



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	Initial Revision	5/17/2007	FLS

DWG No.: AN2007002	Rev -
TITLE: UPDATING NXIC-CTD FIRMWARE	
Falmouth Scientific, Inc. 1400, Route 28A Cataumet, MA 02534 USA	Tel: (508) 564-7640 Fax: (508) 564-7643 www.falmouth.com



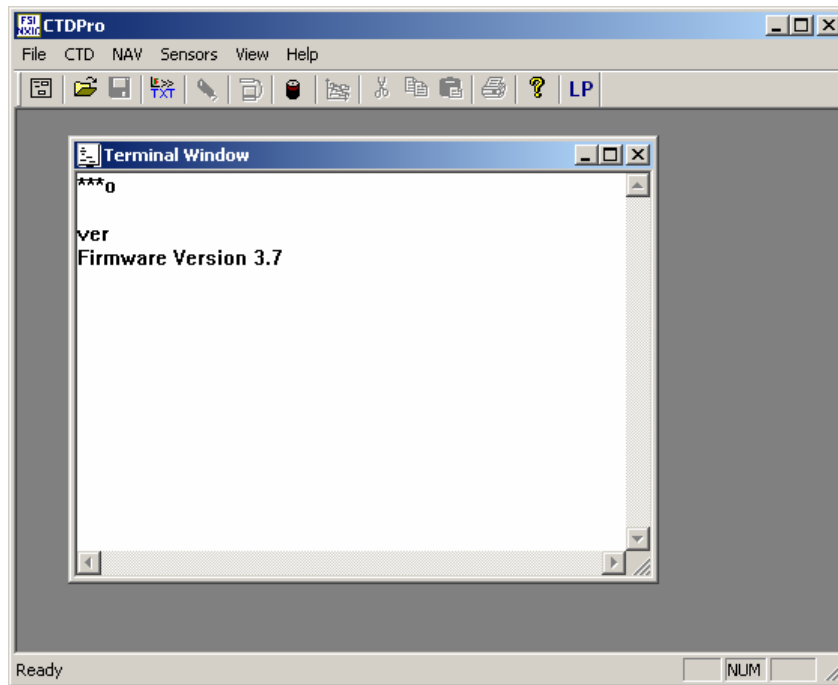
UPDATING NXIC-CTD FIRMWARE

1. PURPOSE OF APPLICATION NOTE

The purpose of this Application Note is to give directions on how to update the firmware for your NXIC series instruments

2. DESCRIPTION

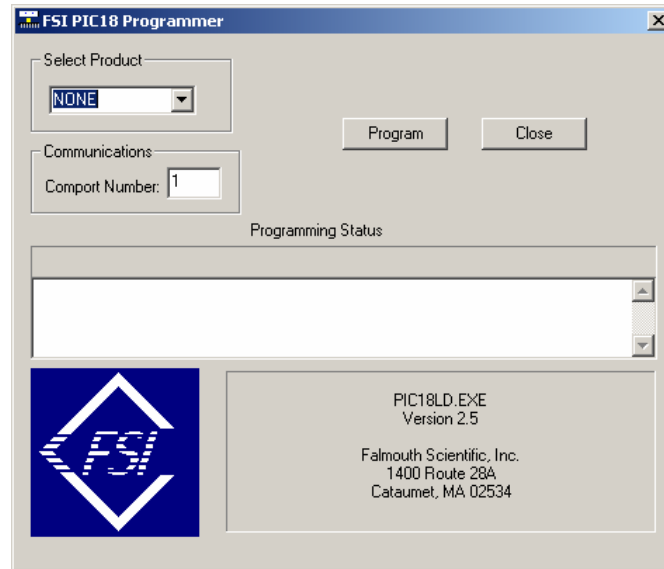
With these steps, you will update the firmware version on your NXIC to our current release firmware version. If you currently have a firmware version earlier than version 3.0, please contact FSI for assistance. To determine what firmware version your NXIC unit is currently running, open the terminal window in CTDPro while communicating with the NXIC unit. Enter Open mode (**O), and type VER. Press Enter, as shown in the screen shot below.



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1. Copy PK18.zip to your desktop from the following ftp site:
<ftp://ftp.falmouth.com/Firmware/>
2. Create a folder named 'Pic18Ld' on your desktop and unzip all of the contents of PK18.zip into this folder. You can download a trial version of WinZip from the following web site: http://winzip.com/prod_down.htm
3. Set the baud rate of the NXIC to 9600 baud by using CTDPPro.
4. Run, Pic18Ld.exe, from the folder named 'Pic18Ld'. The following window should open.



5. Set 'Select Product' to 'NXIC-CTD' and select the comport that your NXIC is connected to.
6. Click on the 'Program' button and wait until the 'programming status' meter is full (this takes roughly 5 minutes)
7. A window that reads 'Programming complete' will pop up. Click 'OK' on this window and then click on the 'close' button on the Pic Loader window.

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If you have any questions, please contact Mike Lima at Falmouth Scientific, Inc.

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