

FOCIS2Go

Quick Reference Guide

June-2016



FOCIS2Go Overview

- FOCIS2Go enables users to generate OTDR & OLTS reports including FOCIS Flex & FOCIS WiFi connector inspection images and results
- Why Use FOCIS2Go?
 - FOCIS Flex, FOCIS WiFi & AFL's OTDRs don't always store results w/ same file names
 - To include inspection images with OTDR and/or OLTS results, inspection results must be named similar to OTDR / OLTS results and stored in same folder
- What does FOCIS2Go do?
 - Allows user to copy FOCIS Flex or FOCIS WiFi files, batch renaming them to closely match OTDR/OLTS file names, enabling TRM Report Wizard to associate inspection results with OTDR/OLTS results



When Is FOCIS2Go Required?

- When will user need to rename files using FOCIS2Go?

Report Generation Application	FOCIS2Go Required?
Inspection only report; Inspection results uploaded from FOCIS Flex, FOCIS WiFi, FlexScan, FLX380, OFL280 or M&C-series OTDR	Not required
Report includes FOCIS Flex inspection results plus FlexScan, FLX380, or OFL280 OTDR/OLTS results (files named compatibly)	Not required
Report includes FOCIS Flex inspection results w/ FlexScan, FLX380, or OFL280 OTDR/OLTS results (files not named compatibly)	Required
Report includes FOCIS Flex inspection results w/ M&C-series OTDR/OLTS results	Required
Report includes FOCIS WiFi inspection results w/ FlexScan, FLX380, OFL280 or M&C-series OTDR/OLTS results	Required
Report includes DFS1 inspection images stored with M&C-series OTDR/OLTS results	Not required

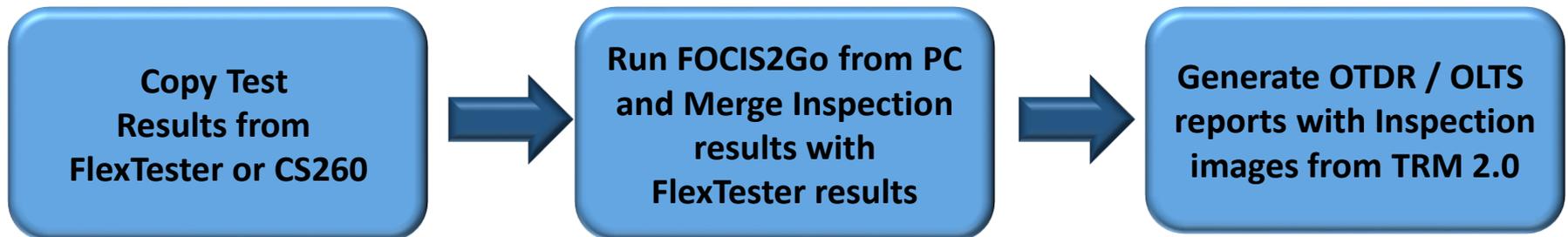
Inspection Integration w/ M&C-Series Results

- Copy Test Results from M&C-Series OTDR to the PC
 - It creates Test Results in Job/Route/Cable format
 - (e.g. Job1/Loc1_Loc2/Cbl1/Loc1-Loc2-Cbl1_001_S13.sor)
- Run FOCIS2Go from the PC to merge Inspection images
 - User must select fiber end images to be integrated in OTDR report
- Generate OTDR reports with desired Inspection, OLTS or OTDR template



Inspection Integration w/ FlexTester Results

- Copy Results from FlexTester (FLX380 or OFL280) or CS260 OTDR to PC
 - It creates Test Results in End1-End2-Cable folder format
 - (E.g. End1-End2-Cable / End1-End2-Cable_001_S13.sor)
- Run FOCIS2Go from the PC to merge Inspection images
 - User must select fiber end images to be integrated in OTDR report
 - If FOCIS Flex images were stored in FlexTester with appropriate naming and uploaded with OTDR/OLTS results, there is no need to rename using FOCIS2Go
 - If FOCIS Flex images were stored in FOCIS Flex with appropriate End1-End2-Cable naming, there is no need to rename using FOCIS2Go.
- Generate OTDR reports with desired inspection, OLTS or OTDR template



Inspection Integration w/ OFL250/OFL280 results

- Import OTDR Test Results from non-FlexTester OFL (OFL250 & OFL280) OTDR to PC using “Import OFL Results” from TRM[®] 2.0.
 - It creates results from a simple folder format to Job/Route/Cable format
 - (E.g. Folder/Cable001_001_S13.sor → Job1/Loc1_Loc2/Cbl1/Loc1-Loc2-Cbl1_001_S13.sor)
- Run FOCIS2Go from the PC to merge Inspection images
 - User must select fiber end images to be integrated in OTDR report
- Generate OTDR reports with desired inspection, OLTS or OTDR template



Import FOCIS WiFi Images to a PC

- To transfer files from FOCIS WiFi mobile device to a PC:
- If mobile device supports USB transfers:
 - Connect PC to mobile device via PC and view mobile device folders from PC
 - Drag inspection results (or folder of results) from mobile device to PC
- Alternative: Email images to account where you can retrieve on PC
- Alternative: Share images to cloud where you can retrieve from PC

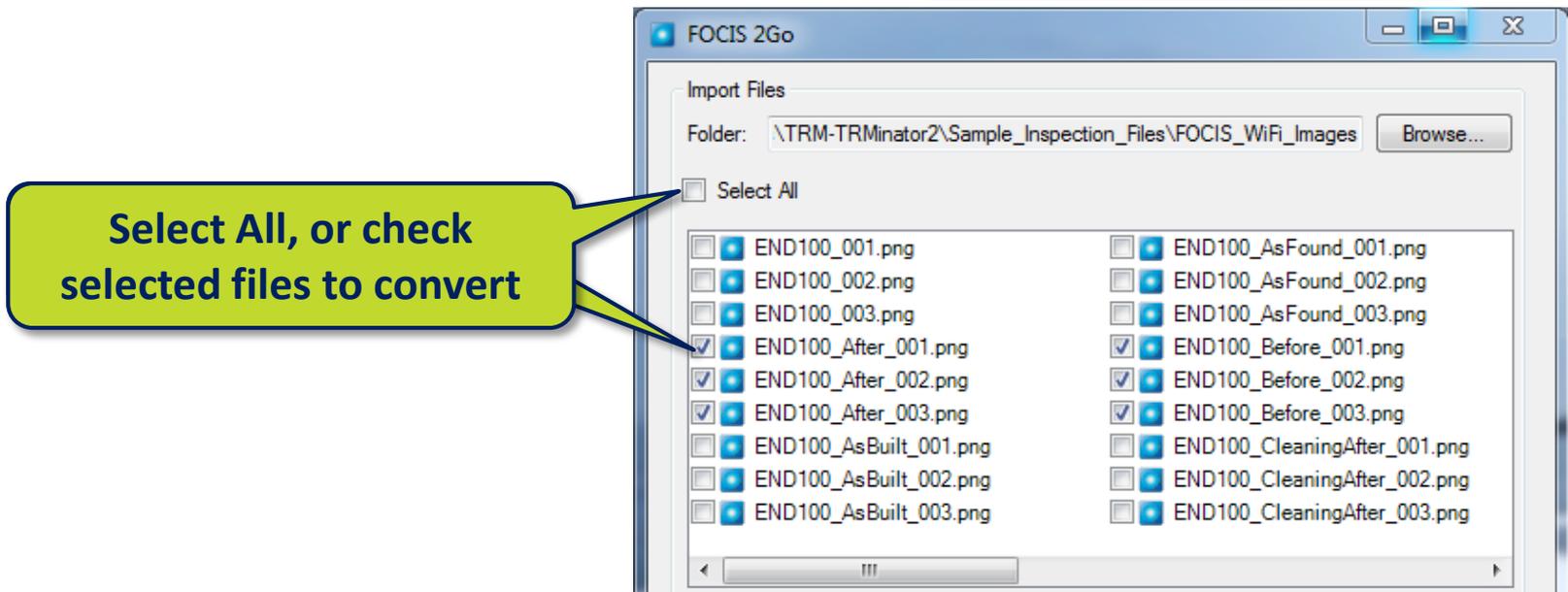
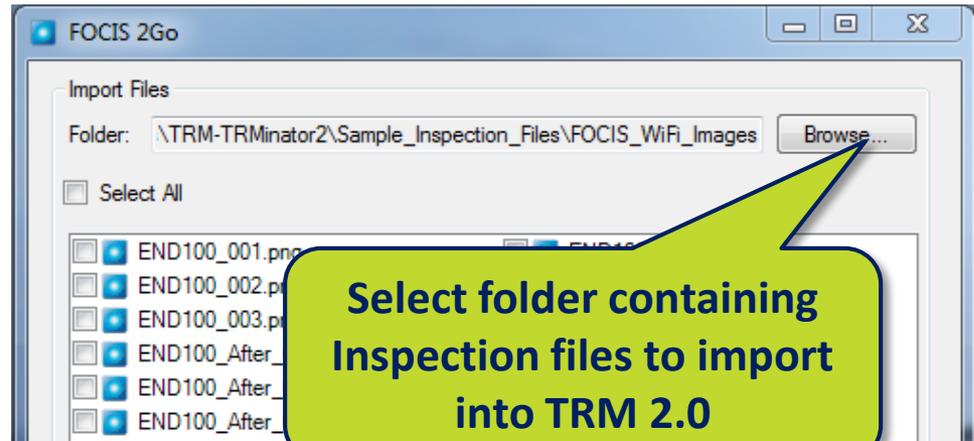


Install FOCIS2Go on Your PC

- Download from AFL Website and install:
 - From your browser, select www.AFLglobal.com
 - Select Resources, then select Software
 - Scroll down the page to find FOCIS2Go and [click to download](#)
 - Fill in the registration form, Register, then scroll down the page and click on [FOCIS2Go \[EXE\]](#)
 - Save the .zip file to your PC, unzip it and extract contents
 - Double-click on extracted setup.exe and follow prompts to install FOCIS2Go
- Install from TRM CD or USB memory stick
 - Insert TRM CD or USB memory stick in your PC
 - View CD or USB memory stick contents and open FOCIS2Go folder
 - Double-click on setup.exe and follow prompts to install FOCIS2Go
- Note: See FOCIS2Go chapter in TRM User's Guide included with TRM 2.0

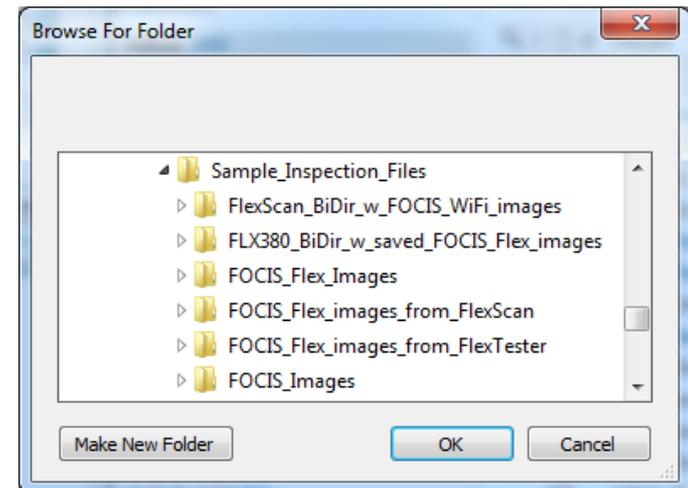
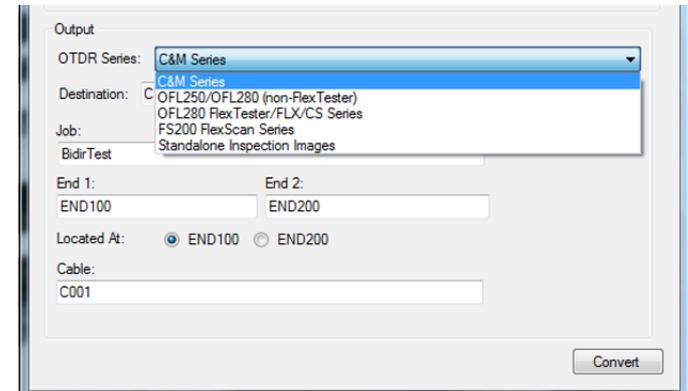
FOCIS2Go: Set Import Options

- Select source folder
- Select inspection results to convert from selected folder



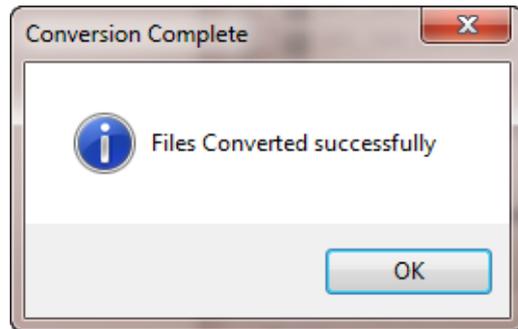
FOCIS2Go: Select Output Options

- Set Output Options
 - Select OTDR Series (if merging w/ OTDR/OLTS results)
 - C&M Series (M210, M310, M710, C840, C850)
 - OFL250/OFL280 (non-FlexTester)
 - OFL280 FlexTester (includes FLX380, CS260)
 - FS200 FlexScan series
 - Standalone Inspection Images
 - Select your Output Destination
 - Using the browse button, select the path to your uploaded OTDR/OLTS results folder.
 - Set Job, End1, End2 and Cable to match job, end and cable names from uploaded OTDR/OLTS results
 - Select the “Located At” to the end from which inspection was performed
 - Press the Convert button



FOCIS2Go: Conversion

Once conversion is complete, create reports using TRM® 2.0 with any Inspection, OTDR or OLTS template.



FOCIS Image Integration

Customer Logo

BidirTest
Report Prepared: 06-Jun-2016 14:04

Cable ID : C001 End 1 : END100 End 2 : END200

Fiber Num : 1	OTDR Located At : END100	Model : FS200-100	Serial # : 2031UV140504
Port : Singlemode	OTDR Setup : Expert	Serial # :	Software Ver : 1.0.0b010
Fiber Type :	GIR : -79.6 dB	Test Date :	10/17/2015
Launch Cable : None (0m)	Backscatter Coef : End Threshold : 3 dB	Test Time :	11:55:48 AM
Tail Cable :	Loss Threshold : 0.05 dB	Inspection Connector Type :	
Cursor A : -61.2 m	Ref Threshold : -65 dB		
Cursor B : -61.2 m	Range : 2,392.9 m		
B-A Distance : 0.00 m	Pulsewidth : 25 ns		
B-A Loss : 0.00 dB	Averages : 20000		
B-A Loss/km : 0.00 dB/km			

Comment :

OTDR Results

END100-END200-C001_001_S13

Wavelength : 1310 nm

#	Location (Meters)	Type	Ref. (dB)	Loss (dB)	Atten. (dB/km)
1	0.08	↔	-87.89	0.443	--
2	149.60	↘	-88.22	0.524	--
3	607.25	↘	--	0.000	6.563
4	760.40	↘	--	0.185	0.418
5	914.31	↘	--	0.000	0.877
6	1064.07	↘	-44.06	0.415	--
7	1623.14	↘	--	0.000	0.284
8	1672.77	↘	> -16.01	--	0.301

# Events	Link Loss	Link ORL	Link Length	Link Atten
8	1.54 dB	< 17.61 dB	1,672.7 m	0,993 dB/km

Event Map

End 1 END100 0.00 Link Length : 1,672.7 Meters End 2 END200 1672.68

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Section III

FOCIS2Go Summary

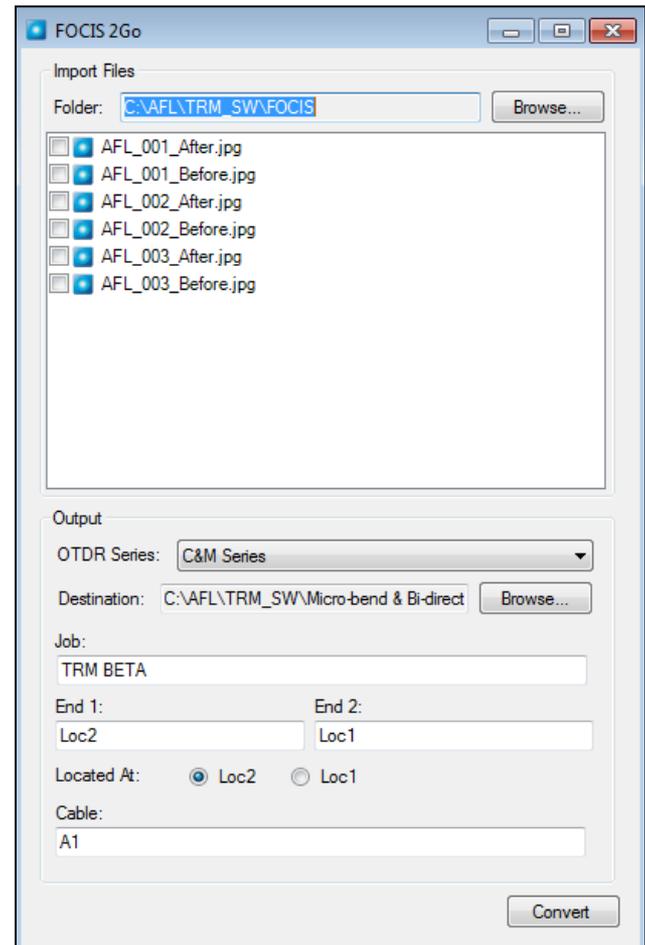


FOCIS2Go Availability and Pricing

- FOCIS2Go is free software allowing users to import inspection images into TRM 2.0 OTDR reports.
- FOCIS2Go can be downloaded from website or installed from TRM CD or USB memory stick
- FOCIS2Go software is available for free download from:
<http://www.aflglobal.com/Products/Test-and-Inspection/Software>

FOCIS2Go Summary

- For **Telco/Broadband and PNG fiber optic installation & maintenance crews** qualifying new fiber optic network installations or locating and repairing faults in deployed networks...
- ...Who need to analyze **OTDR and Inspection result measurement reports** on newly installed optical network or locate faults in previously deployed cables and provide printed reports to customers for billing purposes...
- ...FOCIS2Go with TRM[®] 2.0 provides **powerful Inspection analysis, viewer and reporting tool** for fiber testing.
- High-resolution FOCIS images with TRM[®] 2.0 reports offers best-in-class **OTDR, OLTS and Inspection** analysis, correlation of measurement results, and customized reports useful to baseline for future performance validation and comparison.



Contact Information

Product Manager

Michael Scholten
(978) 455-9213

Michael.Scholten@AFLglobal.com

AFL / Noyes – Technical Support

Mark Tatham
(603) 528-7780 x145

Mark.Tatham@AFLglobal.com

Dean Murray
(603) 528-7780 x179

Dean.Murray@AFLglobal.com

Website: <http://www.aflglobal.com/Products/Test-and-Inspection/Software>

Thank You!



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