



# Sollatek GBR1/FFM-B

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Sr# and MAC correction

Version 1.1

Development team

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### 1 Purpose

Purpose of this document is to understand functionality of phone application which will correct devices SR# and MAC if they are not correct and do DFU and put device in deep sleep mode.

### 2 Definition(s) and Abbreviation(s)

| Name | Abbreviation |
|------|--------------|
|      |              |
|      |              |
|      |              |
|      |              |
|      |              |
|      |              |
|      |              |

### 3 Setup

- Install shared application in android mobile phone.
- Don't uninstall the application without our confirmation as it may lose some data from phone upon uninstallation.
- **Need to Power on Device on Mains supply.**
- Make sure Internet and Bluetooth must be ON for this application.
- The application must be used in foreground mode only. The phone screen must be ON and don't minimize application while it is working.

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## 4 Using Phone App

### 4.1 Open installed application in the phone.

- Select "CCH" Server.
- Enter valid credentials for login.
- **User need to share Hub MAC to e-Best for registration in system.** Hub MAC can be found from login screen as shown in Figure 1. Hub MAC should be registered on our cloud otherwise app will not allow for login.
- After successful login, screen will be visible as shown in Figure 2.

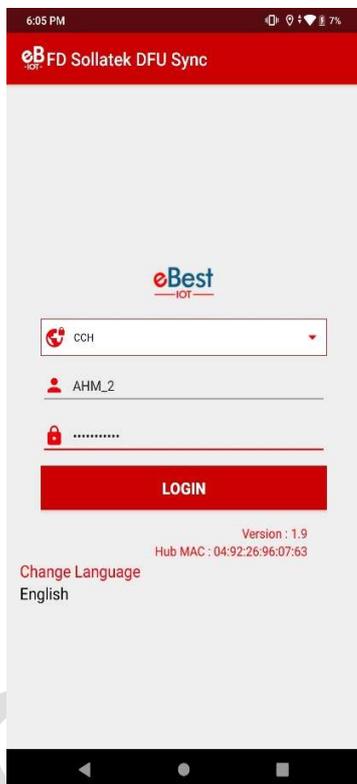


Figure 1

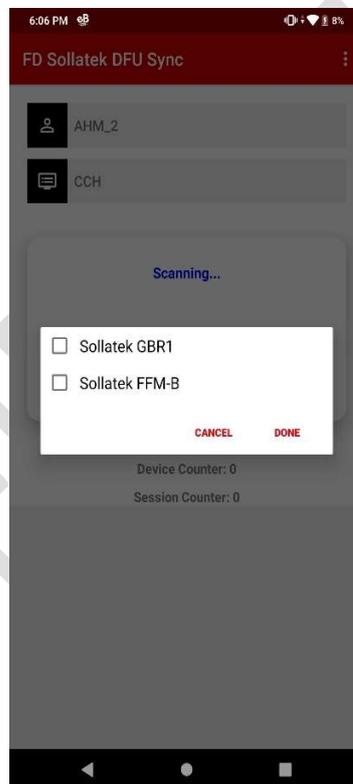


Figure 2

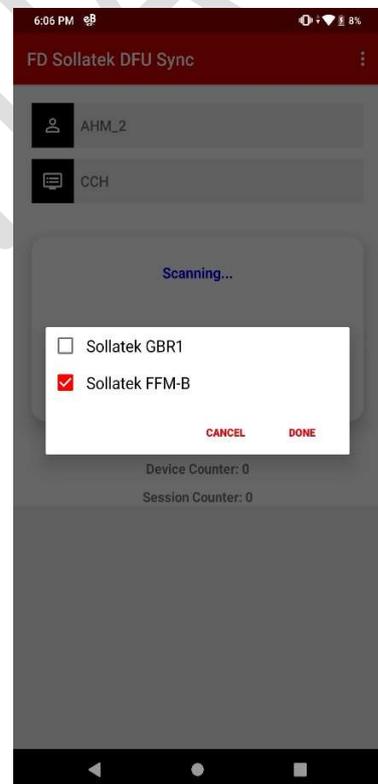


Figure 3

## 4.2 Device serial correction

- After successfully login in application, keep the phone close to device.
- The application will scan and connect to devices automatically which are advertising with default serial number and do correction of Serial number.

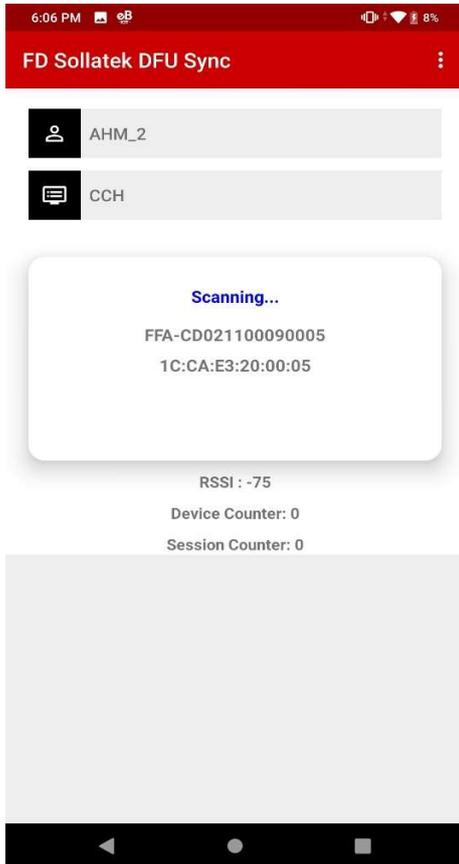


Figure 4

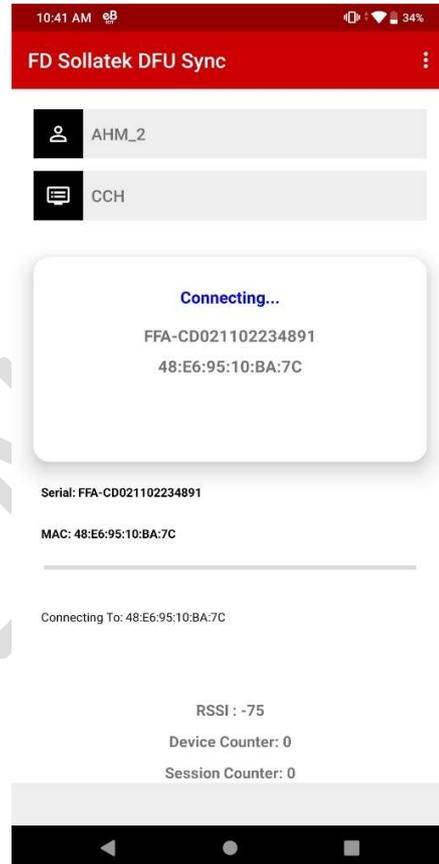


Figure 5

## 4.3 Device DFU

- Once device serial number corrected application connects with device which are advertising with valid serial number and do DFU on it.
- After DFU application will put them in sleep mode.

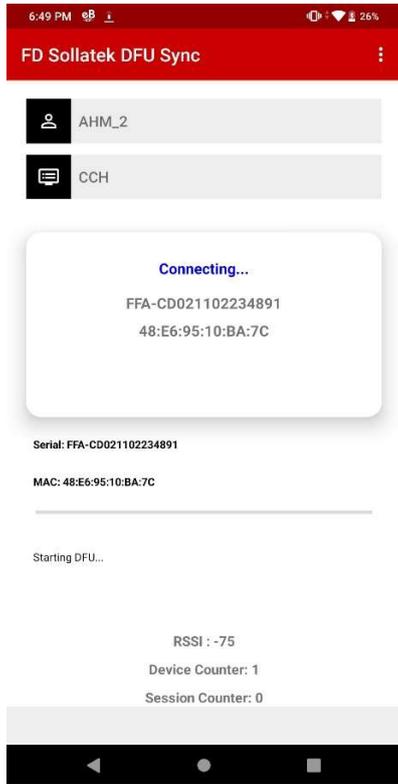


Figure 6

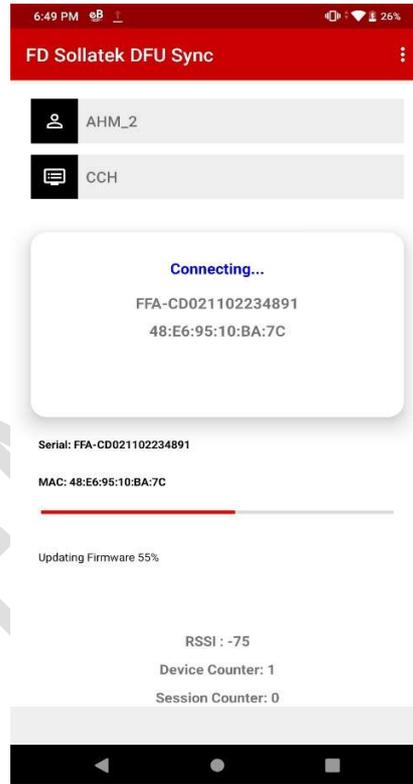


Figure 7

## 4.4 Process finished

- After successfully process for every device, it will increase device counter by one as shown in figure 8.
- The “Device Counter” is showing the number of devices which are successfully executed since the application is installed in the phone.
- The “Session Counter” is showing the number of devices which are successfully executed for one session means since we login the application.
- The same process will repeat for other devices which are near by phone.
- Application will wait for 5 minutes in scanning mode if any new device will not be appeared in scanning than application is consider it as process finished and blow alarm.

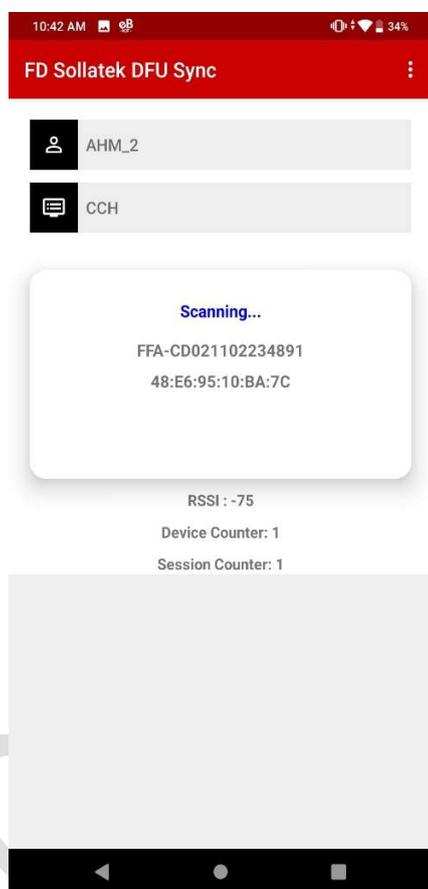


Figure 8

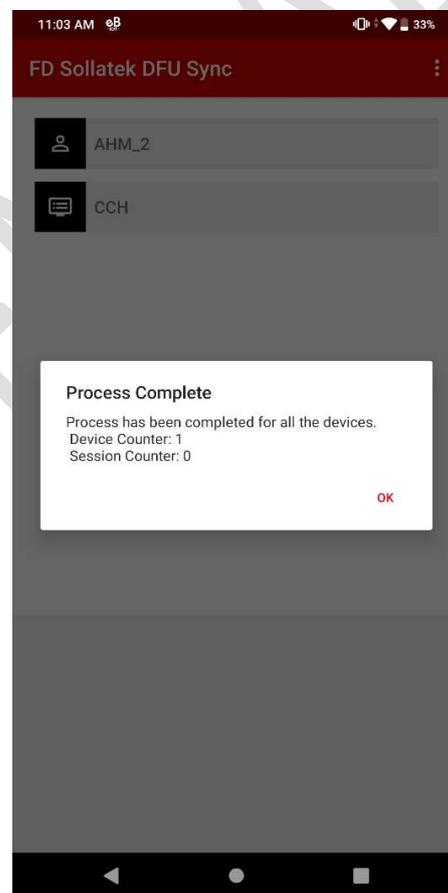


Figure 9

- Application will generate success notification (Alert sound) once process completed.

## 4.5 Error alarm

- In case of any error or incomplete process due to no internet or any other reason app will generate different failure alert sound so that user can check and restart the testing again by logout and login again.

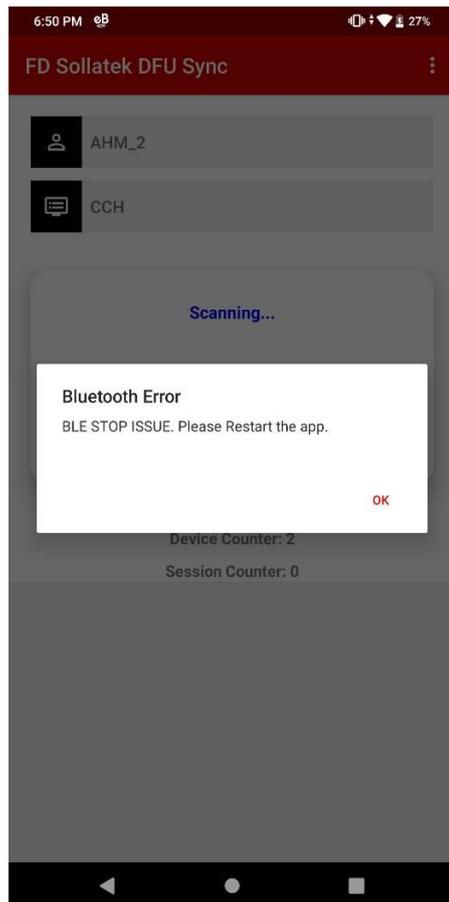


Figure 10

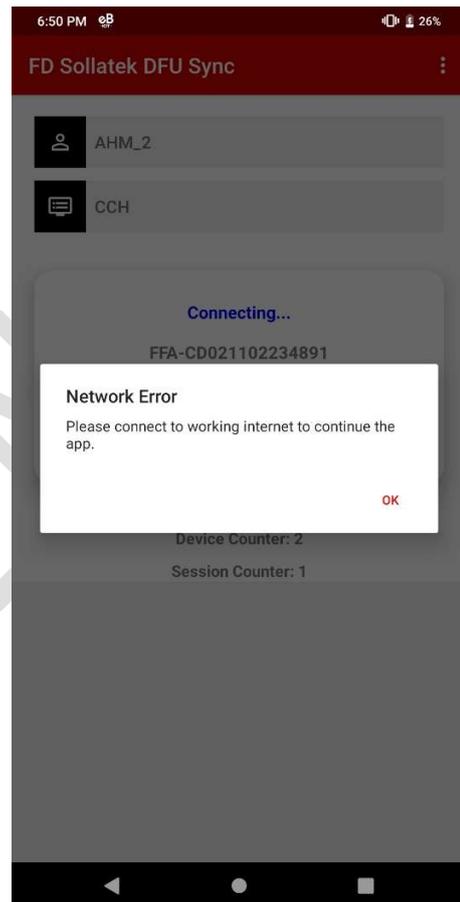


Figure 11

## 5 Document History

| Version | Released On  | Changes                     | Written by  | Reviewed by | Approved by |
|---------|--------------|-----------------------------|-------------|-------------|-------------|
| 1.0     | SEP 25, 2020 | Initial Release             | Kirat Patel | Bipin Patel |             |
| 1.1     | SEP 1, 2021  | Added support of FFM-B also | Bipin Patel |             |             |