NetPeppers Service-Bulletin

Firmware Update Optical Fusion Splicer CFS-100

Version: 1.0
Date: 03.11.2022

This procedure describes how to update the NetPeppers CFS-100 to the latest firmware version.

Required devices:
1. Windows-PC
2. Micro-USB cable (included)

Time required: approx. 5 min.

Guide:

1. **Download the latest firmware for your OTDR 1000 to your PC from the NetPeppers website:** https://www.netpeppers.com/en/produkte/test-analyse/glasfasertest/netpeppers-fusion-splicer-cfs-100

2. **Check the version number of yours CFS-100**
   a. Start the CFS-100 device and wait for the start screen with the NetPeppers logo to appear. Read the firmware version of your splicer there. Your device is eligible for the update if the version number is at least 3.69.
   CAUTION: DO NOT PERFORM THE UPDATE IF THE DEVICE DOES NOT HAVE AT LEAST VERSION NUMBER 3.69!!!
   b. Return to the main menu.

3. **Prepare the firmware update**
   a. Connect the device to any Windows PC using the supplied micro-USB cable. The device is now connected as a drive. The display shows "Computer connected to USB" and the splicer opens as a folder in Windows Explorer.

   b. Copy the "V369_221102A_Firmware.bin" file from the installation folder to the "update" folder of the device.
   c. Disconnect the USB.

4. **Perform the update.**
   a. **Make sure that the device is at least 50% charged and that the power supply is connected**.
   b. Select the "Machine Settings" tab from the main menu.

c. Look for the menu item "Update".

d. Select "Execute" at the bottom right.
e. Select "Firmware" in the selection field with "Firmware, LOGO, FPGA, Bootloader".
f. Select “Execute”.
g. Now select the update package "V369_221102A_Firmware.bin".
h. Wait for the process to complete. **Do not turn off the device!!** It switches off after the update. The new firmware is now installed and the device can be started.