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## Application Note: AZD005

### IQ Switch® - ProxSense™ Series

Updating Firmware on Configuration Tool CTxxx (WinXP)

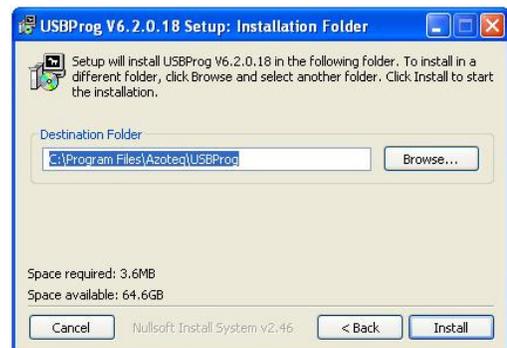
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#### Steps to Update Firmware on CTxxx (Configuration Tool):

1. Install USBProg vx.xx.exe (vx.xx is USBProg version, use v6.2.0 or later).
  - On install, the window shown below will appear, click “Next”.



- Select the destination folder and click “Install”



The latest version of USBProg.exe can be downloaded from [www.azoteq.com](http://www.azoteq.com)

2. Connect CTxxx to computer via USB (xxx is Configuration Tool hardware version)
  - ❖ Installing USB device (once off, proceed to step 3 if USB driver is already installed)
    1. A Bubble will appear “Found new Hardware”.
    2. A Menu will appear: “Found new Hardware Wizard”.
      - a. Select “No, not this time” on first page and click “Next”.
      - b. Select “Install from a list or specific location” and click “Next”.



- c. Select **“Search for the driver in these locations”**.
  - i. Click **“Include this locations in the search”** (only option selected).
  - ii. **“Browse”** to directory in which USBProg is located (.../USBProg/Update Driver) and click **“Open”**.
  - iii. Click **Next**.
- d. Click **FINISH**.

3. Open **USBProg.exe**

4. i) Select **“Configuration Tool Firmware Update”** OR

ii) Select your current Azoteq device (this has no effect on the firmware update)

- Select **HELP -> FIRMWARE UPDATE** from top menu.
- A window will appear displaying the message **“Azoteq device in DFU Mode Detected – Ready to Continue...”**



5. Click **“Upgrade...”**

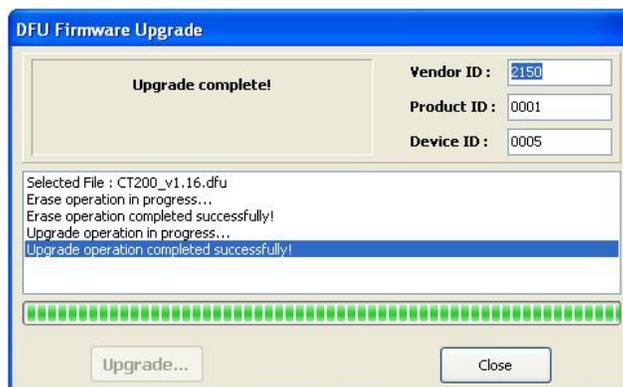
6. Browse to directory in which USBProg is located (.../USBProg/CTxxx Firmware/).

7. Select file: **CTxxx\_yyy.dfu** (where xxx is CT version and yyy is Firmware description)

8. Click **“Open”**.

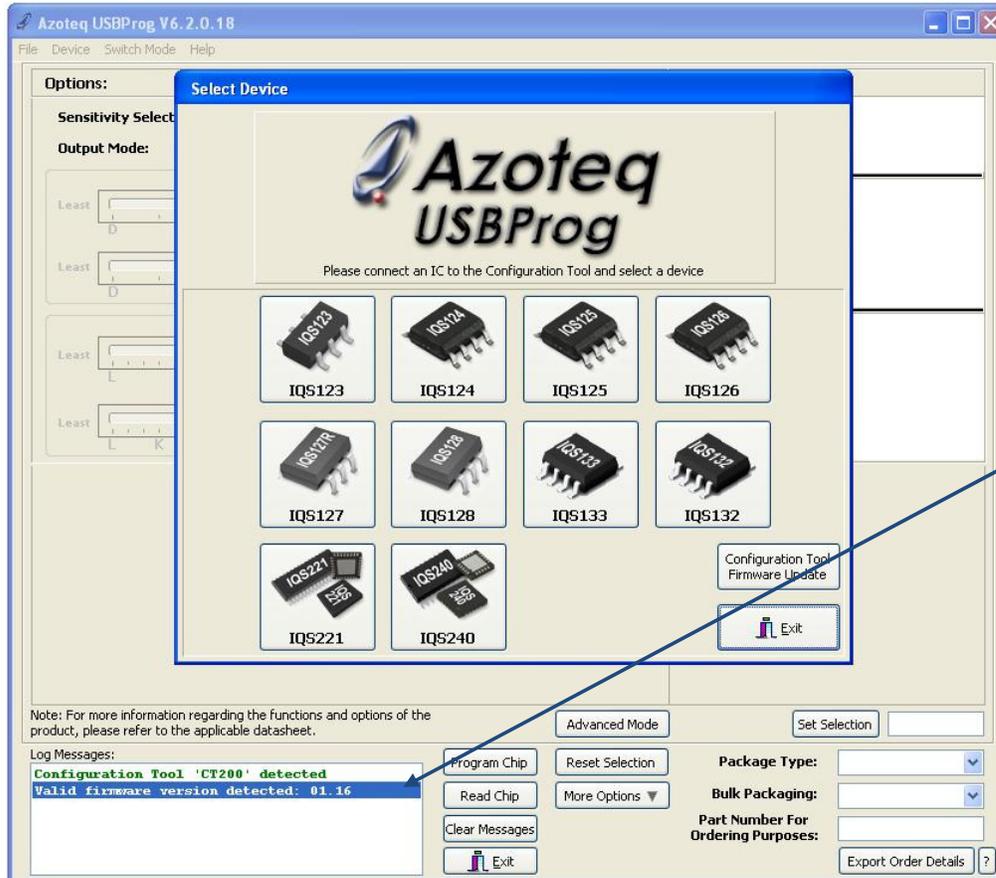
9. Programming should commence and finish in approximately 30 seconds.

10. **“Upgrade complete!”** message is displayed.





11. Click “Close”.
12. Restart USBProg.exe
13. “Valid firmware version detected” should be displayed in message bar in USBProg.exe



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