thinklogical TLX CATx Extender FPGA Program Code Update Procedure

The following procedure documents the process for updating the FPGA Program Code, using a Windows-based computer, for TLX10 and TLX20 CATx Extenders Modules



STEP 1: FPGA Update Preparation: Please contact your thinklogical Sales Representative or Customer Service (1-203-647-8700) for access to the FPGA Download Update application and firmware.

STEP 2: Install the provided FPGA Download Update application on the system's CPU.

STEP 3: Save the FPGA program code update file provided by Thinklogical to a known location on the CPU. The program code update file will have a file extension of ".lbf". This is the file that will be retrieved in Step 9.

STEP 4: Connect a USB mini-B cable from the Update Port of the TLX10 or TLX20 chassis to the CPU. (When connecting Thinklogical equipment to your PC for the first time, it may take a few moments for Windows to correctly install the required drivers.) Open the Windows Device Manager to check that all drivers are installed correctly.







STEP 6: Once the drivers are installed, go to the Start menu and choose: Start → All Programs → FPGA Download → FPGA Download. The window above will appear. Select Identify Product.



STEP 7: If you do not see CATX_TX, call Thinklogical for assistance. Otherwise, select Open File.



STEP 8: A window similar to this will open. As shown, there is only one firmware option for each of the CATX Extender Transmitters. To upgrade the Tx, select the file and click OK. as shown above.

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\rightarrow	tlx_catx_tx_fpga_sw.lbf	6/23/2016 9:32 AM	LBF File

box similar to this will appear. Navigate to the folder with the re files from Step 3 (tlx_catx_tx_fpga_sw.lbf). The ady be populated with the correct file name. Click Open. This ately 10 minutes. The Upgrade window will open again.



open File and repeat the previous steps to update the RX to move the USB cable to the Receiver's Update Port.

the new firmware active, cycle power to the unit by ring and reinstalling the power cord.

If you have any problems or questions, please call thinklogical for help: 203-647-8700



