



Figure 9 iOS Download and Encrypt firmware file

2. Install the client app in an Android or IOS device.
3. Place the firmware 2 in right location in Android/IOS devices
 There is a demo bin file (firmware 2) named as 'ota_pack.bin' in the path '`\QBlue\QN9020\QBlue-X.X.X\BinFiles`'. For Android, the file should be put into the folder '`sd card/NXP_BLE`' on the target phone.
 For IOS, the file should be put into the folder "Documents" which is located in the example iOS application by some tools, such as iTools.
4. Start the app in Android/IOS and initiate the upgrade procedure.

Then the new firmware (firmware 2) in Android/IOS phone will be downloaded and upgraded to BLE device.

Note:

If your new version of the app (Firmware 2) doesn't have OTA function, you can only upgrade once.

7. References

Included with QBlue-X.X.X Release. The QBlue-X.X.X software has been installed to the default path '`C:\QBlue\QN9020\QBlue-X.X.X`':

- [1] `C:\QBlue\QN9020\QBlue-X.X.X\ Documents\QBlue ISP Studio Manual v1.0.pdf`
- [2] `C:\QBlue\QN9020\QBlue-X.X.X\ Documents\QN9020 API Programming Guide v1.0.pdf`
- [3] OTA Profile Guide

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