

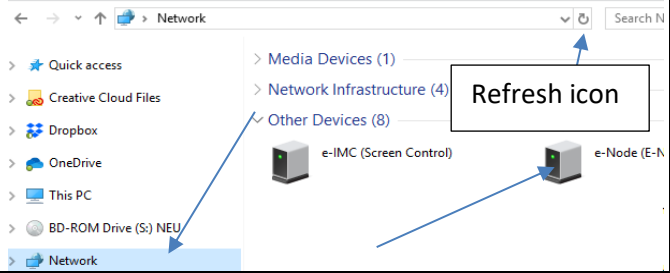

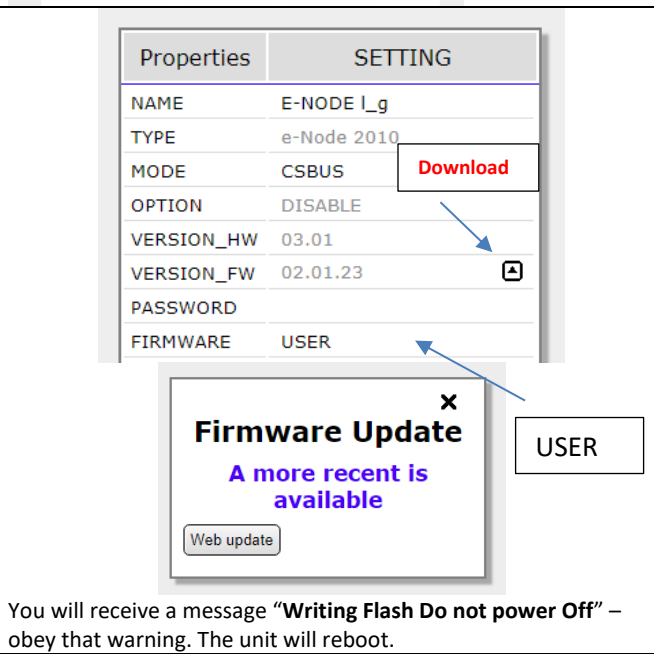

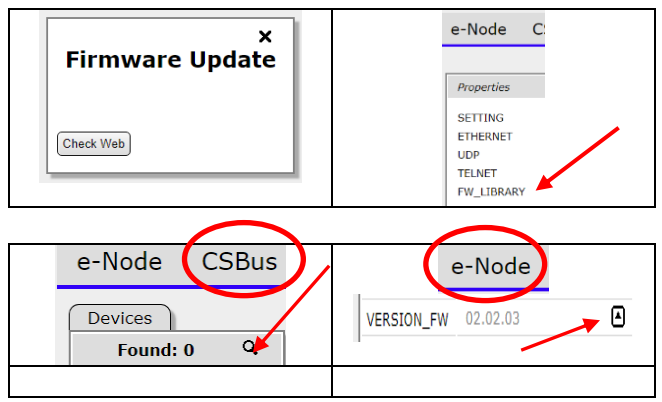
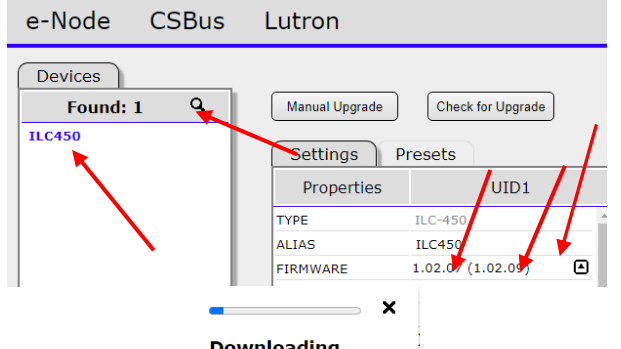


YOUR E-NODE MAY REQUIRE A FIRMWARE UPDATE BEFORE USE FOR BEST RESULTS

<p>Step E1.</p> <ul style="list-style-type: none"> -Power up your e-Node with supplied or recommended power (note observe proper polarity as marked on PCB under connector) -Connect your e-Node to your Internet-connected LAN using the on-board ethernet jack (only). Do not upgrade wirelessly. 	 <p>Note: If you have an e-Node configured with the optional WIFI adapter, use a hardwired Ethernet connection here ONLY for the upgrade.</p>																
<p>Step E2.</p> <ul style="list-style-type: none"> -On a Windows machine, select File Explorer (Windows 8 up) or Windows Explorer (<Windows 8) 																	
<p>Step E3.</p> <ul style="list-style-type: none"> -Navigate to Network -Click on the Refresh icon <p>Note: If you receive a message that File Sharing is not turned on, simply click that you want to turn it on (this turns on uPnP)</p> <ul style="list-style-type: none"> -Double click on discovered e-Node under Other Devices 																	
<p>Step E4.</p> <ul style="list-style-type: none"> -Once the e-Node web page launches, hover over the triple menu bar and pick Settings 																	
<p>Step E5.</p> <ul style="list-style-type: none"> -On the e-Node Settings page (default opened page), select the download icon and then after the pop-up appears select Check Web, and if the message “A more recent is available” select Web update. A progress bar will show the upgrade in process. Do not interrupt until done. Finally, the home page will auto-appear. <p>Note: Make sure if you are using Static IP addressing (rather than Dynamic) that you have set the GATEWAY_ADD (under e-Node/Ethernet window) to an applicable Gateway (i.e., generally the first three octets need to be identical to the first three octets of the STATIC_IP address set)</p> <table border="1" data-bbox="170 1375 462 1585"> <thead> <tr> <th>Properties</th><th>ETHERNET</th></tr> </thead> <tbody> <tr> <td>IP_ADD</td><td>192.168.10.13</td></tr> <tr> <td>DHCP</td><td>DISABLE</td></tr> <tr> <td>STATIC_IP</td><td>192.168.10.13</td></tr> <tr> <td>NETMASK</td><td>255.255.255.0</td></tr> <tr> <td>GATEWAY_ADD</td><td>192.168.10.1</td></tr> <tr> <td>MAC_ADDRESS</td><td></td></tr> <tr> <td>UPNP</td><td>ENABLE</td></tr> </tbody> </table>	Properties	ETHERNET	IP_ADD	192.168.10.13	DHCP	DISABLE	STATIC_IP	192.168.10.13	NETMASK	255.255.255.0	GATEWAY_ADD	192.168.10.1	MAC_ADDRESS		UPNP	ENABLE	 <p>You will receive a message “Writing Flash Do not power Off” – obey that warning. The unit will reboot.</p>
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<p>Step E6.</p> <p>Upon reboot, go to e-Node/Home Page and select Factory to reset your device.</p> <p>Note: If you are updating any version of FW prior to 02.03.21 you must perform the Factory reset. The Factory reset will delete any Alias name assigned, change any static IP addressing to dynamic and will flush any Lutron Table programming. In addition, it frees up memory to be used for the on-board storage of a firmware library for connected (ILC-xx0) controllers.</p>	<p>You have now successfully updated your unit and are free to continue commissioning your system</p>																

YOUR ILC-XXX MAY REQUIRE A FIRMWARE UPDATE BEFORE USE FOR BEST RESULTS*

Note: Must update e-Node 2010 fw to 2.3.21 or later FIRST to proceed

<p>Step L1.</p> <p>-Connect and power up any ILC-XX0 controllers to your already updated e-Node.</p> <p>Note: Make sure your e-Node is connected to the internet using the on-board ethernet RJ45 silver jack (only). Do not upgrade wirelessly.</p> <p>-Follow the directions for the e-Node update (Steps E2/E3/E4)</p>	 <p>Note: If you have an e-Node configured with the optional WIFI adapter, use a hardwired Ethernet connection here ONLY for the upgrade.</p>
<p>Step L2.</p> <p>-On the CS-Bus page, select the spyglass icon to search for all connected CS-Bus devices which will auto-appear within the Device window.</p> <p>-In order to refresh the on-board Library of all available firmware releases available, select Check for Upgrade button and wait for a few seconds while your on-board FW_Library data base is being populated (or repopulated) with your e-Node.</p> <p>-You will now see a new entry on the e-Node page entitled FW_Library.*</p> <p>-Provided the FW_Library entry appears (under e-Node) you all set to proceed. If the FW_Library entry does not appear here, you probably did not perform the Factory reset properly. Once again, select again the Factory Upgrade button on the e-Node page. After you do this, follow Step L1 and Step L2 again.</p>	
<p>Step L3.</p> <p>-Navigate to the CS-Bus Page</p> <p>-Select the first ILC-xxx that you wish to upgrade (ILC450 here)</p> <p>-If the FW_Library has been established/refreshed, you will see an entry by FIRMWARE in parenthesis which indicates the latest version available (1.02.09 here). The first value listed is what is currently installed within your ILC-xx0 (1.02.07 here). If you choose to upgrade, simply select the Download icon and wait for process to complete.</p> <p>Note: Do not remove power or interrupt upgrade.</p> <p>-Once complete, you may proceed to select any additional ILC-xx0 devices that you wish to upgrade (one at a time only).</p>	
<p>Step L4.</p> <p>-If presented with the option to Factory Reset or continue (w/o Reset) for each ILC-xx0, select the desired outcome.</p> <p>Note: the best upgrade can be obtained by selecting the Factory reset. (This will delete Alias name assigned, reset address back to 2.1.0, turn off Notify and change all LED Presets and Dissolve Rates! If you do not wish to reconstruct all of this, simple skip the Factory Reset choice and proceed.</p>	
Re-Flashing ILC-xxx Firmware	
<p>Note of Manual Upgrade</p> <p>-Occasionally there may be circumstances where during an upgrade, corruption of data might occur through some outside unexpected factors. Don't worry, you can "force" a firmware update by following some simple directions. See here for more information https://www.convergingsystems.com/bin/doc/technotes/reflashingilc_firmware.pdf</p>	