

Updating Progda sensor firmware (using Nordic Semiconductor tools)

Required mobile software:

nRFConnect

Android: <https://play.google.com/store/apps/details?id=no.nordicsemi.android.mcp>

IOS: <https://itunes.apple.com/fi/app/nrf-connect/id1054362403?mt=8>

Xampion Sensor Router

Android: <https://play.google.com/store/apps/details?id=com.progda.router>

IOS:

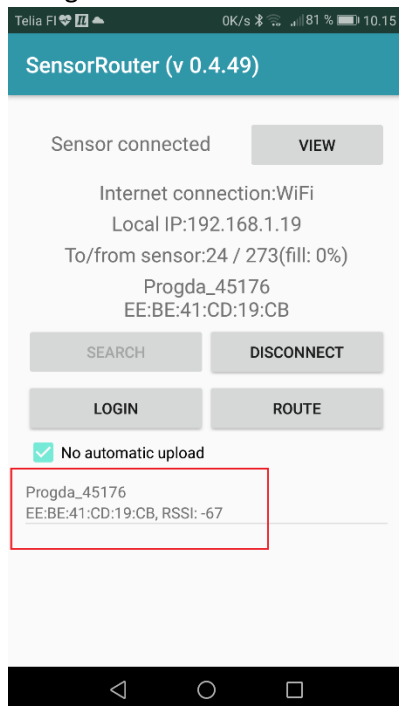
Latest Firmware files:

<https://github.com/ProgdaOy/Rockda-Firmware>

Download and store files in to your mobile phone locally or save in to the cloud storage like a Dropbox.

Updating procedure

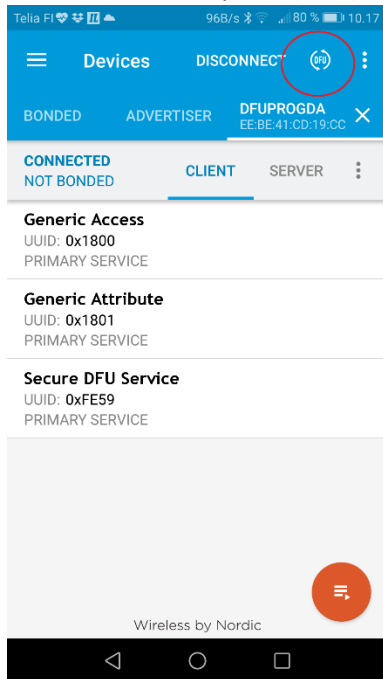
1. Open Xampion Sensor Router app
2. Press “SEARCH” button.
3. Swing sensor back and forth until waking up and sensor text appears to the screen.



4. Select sensor and press “CONNECT” button.
5. After successful connect, tap 5 times over sensor text until “DFU Sent...” toast appears.

The sensor is now in DFU mode 180 seconds. If no updating process activated during this time, sensor will reset to application mode.

6. Close Xampion Sensor Router app.
7. Open nRFConnect app.
8. Locate “DfuProgda” from list and press “Connect”
9. After connection, press (DFU) icon at the upper right of the screen.



10. Select “Distribution Packet (ZIP) and press OK
11. Browse and select firmware file (*.zip) from your file system.
12. Wait until updating process done.
13. After disconnect, close nRFConnect app.
14. The sensor is now updated. Verify new version by connecting sensor with Xampion Sensor Router app and press “VIEW”.