

Import smartOTDR fiber profiles to ONX + smartOTDR Power Meter

Flow for importing smartOTDR fo_cfg profiles

1. Copy the smartOTDR profiles to USB using Mobile Tech or Smart Access anywhere
2. Attach the USB stick to ONX
3. Copy to internal the smartOTDR profiles (*.fo_cfg) files that you want to import
4. The newly imported fo_cfg should be available in the OneCheck Fiber Profile Editor and when running an OneCheck Fiber profile that contains a SmartOTDR test
5. When sync to Stratasync the smartOTDR profiles that are on the ONX will be uploaded to Stratasync (from where they can be deployed to other ONX)

The following limitations need to be included in the release notes (see

[ONXBASE-430](#) - OneCheck Fiber - SmartOTDR - Support various sw versions **RESOLVED**)

[Jimmy Perdue](#) , [Clint Moats](#) [Tom Renken](#) [Al Ruth](#) : we want to make sure that this is added to the release notes

[Import smartOTDR fiber profiles to ONX + smartOTDR Power Meter](#) , [Import smartOTDR fiber profiles to ONX + smartOTDR Power Meter](#): you might want to add these limitations to the release notes

[Import smartOTDR fiber profiles to ONX + smartOTDR Power Meter](#): please correct or update these limitations if necessary

- The USB stick should be FAT32 format in order to be used with the ONX
- Copy to internal should be used on fo_cfg files, not on folders that contain those files (if a folder contains only fo_cfg files and the folder is selected and copied to internal, the profiles will not be deployed on the right location)
- Supported versions of smartOTDR SL:
 - for the OTDR test:
 - <18.70 will not generate the OTDR tests
 - >= 18.70 will support OTDR CDM report
 - for the PowerMeter test:
 - only 18.70 or newer versions are supported (18.70 is the first SW that supports the GPon PowerMeter SCPI commands)
- The smartOTDR profiles (fo_cfg) files that are supported by the ONX:
 - The naming of the generated SmartOTDR reports will be [Fiber_Id]_[Fiber_Num]
 - The values are always in Metric
 - Ask for automatic recording is always enabled
 - The directory for the saved SmartOTDR reports will always be disk/ONX/
 - Job terminology on the smartOTDR is always "Job"
 - The JSON report from SmartOTDR is always generated
 - Multitrace not always disabled

Flow for triggering the SmartOTDR software upgrade from OneCheck Fiber:

- visit <https://smartotdr.updatemyunit.net/> and download the latest stable firmware
- insert a USB stick and then execute the .exe file downloaded previously from the Windows PC and select as target the USB stick
- eject the USB stick from the Windows PC
- start the OneCheck Fiber application under Fiber section
- select the SmartOTDR Software Upgrade from the Tray and follow the instructions
- insert the USB stick into the SmartOTDR when the popup will ask for this action
- user will be notified that the software upgrade is in progress and the application on ONX side will be stopped
- the user has to wait up to 10 minutes until two beep sounds are heard from the SmartOTDR after the upgrade is performed

[Jimmy Perdue Justin Nagle](#) you can check this feature starting from [Rhea.Dot.23](#) build.