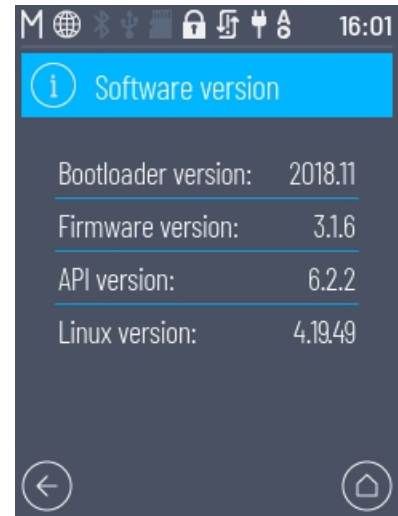


TXT 4.0 Controller firmware update

This document describes how to update the firmware of the TXT 4.0 controller. Please follow the instructions step by step. If you have any questions, please contact fischertechnik-technik@fischer.de.

The current version of the TXT 4.0 controller can be found on the controller in the menu: **Info -> Software version**.

CAUTION: DO NOT interrupt the power supply during the update process, otherwise the TXT 4.0 controller could be damaged.



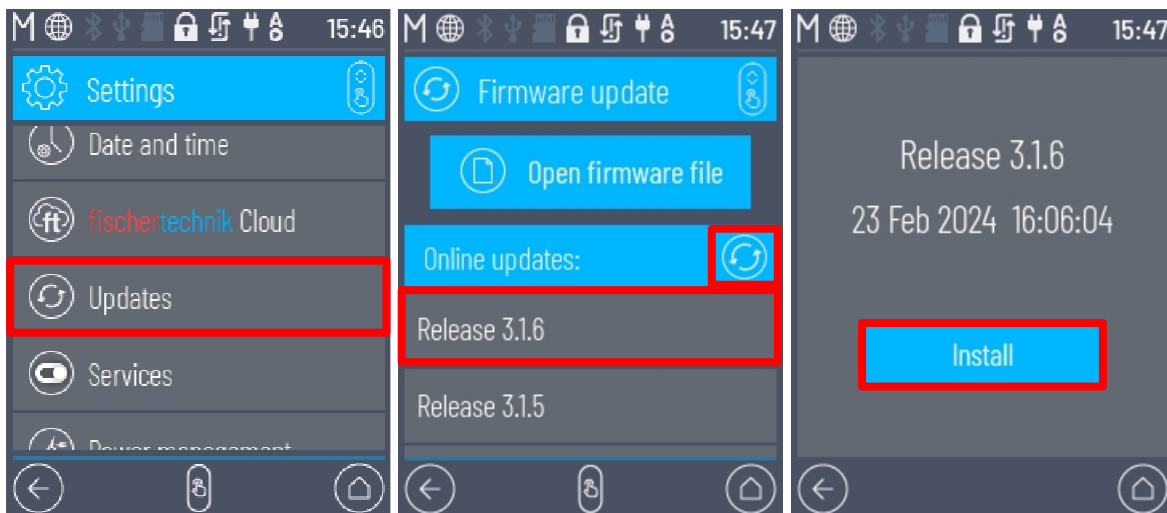
Option A: Updating the firmware via Internet / WLAN

Connect the TXT 4.0 Controller to an Internet router via WLAN. If an Internet connection has been set up, a globe symbol should be displayed in the status bar of the controller instead of the WLAN symbol. An update symbol is visible during an update, see image below:



Navigate to the menu: **Settings -> Updates**

Select the version under "Online updates". Press "Install". Updating the firmware via the Internet takes about 10-30 minutes. The duration depends on the Internet connection. For firmware version 3.1.0, you must first update to 3.1.4.



Option B: Updating the firmware via USB stick or µSD card

Take a USB stick or a µSD card with a memory size of 4-32GB. These must be formatted as FAT32.

FAT32 should be displayed as the file system under Properties for the storage medium (under Windows, see image).

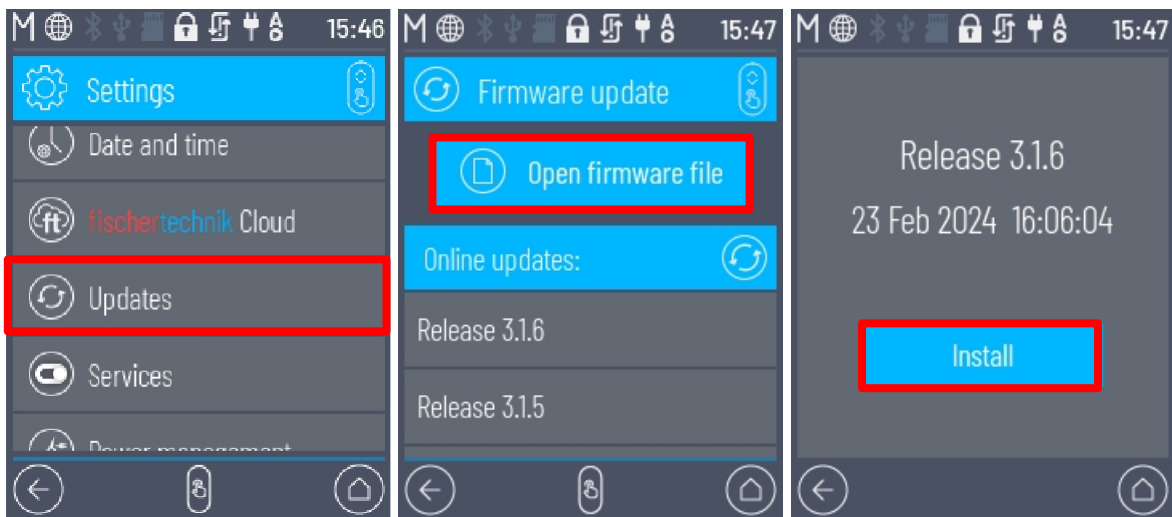
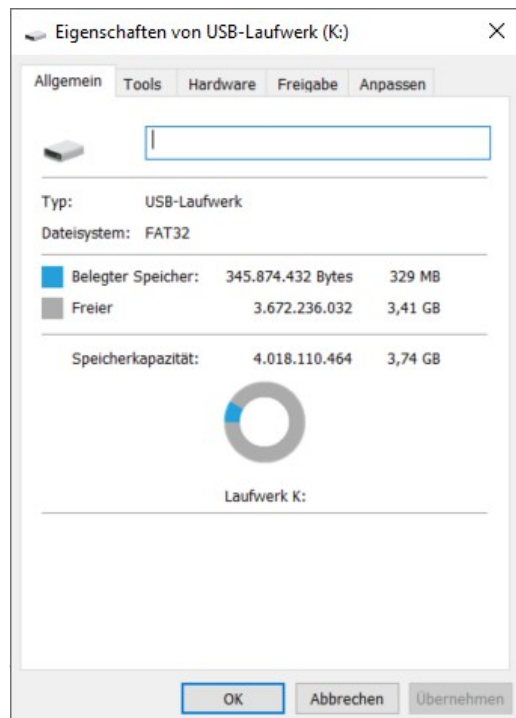
Download the update file, e.g. "imageqtbundleconv316.raucb" from the fischertechnik homepage <https://www.fischertechnik.de/txt40controller> and save this file to the storage medium. Then insert the storage medium into the TXT 4.0 controller.

Navigate to the menu: **Settings -> Updates**

Press "Open firmware file" and navigate to the update

ext_usb -> sda ... or **ext_sd -> mmcblk1p1 ...**

Press "Install". Updating the firmware takes about 10 minutes.



Finalizing the update process

The update status should then be shown on the controller display. When the update is complete, a message will be displayed. If the process has been completed successfully, switch the TXT 4.0 Controller off and on again by pressing the ON/OFF button for >3 seconds at the end of the update. If the TXT 4.0 Controller has rebooted, a green tick symbol should be visible in the status bar at the end.

