

Contents

Section A – Download and Installation.....	1
Section B – Connecting to a Link2 Module	1
Section C – Wi-Fi Setup	1
Section D – General Tab	6
Section E – Templates and Saves.....	7
Section F – Testing Connection to your Truck	7
Section G – What’s Next	9

Use the Link₂ Definer application to easily setup your Link2 device and connect it to your local wireless network. You can create and store up to five network profiles in a link2 module.

Section A – Download and Installation

You can download Definer at: <http://www.link2dashboard.com> in the software section. If you do not have the driver already installed, you can download it from the same location. Once the download and installation of the application is complete, launch the application.

Section B – Connecting to a Link₂ Module

To get access to the USB port, remove the outer case of the Link₂ Module by inserting a flat head screw driver into the side tabs as shown in the picture below and gently pulling the case and connector sections apart.



Section C – Wi-Fi Setup

1. Locate and launch the Definer program on your computer.
2. Connect to the Link₂ Module: For the best results follow the Wi-Fi setup process while the Link₂ module is mounted inside the truck. This will allow you to test the Wi-Fi accessibility in this location.

- a. Physically connect the Link₂ to your PC via a USB cable



- b. Click the 'Connect to a Link₂ device' button to connect the Link₂

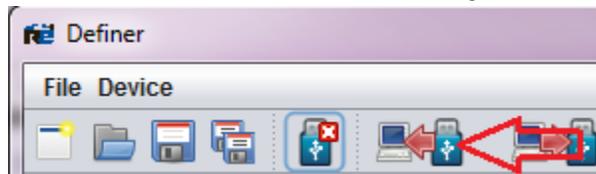


- c. The two grayed out icons, 'Get connected Link₂ configuration' and 'Save' all changes to the current configuration to the connected Link₂ device are now active and the Connect icon now has a white 'X' in a red box in the upper right corner.



3. Get configuration information from the Link₂

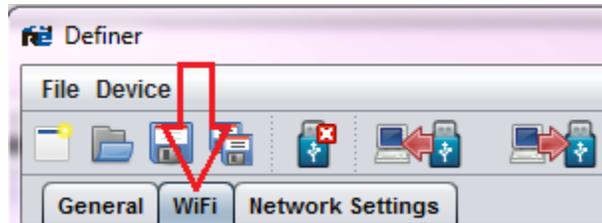
- a. Click the 'Get connected Link₂ configuration' button



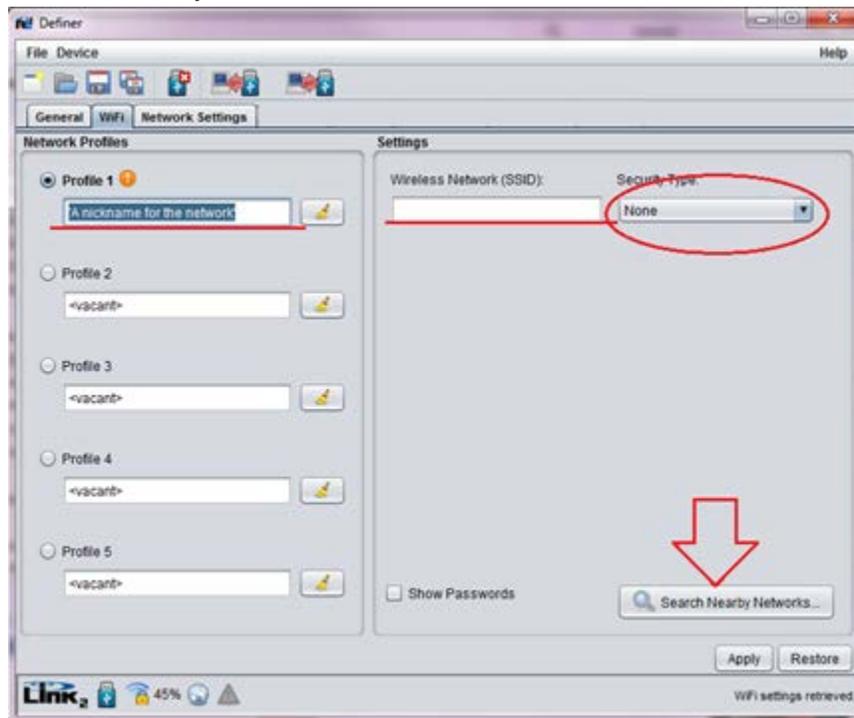
- b. When prompted that you will lose all unsaved changes, click 'yes'. You will notice a download bar appears at the bottom of the screen. Once it's complete, you will see the unit Serial #, Hardware # and Firmware # have updated as well as all other on-screen items. Record the serial number for future use.

4. Set up Wi-Fi

- a. Click on the Wi-Fi tab



- b. In the Profile 1 text box, type in a name to represent the Wi-Fi network (example "Department70" "Firehouse10"). In the Settings section either type in the exact name of the wireless network you want the Link₂ to connect to or press the 'Search Nearby Networks' button to locate it.



- i. In the window that pops-up, use the drop down arrow (if needed) to locate the network you want to connect to and select it. Then press OK.
- c. You should now see that name appear under the 'Wireless Network (SSID):' as well as a Security Type being selected. If the Security Type is incorrect, click it to show the dropdown list and select the correct one.
- NOTE: When searching for nearby networks, the Link₂ is unable to distinguish WEP64 from WEP128 security or WPA from WPA2 security. If the Link₂ returns either a WEP or WPA security type and you are still unable to connect to your router, try the other option for that particular security type, i.e. if WEP64 doesn't

work, try WEP128, or if WPA doesn't work, try WPA2. Also, verify the SSID and password, including capitalization.

- d. Click Apply in the lower right hand corner to update these settings to the Link₂ unit.

- i. In the lower left of the Definer application window you will see an active



- ii. When the Wi-Fi connection is made, the Wi-Fi icon will show as active and a signal strength % will appear. Once internet access is established, the globe icon will light up. This signifies that the Link₂ module has found the router and has an internet connection.



- iii. On the Link₂ device, you should see a blue LED that was previously flashing turn solid blue during this process. Solid blue means that it has made a connection to the router. If the icons do not light and the blue LED continues to cycle the flash pause pattern, try physically moving the Link2 to a location where you can get better reception and double check you have picked the correct network, security type and password.
- iv. If you are still having trouble, please contact your IT department, they may be blocking access.

5. Test connection to the Internet

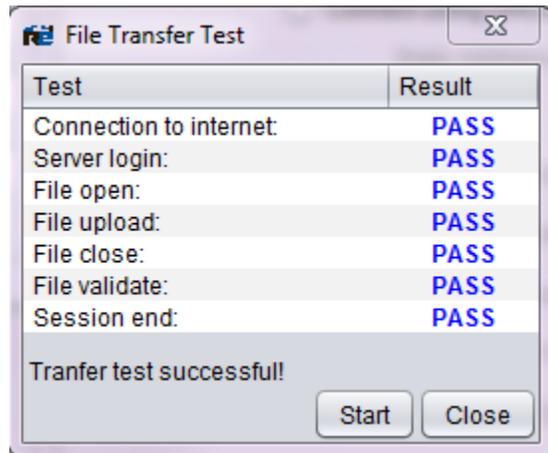
- a. Click on the Network Settings Tab and look to the bottom left section titled Test Connection.
- b. Click the Ping Server button.



- c. You should get a pop-up telling you PING successful with a round-trip time.



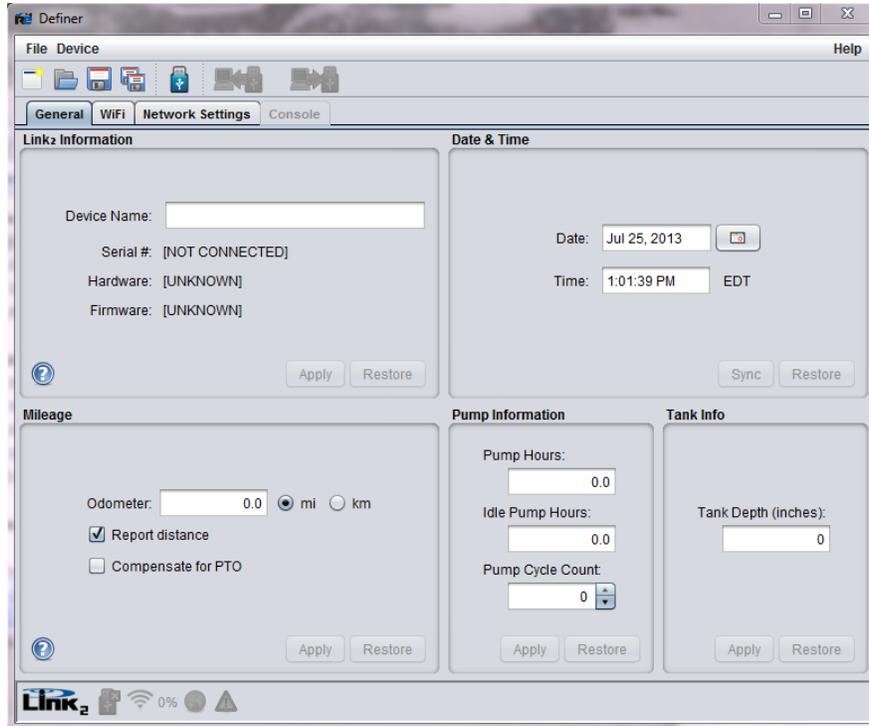
- d. Click OK.
- e. Now click the Transfer Test Button.
- f. In the pop-up, click Start and wait for the test to finish. If everything went well you should see **PASS** in all stages.



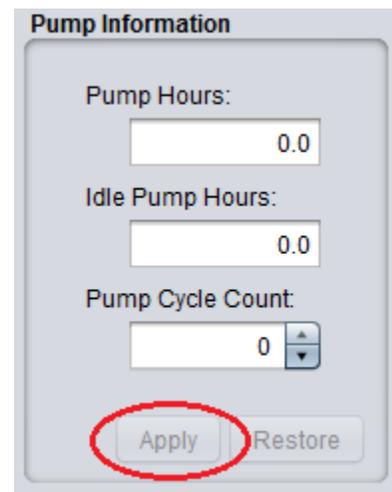
- g. Click Close.

6. You are now ready to use the Link₂
- If you want to add more Wi-Fi locations, follow the steps from Setting Up Wi-Fi section again for a different Profile.
 - If you needed to update the Mileage, Pump Information or Tank Info please continue to Section D of this tutorial.

Section D – General Tab



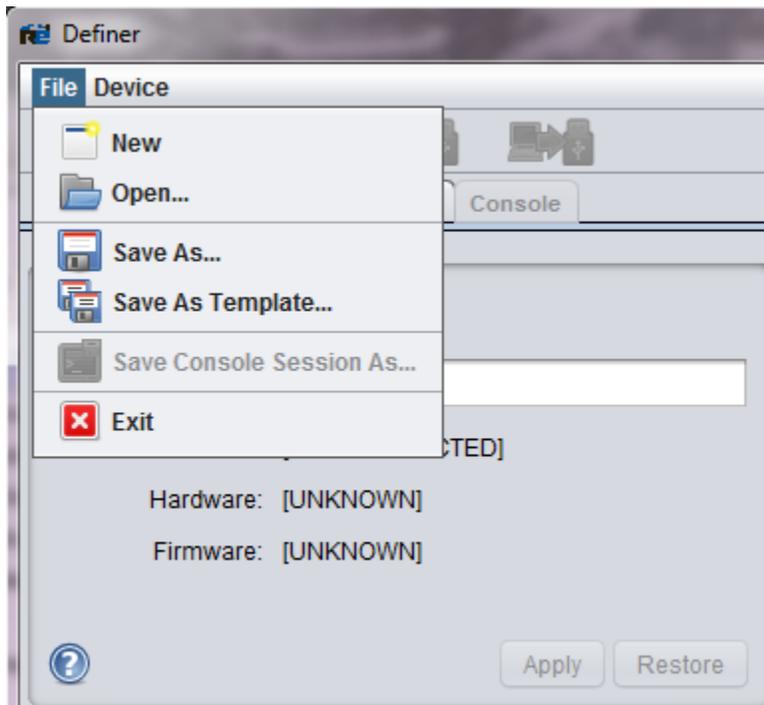
When connected to a Link₂ device, you can use the “Get connected Link₂ configuration” button to download Link₂ information, Date & Time, Mileage, Pump Information and Tank Info. If there is anything saved in the Link₂ module with regard to any of these items the values will be loaded for you to view. If this is a new install or you need to update information simply type the new information into the appropriate text box and press the “Apply” button within that same section to upload the new data. As an example, in the Pump Information section to the right you would fill in all the applicable items and press the Apply button circled in red to load them into the Link₂.



To get additional information on a specific section press the “” button.

Section E – Templates and Saves

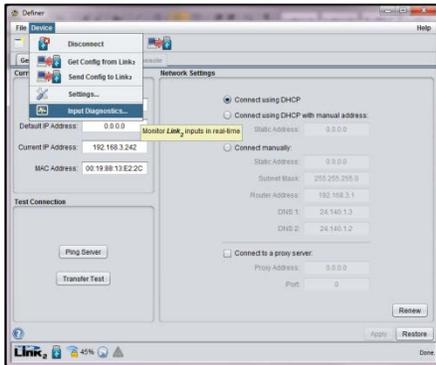
If you want to create a template so you can quickly load known values into any of the sections on screen, simply fill out any desired sections in the General and/or Wi-Fi tab and then click File-> Save As Template.



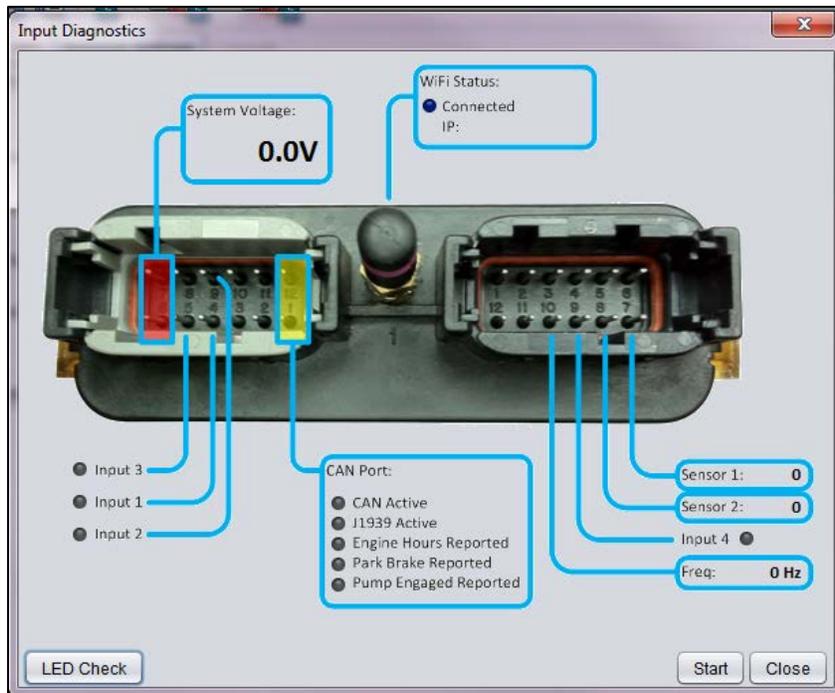
Now when you need to load those values into a Link₂ you can click File-> Open and select the Template file. When you open it all the values you saved will be pulled up and you can then apply the configuration to the connected Link₂. *The exception is Wi-Fi passwords. Wi-Fi passwords must be retyped each time you load a template.

Section F – Testing Connection to your Truck

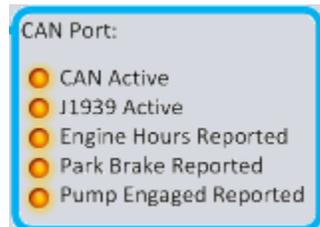
You test to verify your physical inputs and CAN connection are wired correctly to the Link₂. Connect the Link₂ module to your computer and connect to it in Definer.



Click 'Device' in the title bar menu to show the drop down list. Then click 'Input Diagnostics' and a new window will pop-up.



Connect the Link2 module to the vehicle and turn the vehicle on. Click the 'Start' button and wait 5-10seconds.



If you are properly connected you should start to see items in the 'CAN Port:' section light up. CAN Active and J1939 should have an orange LED next to them, if not check your wiring and verify you have not switched CAN Hi and Lo wires by mistake.

Engine Hours, Park Brake and Pump Engaged may not be present on the CAN network depending on how and when the vehicle was built. If 'Engine Hours Reported' does not have an orange LED next to it you then it is not available on this vehicle. If Park brake and or Pump



Definer Application Instructions



Engaged are not illuminated they can be hardwired to the Link₂ unit on Inputs 1 and 2 respectively. Once wired they can be verified by cycling the input and looking at the corresponding input on screen to verify the indicator is illuminated.

Once you have verified your connections, press 'Disconnect from a Link₂ device' in Definer and disconnect the USB cable. Turn off the vehicle and wait 15-30seconds and you should see the Red LED on the Link₂ module go out. If the red LED does not go out, disconnect power to the Link₂ module and wait for the Red LED to turn off then reconnect power. To verify the unit is powering up and down properly with ignition turn the vehicle ignition ON and verify the Red and Blue LED's come ON in the Link₂ module, then turn ignition OFF and wait 15-30seconds and both LED's should turn OFF. If the unit does not act as expected check the ignition wire to insure that you are getting the expected ON and OFF signal as well as your power and ground wires to insure they are always hot.

Section G – What's Next

You should now login to your account at link2dashboard.com and add this Vehicle to your account. For a new subscription registration, login to the My Account section and follow the directions.

Complete instructional guides are available at link2dashboard.com