

Updating the DLC pro software:

TOPTICA continues to improve the software related to the [DLC pro](#) to include features and support more laser heads. Our customer may install the newest software as follows; no shipment of equipment is needed.

1. Get the latest version of the software from the DLC pro Software Update section available [here](#).
2. Unzip this archive.
3. Please go to the folder \1_TOPTICA DLC pro SOFTWARE_X.X.X\1_DOCUMENTATION (the X are placeholders for actual release numbers) to verify if something needs to be done before you update your DLC pro by reading the file DLCpro-X.X.X-ReadMeBeForeUpdate.txt.
4. Update according to the manual, see folder \1_TOPTICA DLC pro SOFTWARE_X.X.X\1_DOCUMENTATION. Note that not all USB thumb drives are supported by the DLC pro so TOPTICA recommends using the USB thumb drive provided with the laser.
5. The following files are to be used for the update:
\\1_TOPTICA DLC pro SOFTWARE_X.X.X\4_DLC pro Firmware_X.X.X\DLcpro-archive.fw
\\1_TOPTICA DLC pro SOFTWARE_X.X.X\5_DLC pro System Software_X.X.X\dlcpro-system-software.img
For SHG, FHG or TOPO systems, an additional file is used:
\\1_TOPTICA DLC pro SOFTWARE_X.X.X\6_DLC pro NLO System Update_X.X.X\Nlo-system-update.fw
6. In short: Copy the mentioned files into a folder "toptica", which is located in the main directory, switch the DLC pro off, connect the USB flash to the interface at the front of the DLC pro, power the DLC pro up while pushing the parameter button (bottom of the four on the right of the display) until the "updating system software..." message is displayed, and follow instruction in the DLC pro screen. An update of the firmware may be aborted if the system software does not support this firmware. Hence it is important to push the parameter button as described to ensure that the system software is updated first.
7. If you are using the TOPAS software to control the DLC pro, ensure that the latest version is installed to avoid compatibility issues. To install the latest version execute this file: \\1_TOPTICA DLC pro SOFTWARE_X.X.X\2_PC-GUI_X.X.X\TOPAS_DLC_pro_X.X.X.exe
The PC GUI requires Windows 8 or newer.
8. You will find the accompanied release notes DLCpro-X.X.X-ReleaseNotes.txt in the folder \\1_TOPTICA DLC pro SOFTWARE_X.X.X\1_DOCUMENTATION.
For those using the remote control: We provide the list the changes in commands in the file DLCpro-X.X.X-ListOfChanges.txt.
Updated Command references and the latest DLC pro manual are available in this folder, too.
9. In case you want to control the DLC pro from a Python program, we recommend the [TOPTICA Python Laser SDK](#).

In case of problems in the update process, please contact our Service department: service@toptica.com