

Connecting an Element POC to a Computer Using a WiFi Network

NOTE: Please read in its entirety before starting. It may be necessary to contact your facility's Information Technology department to obtain the proper wireless connection and security settings.

Configure the Element POC® (epoc®) Blood Gas & Electrolyte Analyzer

1. Turn on the epoc Host by pressing **POWER**.
2. At the login screen, scan "administrator" into the User ID and Password fields (to scan, aim the Barcode Scanner at the barcode and press the **SCAN KEY**).
3. Touch **TOOLS ► EXIT**. At the message "Exiting Host. Continue?", touch **YES**.
4. A customer's network will be one of two types: broadcasting or non-broadcasting. A broadcasting network can be seen when you scan for networks. A non-broadcasting network will not appear when scanned and must be manually entered.
 - a. For networks that broadcast their SSID:
 - i. Touch **FUSION** on-screen icon along the bottom of the screen. If only "Notification" is seen, touch to clear and reveal Fusion icon.
 - ii. Select [Find WLANS] from the menu.
 - iii. Touch and hold desired WLAN and select [Create Profile] from the menu.
 - iv. Proceed to configure the WiFi network profile in Step 5.a. For networks discovered this way, it is common for the default values to be correct until step 4 of X (X indicates the number of steps depending on the specific network) in section 5 below.
 - b. For networks that DO NOT broadcast their SSID:
 - i. Touch **FUSION**.
 - ii. Select [Manage Profiles] from the menu (on new installs you will see a screen that says "Motorola Wireless Out of Box Magic").
 - iii. Touch and hold anywhere in the center of the screen to bring up the menu; then touch **ADD**.
5. Configure the WiFi network profile.
 - a. Analyzer shows screen 1 of X. For a scanned network, use these defaults and touch **NEXT**. For non-broadcasting networks enter a Profile Name and Network Name (ESSID), and then touch **NEXT**. The ESSID must be perfect with no errors in punctuation or capitalization.
 - b. Analyzer shows 2 of X. Leave the defaults as Operating Mode: [Infrastructure] and Country [Allow Any Country]. Touch **NEXT**.
 - c. Analyzer shows 3 of X, for a scanned network. Use the defaults and touch **NEXT**. For a non-broadcasting network, choose the security mode and authentication type according to the direction of the network administrator. Touch **NEXT** if either of the two enterprise modes are selected. The analyzer will show 3 of X and the rest of the configuration should be done by the network administrator.

NOTE: Enterprise-level installation of certificates is not covered by this document. Contact clinic network administrator.

- d. Analyzer shows 4 of X. For scanned networks the encryption type should already be set correctly. For the vast majority of customers, change the pre-shared key to "pass phrase". Hexadecimal keys are seldom used anymore. Uncheck the box [For added security – Mask characters entered] so that errors in password entry can be seen and corrected. Touch **NEXT**.
- e. Analyzer shows 5 of X. Enter the exact password in the pass phrase box making sure there are no errors in punctuation or capitalization. Touch **NEXT**.
- f. Analyzer shows 6 of X. Leave all boxes checked unless the network administrator indicates otherwise.
- g. Analyzer shows 7 of X. Leave Transmit Power set as [Automatic]. Touch **NEXT**.

- h. Analyzer shows 8 of X. Please leave Battery Usage mode set at [Fast Power Save]. The other settings may be used in specific technical support situations. Touch **SAVE**.
- i. If the network appears with a warning icon  beside it, then perform the following steps:
 - i. Touch **OK** to exit profiles.
 - ii. Touch **FUSION ► OPTIONS**.
 - iii. From the drop-down list, select [Regulatory] and then un-check the box for Enable 802.11(d). Touch **SAVE**. On the Options Saved message, touch **OK** in the top right corner.
 - iv. Touch **OK** in the top right corner of Options to close it.
 - v. Touch **FUSION ► MANAGE PROFILES** to verify that the warning icon has disappeared.
6. Touch and hold on the name of the profile that you created. Select [Connect] from the menu.
7. Touch **OK** in the bottom right corner so that you can monitor the WiFi connection status. Within 60 seconds the icon in the bottom right corner of the screen should change to one of the following:
 Success:  Failure:  Wireless Disabled: 
 If it was successful continue to next step. It should not be disabled. If it failed then touch **FUSION ► MANAGE PROFILES**. Press and hold the profile that you created and then select [Edit]. Have your network administrator review the settings for accuracy beginning at step 5(a) and try entering the password again at step 5(e).
8. Reset the epoc Host by holding down the red power button for 5 seconds.

Configure the EDM Lite Software

9. Make sure EDM Lite is installed on the appropriate computer and the computer is connected to the network.
10. Open EDM Lite.
11. Click **SETTINGS** in the upper right.
12. Click **CONNECT EPOC HOSTS** on the left.
13. Check the box [Allow epoc Hosts to connect using Wi-Fi]. If you see a message: "Windows Firewall has blocked some features of this program," then check all boxes [Private network] and [Public network] and then click **ALLOW ACCESS**. This is a one-time message.
 - a. Make sure the IP address displayed is the correct address (there may be a pull-down menu that shows more than one address; check with your network administrator).
NOTE: Most computers are configured to "Obtain IP address automatically". Please have your administrator set this computer to a static IP address so that it does not change in the future.
 - b. Enter an unused port number. The port number can be any user selected value between 1024 and 65535 as long as it does not conflict with ports used by other software services at this location (check with network administrator).
14. For auto-transmit to HeskaView or DCU, click **EXPORT RESULTS**.
 - a. Check [Export test results to HL7 formatted text files].
 - b. Confirm [Automatically export received test records] is selected.
 - c. Click **SAVE**.

Finish Configuring Element POC Host

15. Turn on the epoc Host if it is not already ON.
16. Login as "Administrator" if not already logged in (scan the administrator barcode into both the user ID and password boxes or manually type the word "Administrator" in both the User ID and Password fields).
17. Touch **TOOLS ► OPTIONS ► DM OPTIONS**.
18. Confirm the **YES** radio button for "DM present?" is selected.
19. Enter the network address in the DM address field (this is the IP address selected in EDM Lite).
20. Enter the port number (this is the port number entered into EDM Lite).
21. Touch **SAVE**  then **OK**. Wait 15–30 seconds for the WiFi icon to change from disconnected  to connected .
22. Touch **TEST CONNECTION**. You will see "Initiating connection" then a few seconds later "Connection succeeded". If you change the settings again, always touch **SAVE**  before test.
23. Touch **CLOSE** .
24. Touch **LOGOUT**  ► **YES**.

Important Requirements to Successful Integration

EDM Lite must be open in order for results to transmit. If EDM Lite was not open or the analyzer was out of range during synchronization, the analyzer can be synchronized when it is brought back into range. Synchronization will send all unsent tests from the handheld analyzer into EDM Lite. If results appear in EDM Lite but not in HeskaView Integrated Software® Program/DCU then please refer to Product Bulletin, *Element POC, Bluetooth Connectivity*, #17LT0401 for software settings within HeskaView/DCU.



For further assistance, please call Heska's Technical Support Services at 800.464.3752, option 3.