



Firmware Update of N1700 Modules

Use N1700.dll version 1.02-1-5 or newer
Use MillimarN1700.exe version 1.02-0-0 or newer

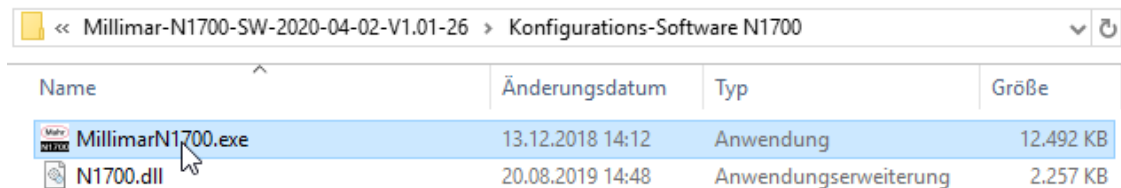
2022-04-19

1 Updating the N 1700 Modules

1. Download the Millimar N 1700 documentation from the download section of N1700 modules:

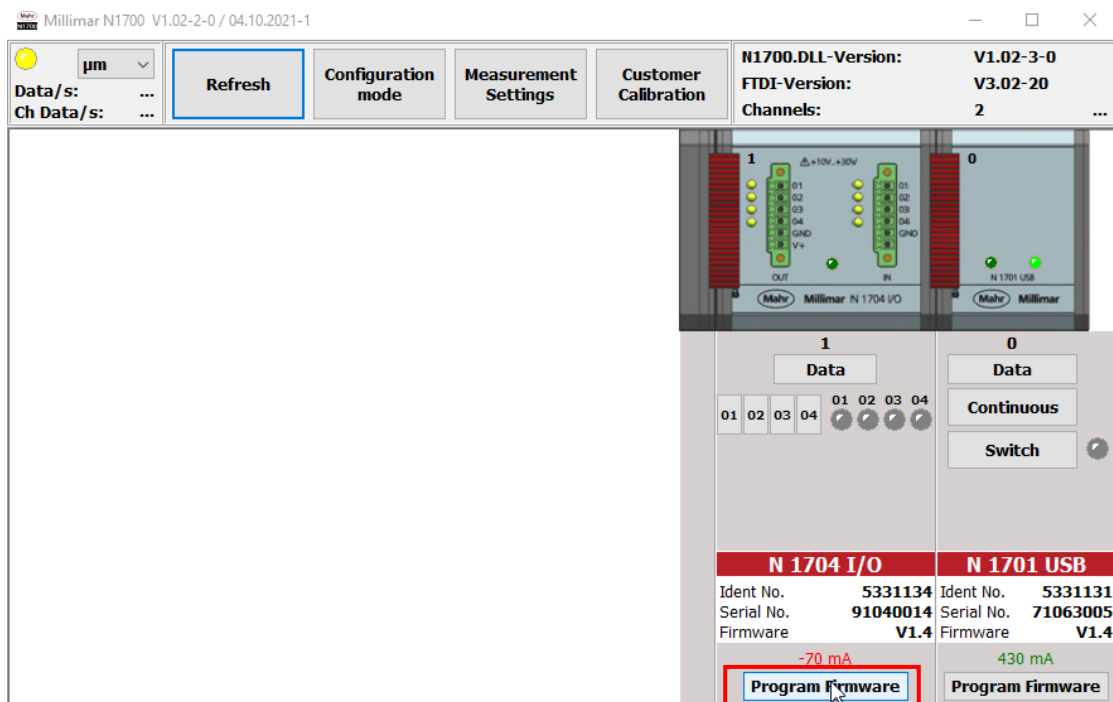
<https://metrology.mahr.com/de/produkte/artikel/5331130-usb-anschlussmodul-millimar-n-1701-usb>

2. Unpack the .zip-file into a local folder path.
3. Start the configurations program “MillimarN1700.exe” below the following folder path

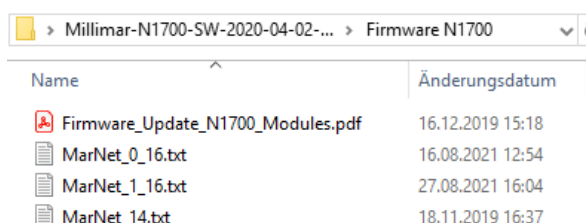


| Name | Änderungsdatum | Typ | Größe |
|-------------------|------------------|-----------------------|-----------|
| MillimarN1700.exe | 13.12.2018 14:12 | Anwendung | 12.492 KB |
| N1700.dll | 20.08.2019 14:48 | Anwendungserweiterung | 2.257 KB |

4. For updating the firmware of an N 1700 module, please click on the button “Program Firmware” on the bottom of the window.

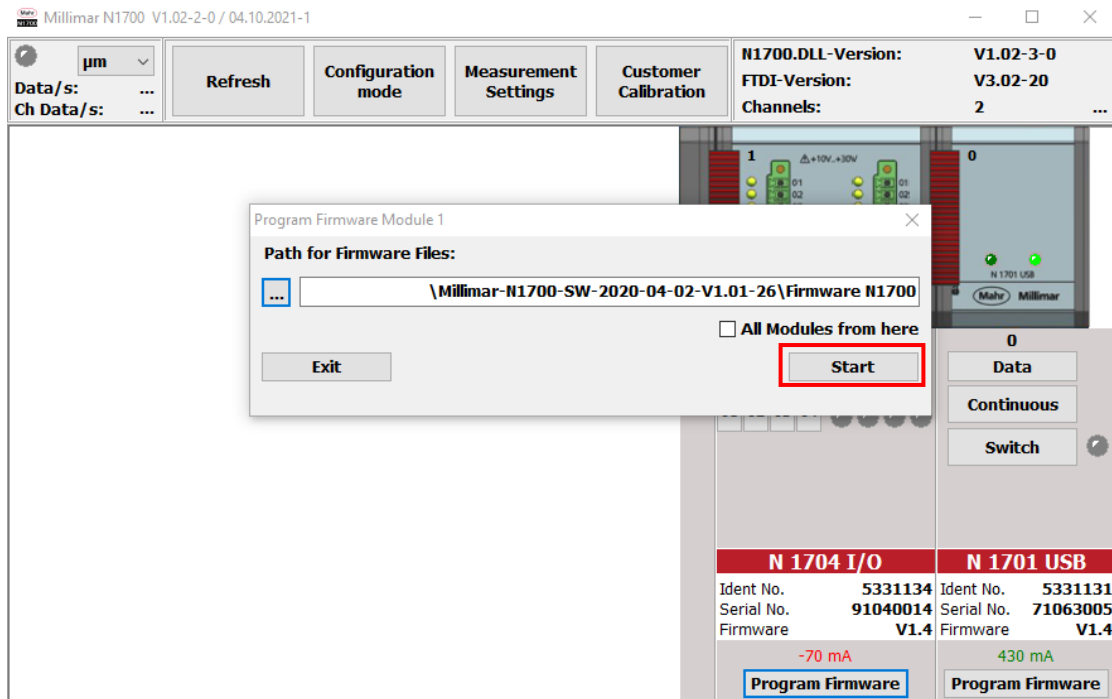


5. Choose the folder from the directory you recently downloaded and click on the button “Start” to initiate the updating process. This folder contains several firmware files that to software will use for updating (for example MarNet_0_16, MarNet_1_16).

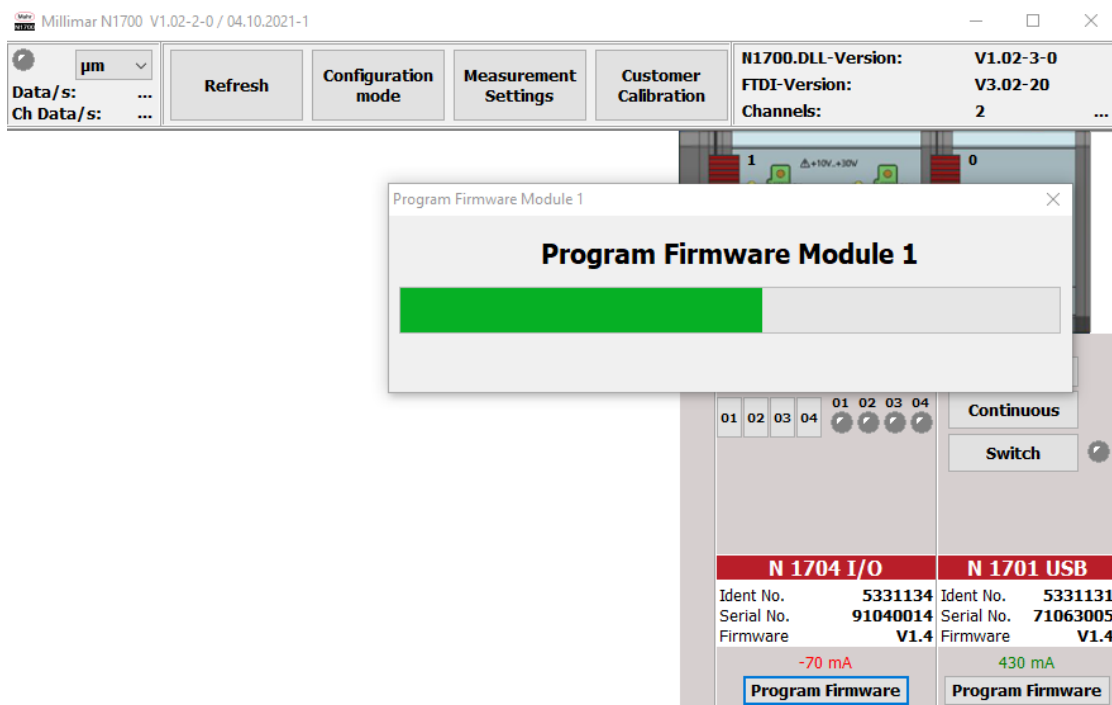


| Name | Änderungsdatum |
|-----------------------------------|------------------|
| Firmware_Update_N1700_Modules.pdf | 16.12.2019 15:18 |
| MarNet_0_16.txt | 16.08.2021 12:54 |
| MarNet_1_16.txt | 27.08.2021 16:04 |
| MarNet_14.txt | 18.11.2019 16:37 |

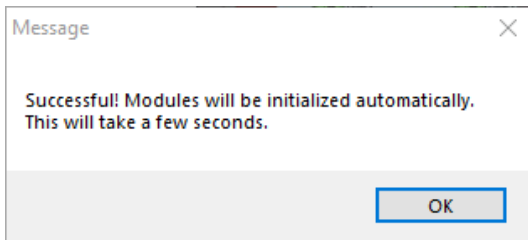
You may also hit the checkbox “All Modules from here” to update multiple modules one after another.



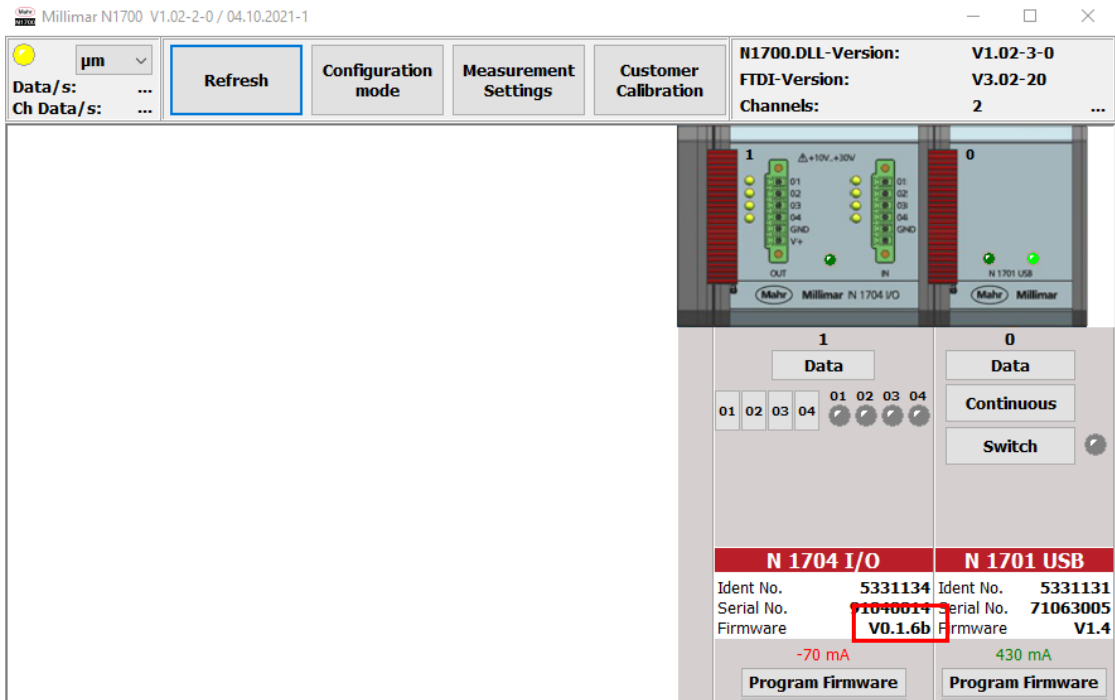
6. The software will now install the new firmware automatically. This will take approximately 20 seconds. To avoid damaging the modules, do not interrupt the firmware update and do not disconnect the modules until the end of the process!



7. After successfully updating the modules, a message box will appear. Clicking on the button “OK” will close this message box and initializes the modules.

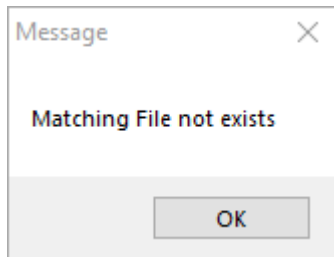


8. Now the updating process is complete. After initialization, the new firmware version (e.g. V0.1.6) will be displayed in the text box.



2 Common mistakes

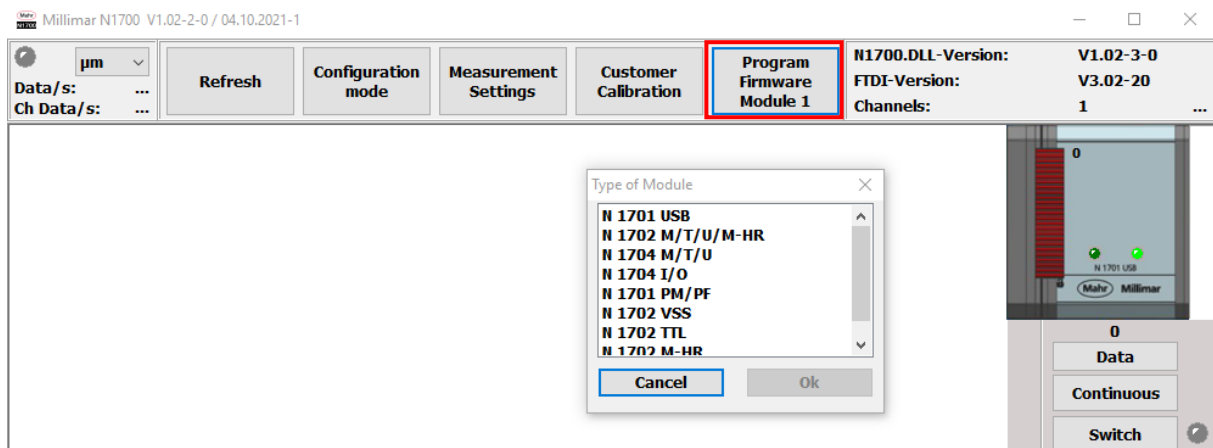
2.1 Matching File does not exist



In case the firmware could not be found please make sure you have specified the right folder path and try again. Moreover download the latest firmware version, see above mentioned link.

2.2 Interrupting the update process

Interrupting the update process will lead to damaged firmware and malfunction of the module. In case of a broken firmware, the software will not recognize the module! For solving this issue just connect the damaged module via the N 1701 USB to the computer and restart the software. Now the button “Program Firmware Module 1” is available. Clicking on this button will allow you to reprogram the first connected module.



First, specify the connected module by choosing it out of the list. You will find the name directly printed onto the module. Afterwards choose the folder path that contains all firmware files and start the reprogramming via the button “Start”.

