

Patchkeeper DFU OTA (Device firmware update over-the-air)

Download nRF Connect

Versions for Mobile:

<https://www.nordicsemi.com/Software-and-Tools/Development-Tools/nRF-Connect-for-mobile>



More documentation and APK file
for Android 4.3 or later and iOS
version 9 or later here:



Versions for computer

This guide is for updating firmware using mobile phone. nRF Connect APPs are also available for computer as well. “nRF Connect Bluetooth Low Energy” is the one to be used for checking BLE data packets and over the air firmware update.

Computer desktop version are also available, which can be downloaded [here](#).

Here is the detailed instruction:

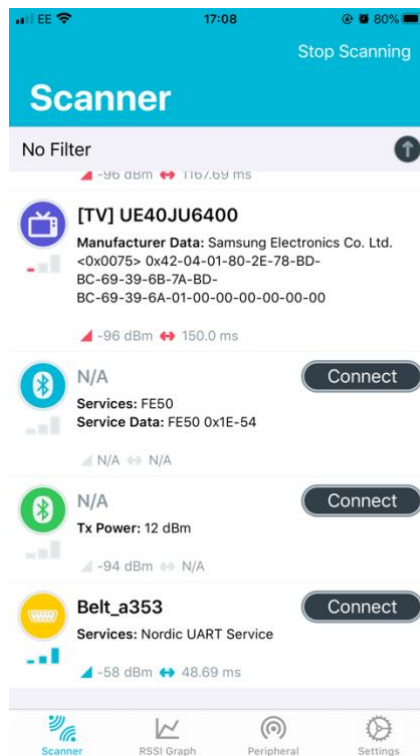
https://infocenter.nordicsemi.com/index.jsp?topic=/struct_nrftools/struct/nrftools_nrfconnect.html&cp=8_3

Note: On macOS and Linux, you must download and install the [SEGGER J-Link Software](#) separately and may need DK hardware from Nordic.

Step-by-step DFU OTA on iPhone (with screenshots)

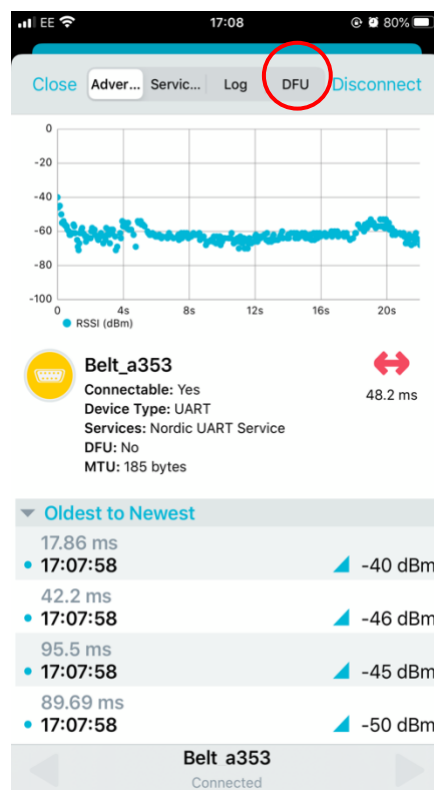
- 1) Open the APP
- 2) The APP will scan for BLE devices automatically, turn on your Patchkeeper device. It will be shown as Belt_xxxx.

3) Click Connect button



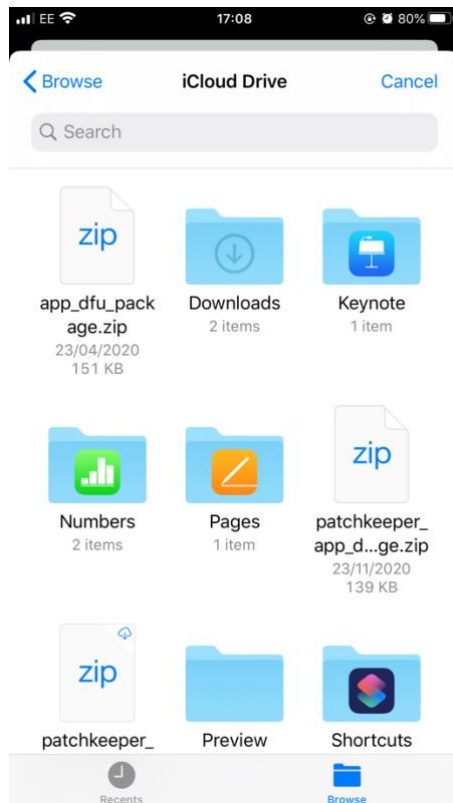
4) Once connected, you will see the following screen with information from the Patchkeeper device.

5) Click on DFU button as shown in the red circle.



6) You will be prompted to choose your file. On iPhone, the file is usually stored in iCloud for this purpose.

7) Select the corresponding zip file you would like to use.



- 8) You will have this screen, with information about the zip file contents.
- 9) You are ready to click Start button.



- 10) Once finished, you should see the following screen and you can use you Patchkeeper again.

