

X Series & TabletPCR Integration Information

The intent of this document is to provide the reader with the following information pertaining to uploading case files from the X Series to TabletPCR and:

- General “Safety Tips” regarding the setup and uploading of Case files.
- Setting up and using the X Series for Wi-Fi case file transmission.
- Using TabletPCR to receive case files from an X Series Wirelessly.
- Using TabletPCR to receive case files from an X Series via USB drives.
- Troubleshooting

1. Important Safety Tips:

- 1) Default Supervisor passcode is: 1234
- 2) Ensure that the X Series is running CP Software Version CP (Communication Processor) 01.00.056.1980 or later.
 - a) To check:
 - i) Setup / Supervisor / Service / Device Configuration, scroll down to the third page and check the “CP Software Version” field.
- 3) Ensure that Code Review 5.3.1.19 or later is installed with TabletPCR.
- 4) The X Series does not have an exclamation point “!” on its keyboard so using it in a Wi-Fi password will not work.
- 5) Wi-Fi profiles cannot be copied from one monitor to another. With that being the case, it’s recommended that all ambulance “Hot Spots” be configured the same in regards to their SSID, encryption type and password.
- 6) It is suggested that if Bluetooth is not being used, it be disabled.

2. X Series Wi-Fi Setup & Usage:

- 1) No configuration is necessary in ZDMC nor in RescueNet Field Data Configuration.
- 2) Each monitor should be setup with all Wi-Fi Access Points that could be utilized by TabletPCR or the X Series.
- 3) Setting up Wi-Fi Profiles in the Supervisor Menu:
 - a) You can set up wireless profiles in the **Communications** setup menu. This is located in the Supervisor Setup menu, which requires a password. **Note:** *Communications setup is not available in AED mode.*
 - b) To access the Communications menu:
 - i) Press the **More** quick access key if the **Setup** button is not visible (Figure 1).
 - ii) Press the **Setup** quick access key. Use the navigation keys to scroll down to **Supervisor**.
 - iii) Enter the password, **1234**. The Supervisor menu appears.
 - iv) Use the navigation keys to highlight and select **Communications**.
 - v) The options for Communications are displayed.

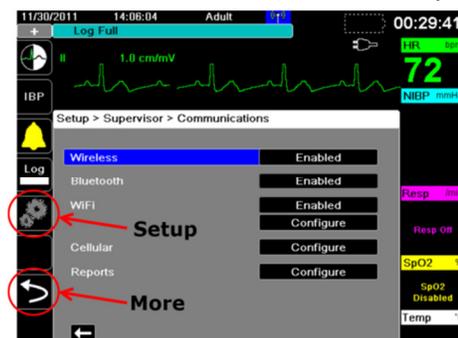


Figure 1

- c) Wi-Fi Access Point Profile Setup
 - i) To add or modify WiFi Access Point Profile(s), use the navigation keys to highlight and select **Configure WiFi** (Figure 2).

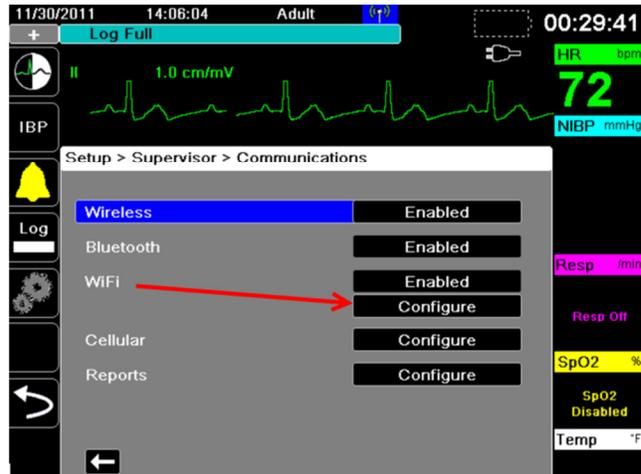


Figure 2

- ii) Selecting a profile will place a green check mark next to it indicating it's the selected access point allowing you to "Edit" or "Delete" the profile (Figure 3).
 - iii) Using the navigation keys to highlight and select **Add**. You can add a new profile to the monitor (Figure 3).

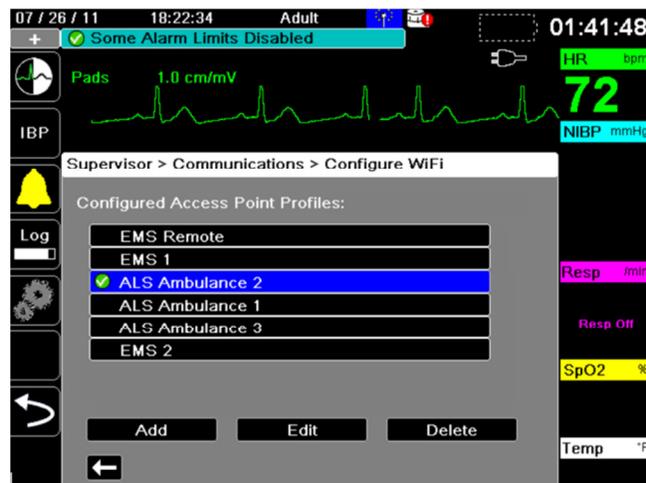


Figure 3

- iv) In the "Add AP Profile" screen you can now setup a new wireless connection for your X Series. You must specify the Network Setting, Profile name, SSID, Authentication type and the password. Press the left "←" to save your profile (Figure 4).

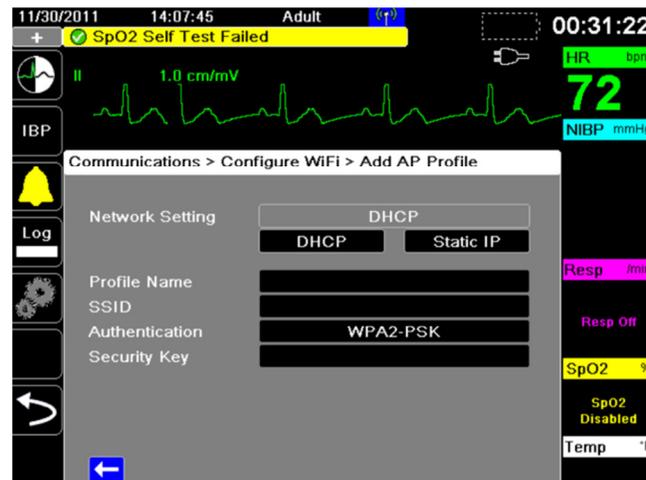


Figure 4

- d) Selecting Which Profile To Use for Uploads:
- i) From the patient mode screen, use the navigation keys to select the wireless icon as shown in Figure 5.
 - ii) Enter the “Wireless” settings menu and use the “WiFi Access Point” field to select the profile you wish to connect to.

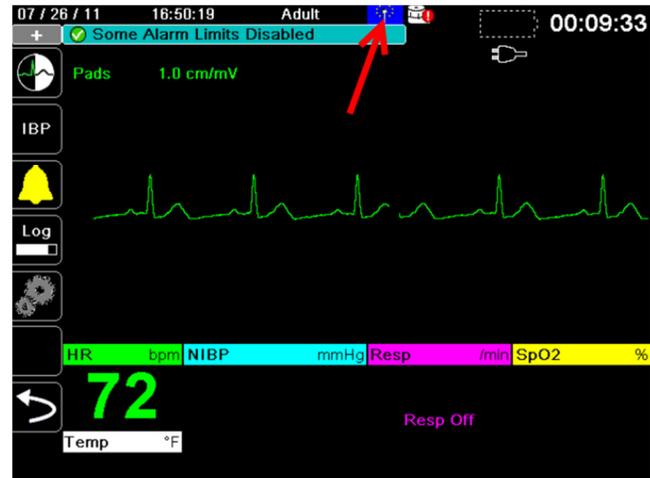


Figure 5

- e) The Wireless Icon - The wireless icon (Figure 5) is also used to display the current connectivity status of the monitor. It has three possible states shown below. If wireless connectivity is disabled, no icon is displayed.
- i) Connected Wireless connectivity is available (WiFi, Bluetooth, USB cellular modem).
 - ii) Not connected Wireless connectivity is not available due to incorrect configuration or weak/no signal strength.
 - iii) Failed Wireless communication hardware has failed.
- 4) Performing an X Series to TabletPCR Upload via Wi-Fi:
- a) Ensure that both X Series and the device running TabletPCR are connected to the same wireless network. **As long as they are both on the same network, there is no action that needs to be taken on the monitor itself.**
 - b) In TabletPCR, go to Vitals / Medical Devices and press the “Upload” button (Figure 6).
 - c) Select the X Series and if necessary set it to “WiFi” using the “Options” button.
 - d) Pressing the “Next” button will initiate the communication.
 - e) If multiple monitors are in range the user will be prompted to select the one they wish to upload from.

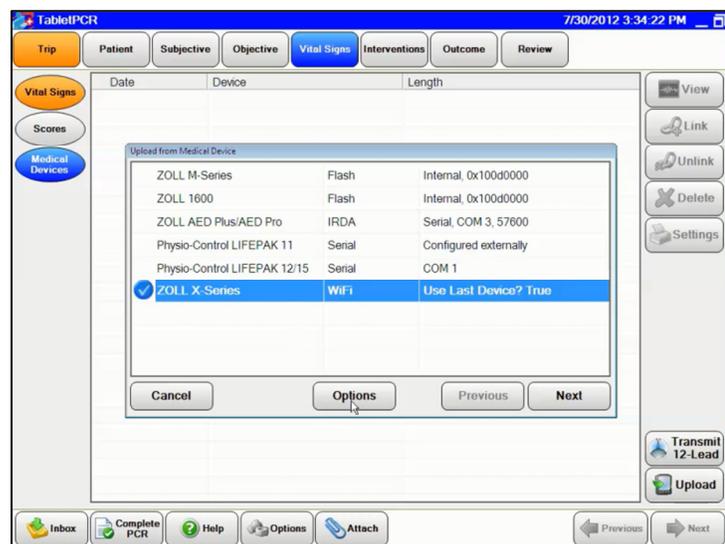


Figure 6

- f) Once communication between the two devices has been established TabletPCR will display a list of cases available for upload (Figure 7).
- g) The user will select the case they wish to upload and press the “Done” button.
- h) The case file will be uploaded to TabletPCR, create any vitals and any mapped code markers. This completes the upload process.

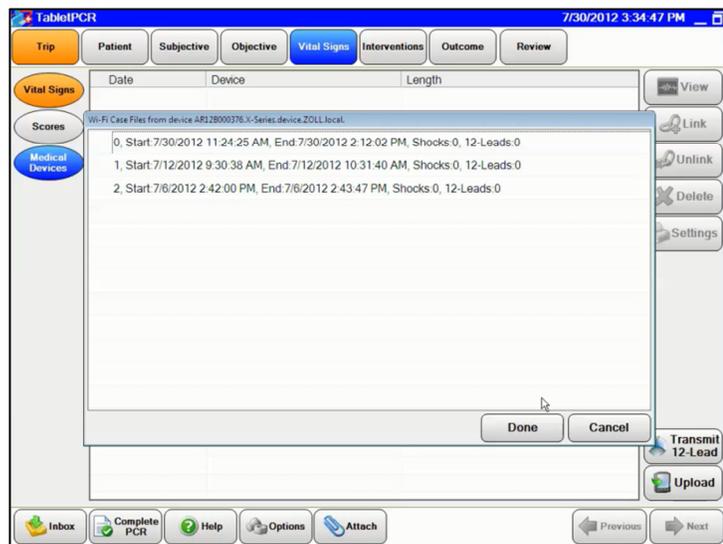


Figure 7

3. Uploading Case Files via USB Drives:

- 1) Saving case files to the USB Drive:
 - a) Press the **More** quick access key if the **Log** button is not visible.
 - b) Press the **Log** button (Figure 8).
 - c) Press the **USB** button. It will be in the same position as the **Log** button.
 - d) Insert the USB Drive into the monitor.
 - e) Select either “Transfer All Cases” or the individual case you wish to transfer.
 - f) Wait for the case to transfer to the USB Drive. When it’s finished the monitor will display “Transfer is complete.”
 - g) Remove the USB Drive and press “OK” on the monitor.



Figure 8

- 2) Uploading case files from a USB drive to TabletPCR:
 - a) In TabletPCR, go to Vitals / Medical Devices and press the "Upload" button (Figure 9)
 - b) Select the X Series and if necessary set it to "USB Transfer" using the "Options" button.
 - c) Pressing the "Next" button will take the user to Windows "Open" dialog box where they can drill down to the case file they wish to upload. **It's important they search for X-Series Cases which are *.tdp files** (Figure 10). The user can select the case and press "Open".
 - d) The case file will be uploaded to TabletPCR, create any vitals and any mapped code markers. This completes the upload process.

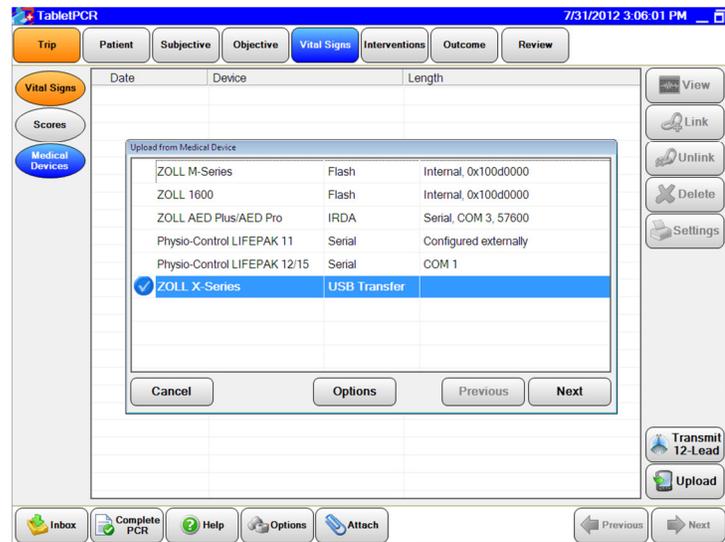


Figure 9

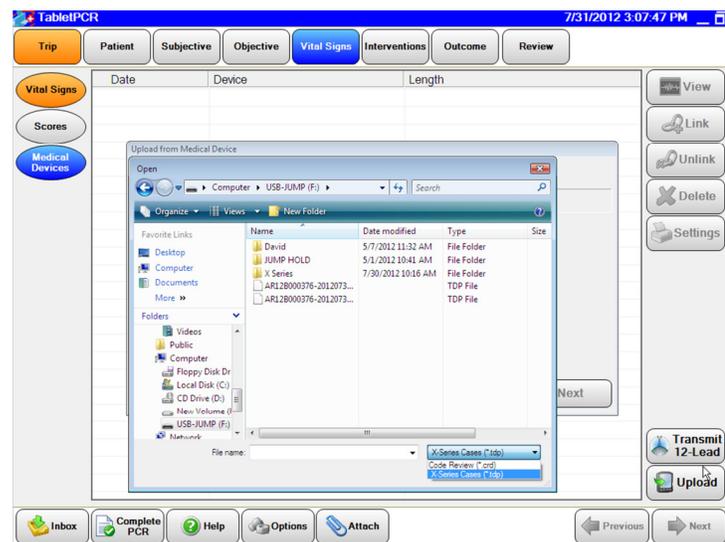


Figure 10

4. Troubleshooting

- 1) **Connectivity Errors** – Confirm that all wireless setting (DHCP setting, SSID, Authentication Type & Security Key) are all the same. A common issue is the incorrect Authentication Type, it must match the wireless network security settings of the wireless access point. To set this on the monitor, toggle between WPA-PSK and WPA2-PSK.
- 2) **Unable to transmit 12-Leads to ZOLLONLINE** – Under, Setup / Supervisor / Communications / Reports /Configure / Server DNS Name, ensure that it is set to: "12subsvc.zollonline.com". This is new to version 1980 of the X Series software.