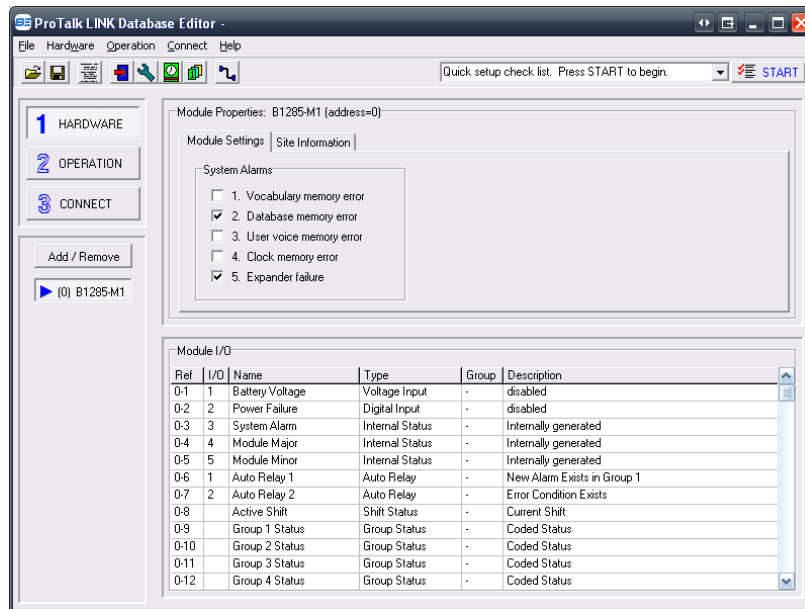


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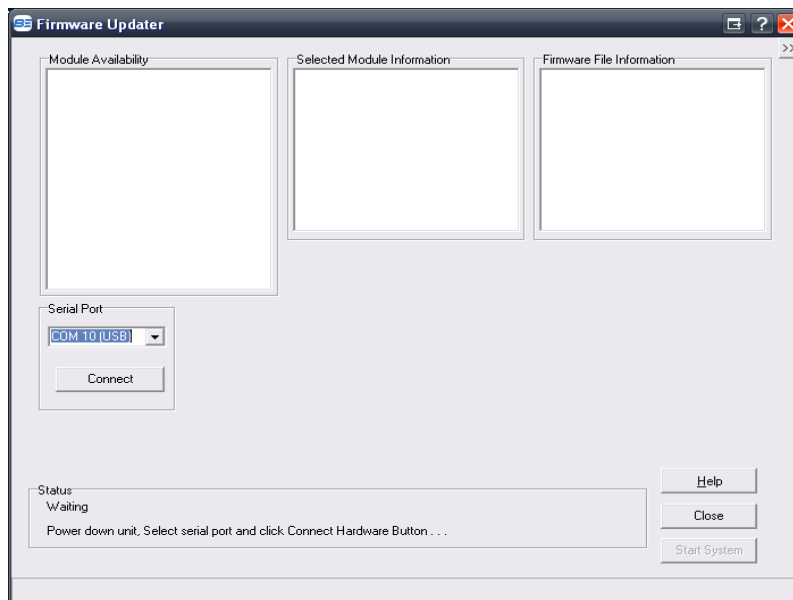
Firmware Update Tutorial

The ProTalk Link Firmware Update Tutorial will walk you through the steps needed to update your Link system to the latest firmware revision. Before you begin, make sure that the latest ProTalk Link Database Editor (programming software) has been installed on your PC (<http://barnett-engg.com/support/Software.aspx>). The latest .upg files for each of the modules in the system need be downloaded from our website as well (http://barnett-engg.com/support/Firmware_Updates.aspx). Updating the firmware will not affect the configuration. *If a module has 1.xx series firmware, the unit should be sent into Barnett Engineering for an update.*

Remove power from the Link, connect the program cable (USB/DB9) and open the programming software:



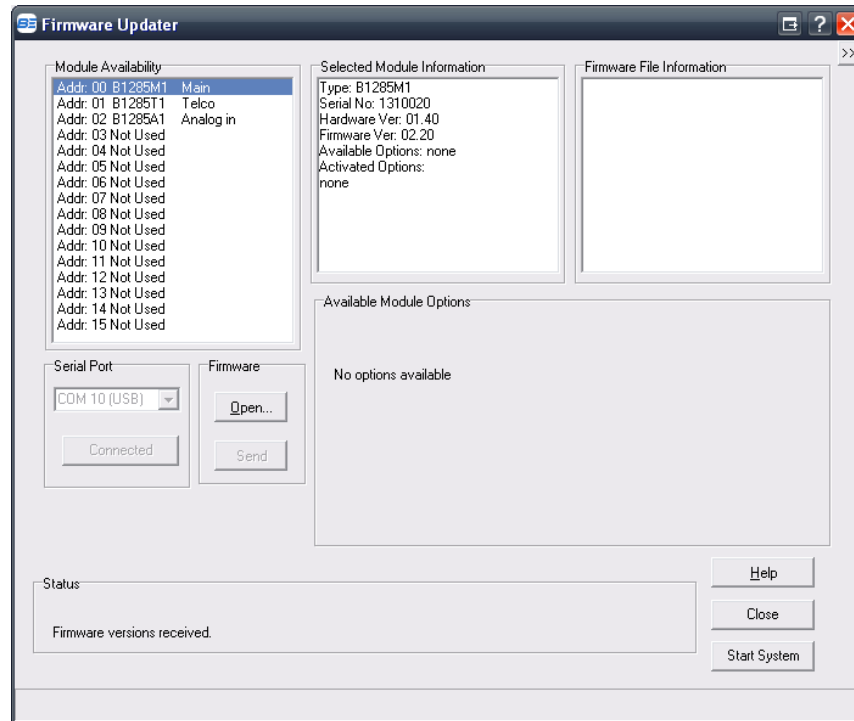
Under the 'File' heading, select 'Update Module Firmware:'



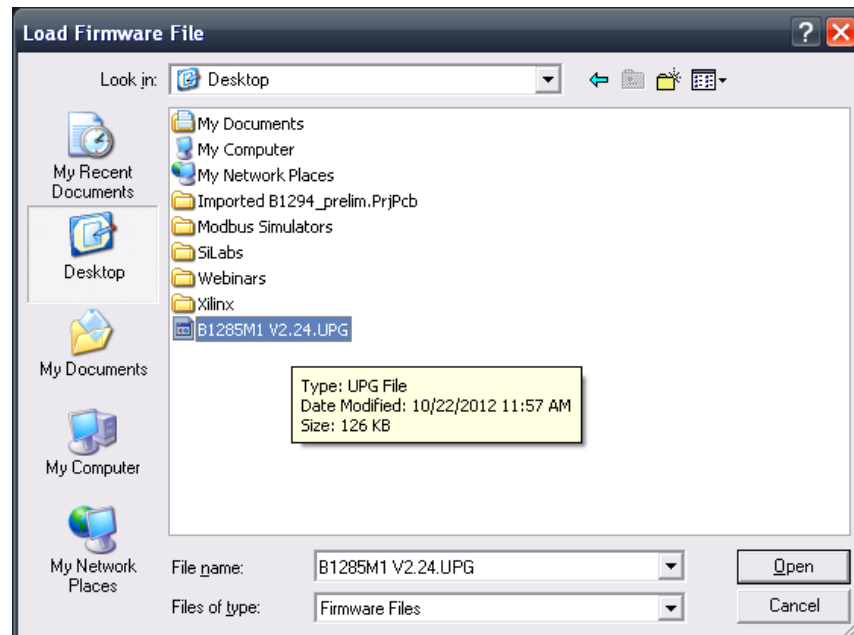
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Select the appropriate COM port in the drop-down-box (the port will already be selected if a USB cable is used) and press 'Connect.' Apply power to the M1 and the following window appears:



The M1 unit will automatically be selected by default and needs to be updated before the others. Press 'Open' and select the M1 .upg file from the location it was saved to earlier:

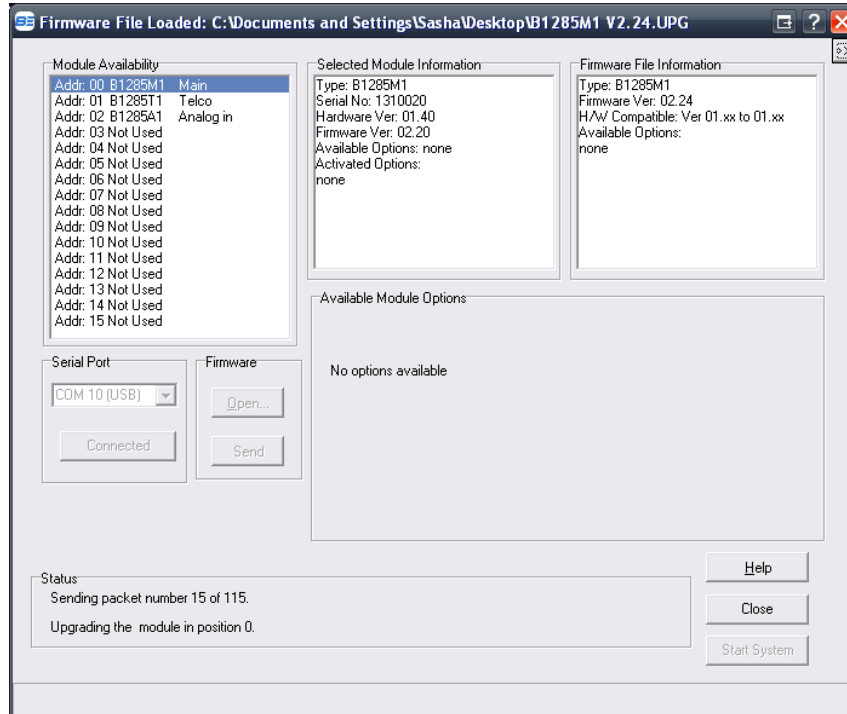


Press 'Send' and the transfer will begin:

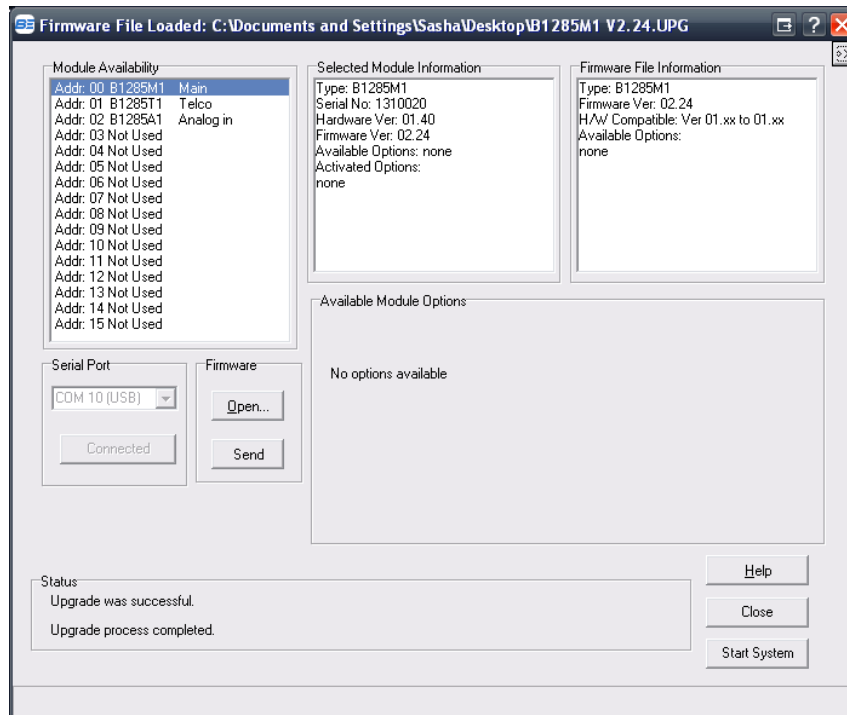


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Once the file transfer has completed, a message stating that the upgrade was successful will appear in the lower half of the window:



If another module needs to be updated, select it in the upper left-hand-side of the window and repeat the process, selecting the appropriate .upg file for the module(s). Once the modules have been updated, press 'Start



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System' in the lower right-hand-side of the window to reset the system (or cycle the power). The update is complete.

If the M1 firmware is older than 2.20, the vocabulary (canned voices) needs to be updated. Press the 'Vocabulary' button and then 'Send.' Click on 'Yes' for the following two windows that pop-up. The software will automatically default to the directory with the proper file. Select voc85.bin and the transfer will begin. Updating the vocabulary will not affect the user recorded voices.

