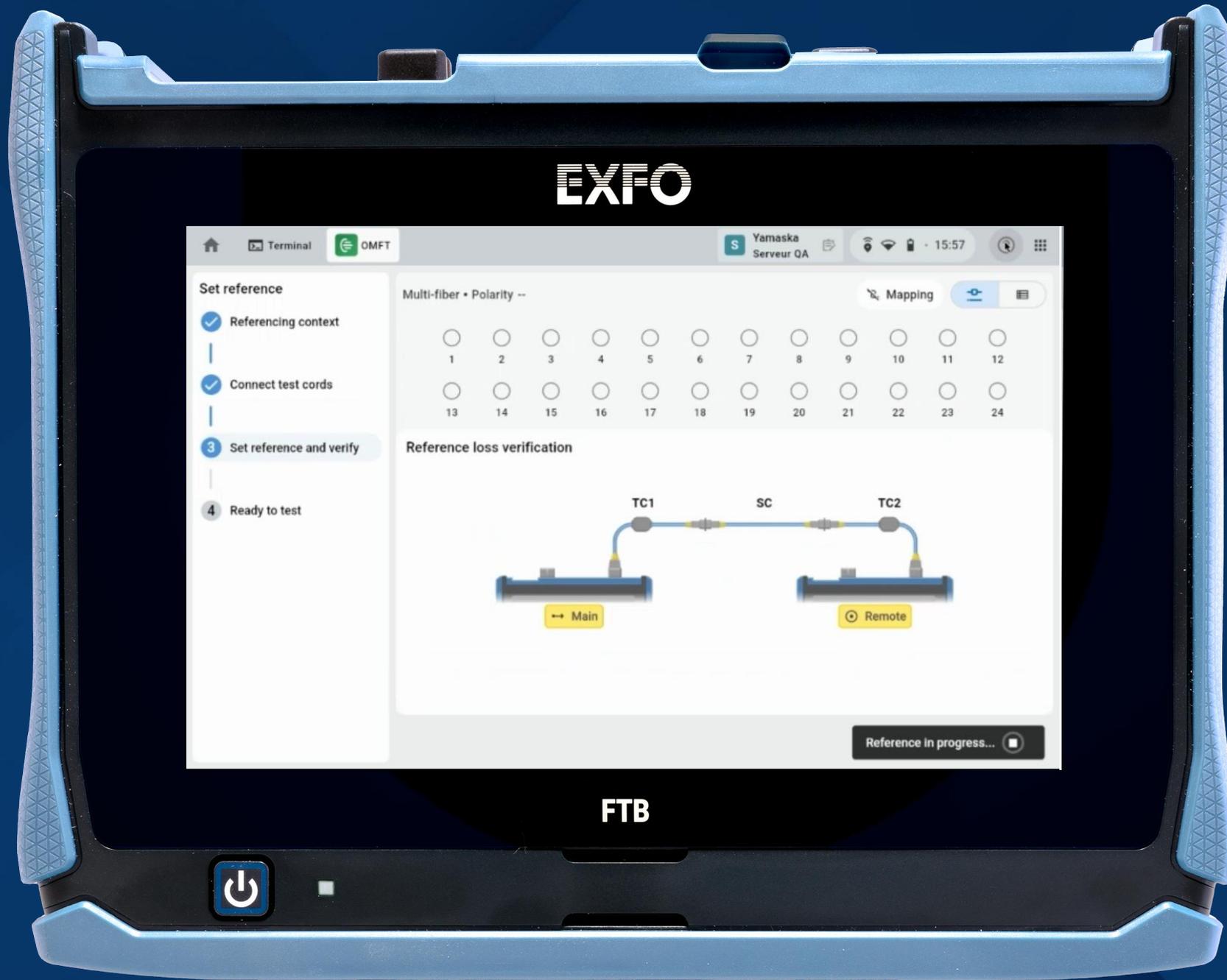
Testing polarity A, male to female

When the fiber under test has polarity A, and the connector genders and ferrule interfaces are suitable for mating.



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EXFO

OMFT
HFX Activation
Acme Inc.
15:58

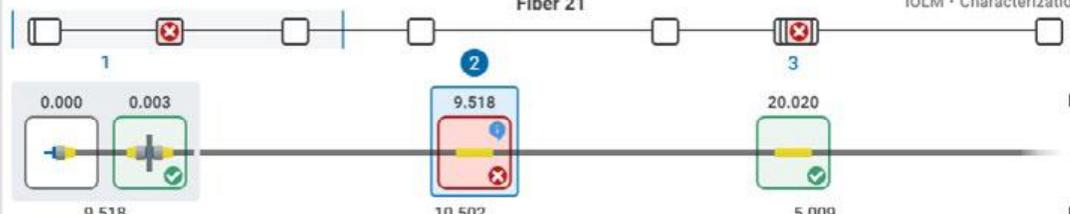
< Cable 1 >
+ New test

Link length **37.075 km**
Polarity **B** (Flip|Trunk|Jumper)

Multi-fiber Mapping

✓	✓	✓	✗	✗	✓	✓	✗	✓	✓	✓	✓
1 13	2 14	3 15	4 16	5 17	6 18	7 19	8 20	9 21	10 22	11 23	12 24
✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
13 1	14 2	15 3	16 4	17 5	18 6	19 7	20 8	21 9	22 10	23 11	24 12

Fiber 21 iOLM · Characterization



Type	Position (km)	Loss (dB)			Ref. (dB)				Att. (dB)
		1310 nm	1550 nm	1625 nm	1310 nm	1310 nm	1310 nm	1550 nm	
2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

⚠ OLTS + iOLM · Bidirectional · Base-24
λ 1310 · 1550 nm
↔ Main · Expected polarity B
↻ ▶

FTB



FTB Lite 975



FASTEST



24 fibers in 6 seconds at 2 wavelengths:

- bidirectional **IL**
- **ORL**
- **polarity** check
- fiber **length** measurements

One-step referencing

Touchless operation (auto start on continuity)

Touchless troubleshooting

Touchless data transfer

Touchless reporting



Děkujeme za pozornost

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