

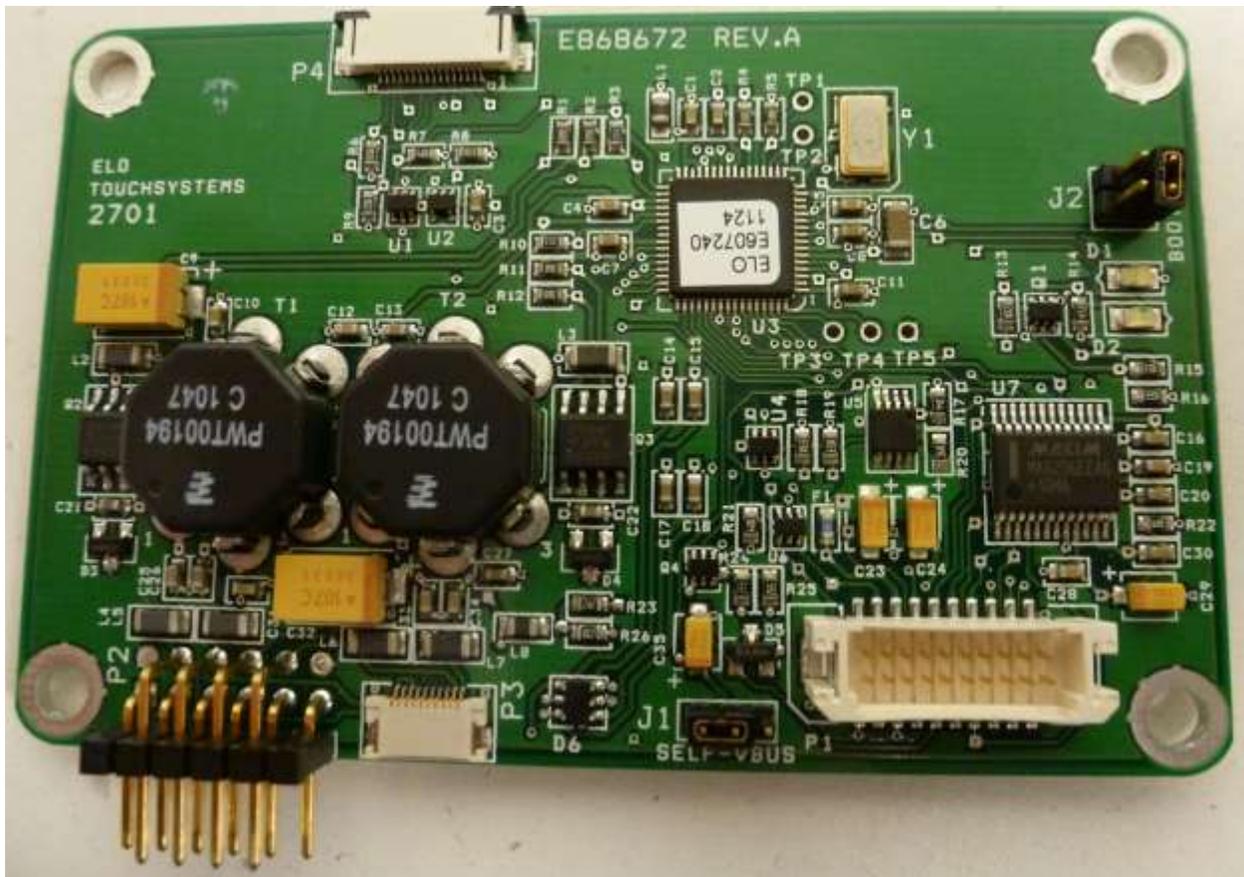


## Elo Touch Solutions

### Updating Firmware Elo IntelliTouch 2701 Controller

TSXXXXXX Rev A

Solutions Architect of Technical Services



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# About This Manual

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This document guides the user through updating the firmware in an Elo IntelliTouch 2701 Controller.

The intended audience of this document includes: IT engineers, system engineers, electrical engineers, and end-users.

If after reading through this guide, you still have questions or need help getting your system up and running, please contact an Elo Touch Solutions Technical Representative. [www.elotouch.com](http://www.elotouch.com)

# Tools Needed

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The following hardware and software is needed:

## Hardware:

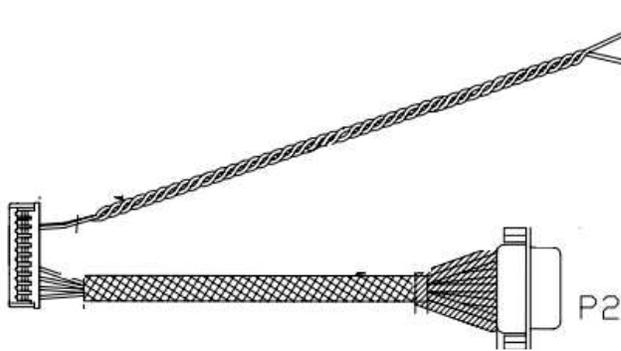
- PC with serial connection running on Windows 2000/XP/Vista/7 32 bit
- Free serial port, in this example COM3
- Standard RS232 Serial cable
- Elo Wiring Harness – P/N: D16890-000
- +5VDC Power Source
- Elo 2701 Touch Controller

## Software:

- Firmware update utility: FwUpdate 1.12 (file fwupdate.exe)
- Firmware 2.4 (file FIRMWARE\_2.4.BIN)

# Procedure

1. Clip off P3 connector on Elo Wiring Harness P/N: D16890-000 to use as flying leads and connect leads to a +5VDC Power Source.



**Clip off P3  
connector  
to connect  
flying leads  
to a +5VDC  
Power  
Source**

2. Connect one end of an RS232 Serial cable to available COMPORT on the PC and the other end to the serial connector on the Elo Wiring Harness.



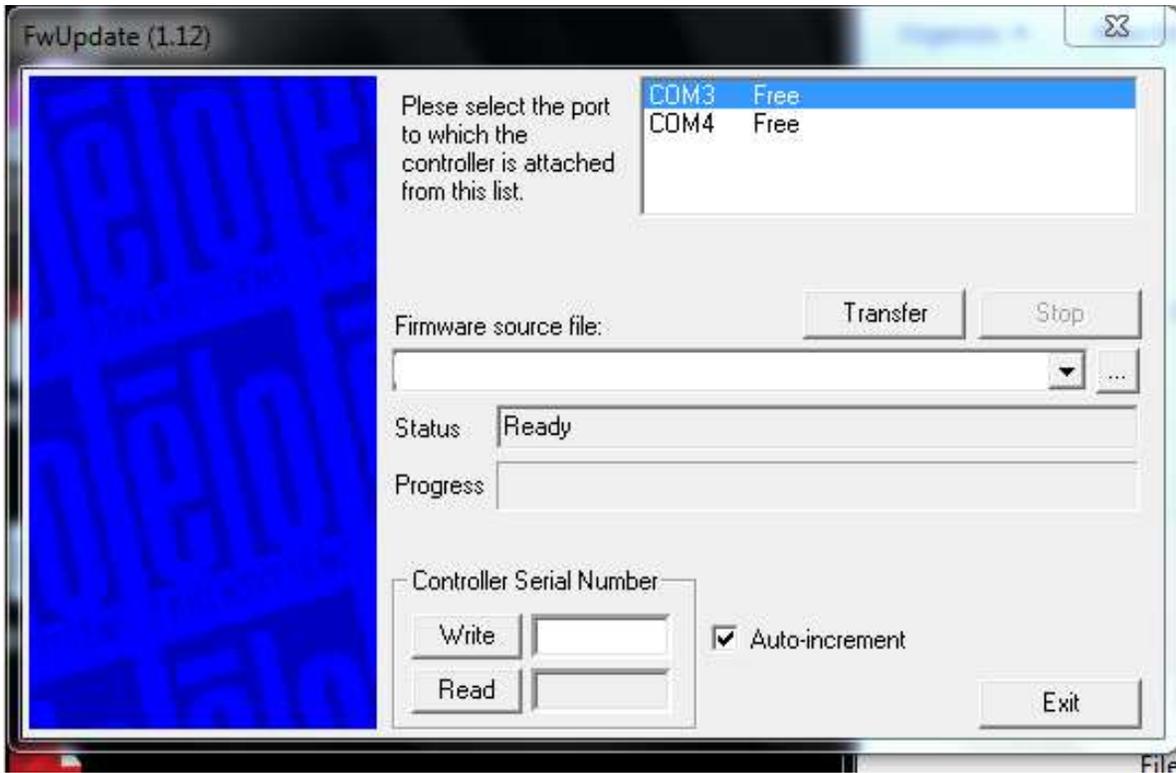
3. Connect the 2 X 20 Connector from the Elo Wiring Harness to the mating connector on the 2701 Controller. The LED's on the controller should now be blinking green.



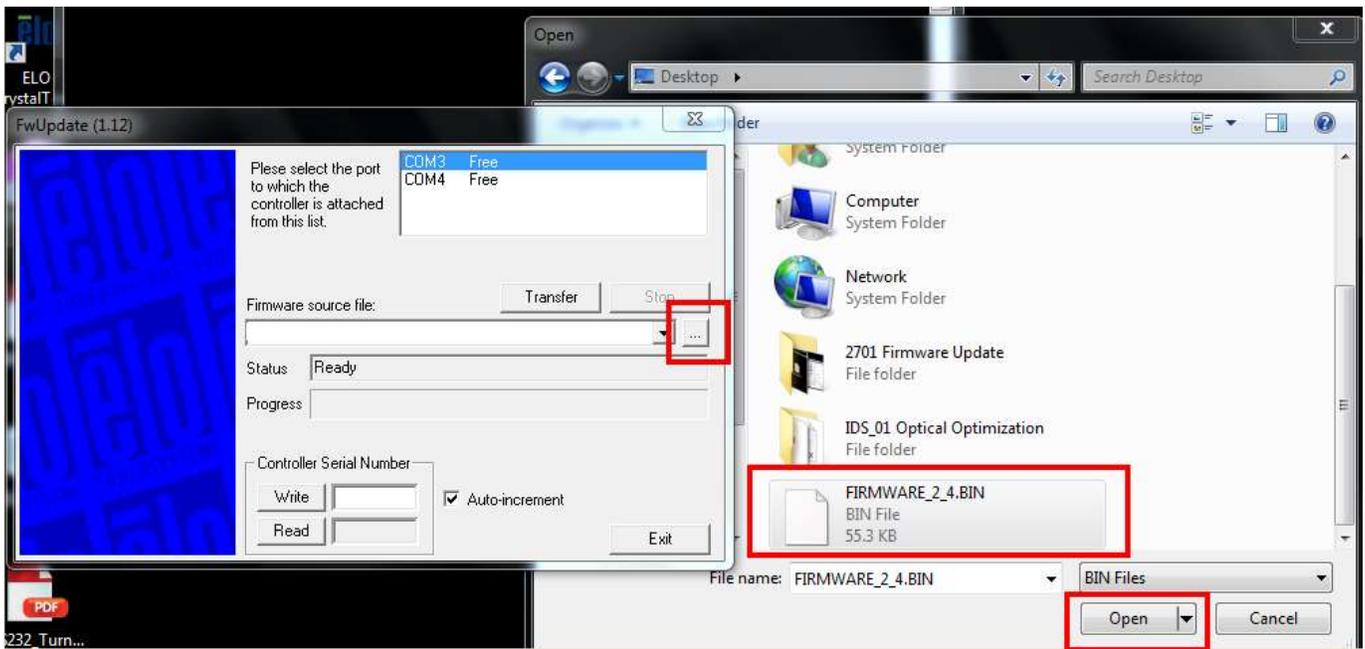
4. Download all required software:
  - Save **fwupdate.exe** and **FIRMWARE\_2.4.BIN** to location on pc, preferably the desktop and double click the **fwupdate.exe** to execute the program.



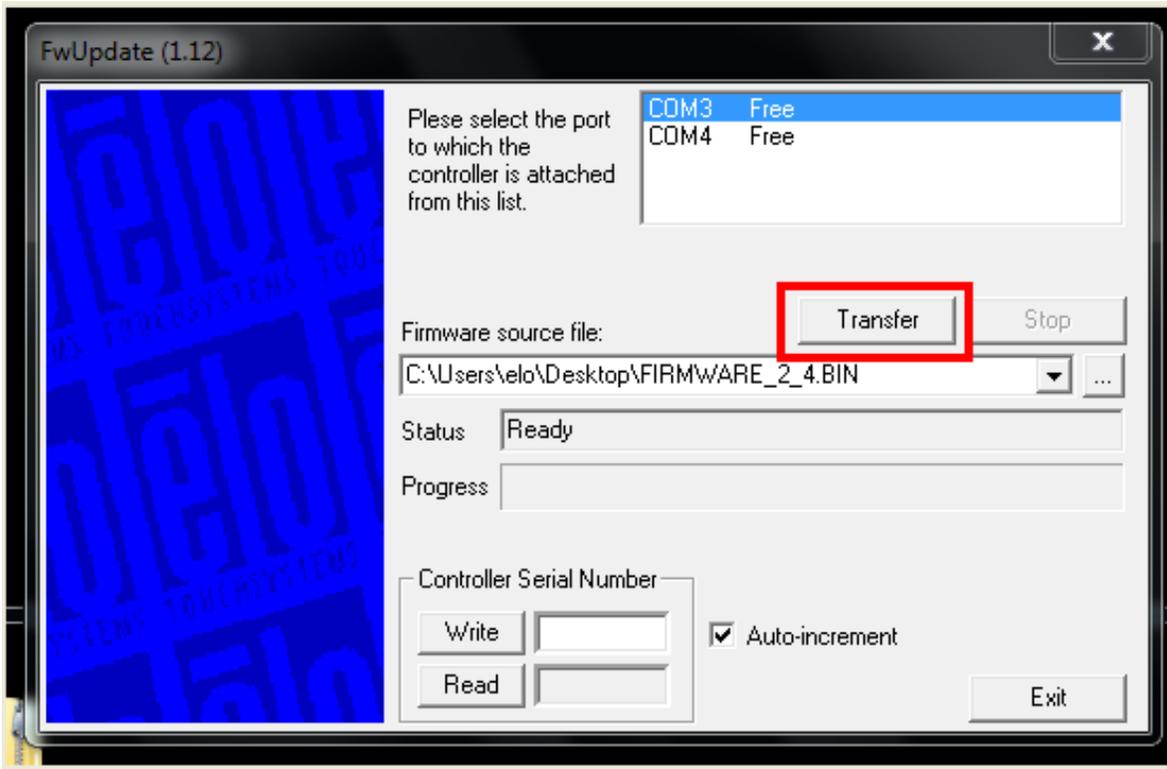
5. Choose the correct comport (in this example we used COM3)



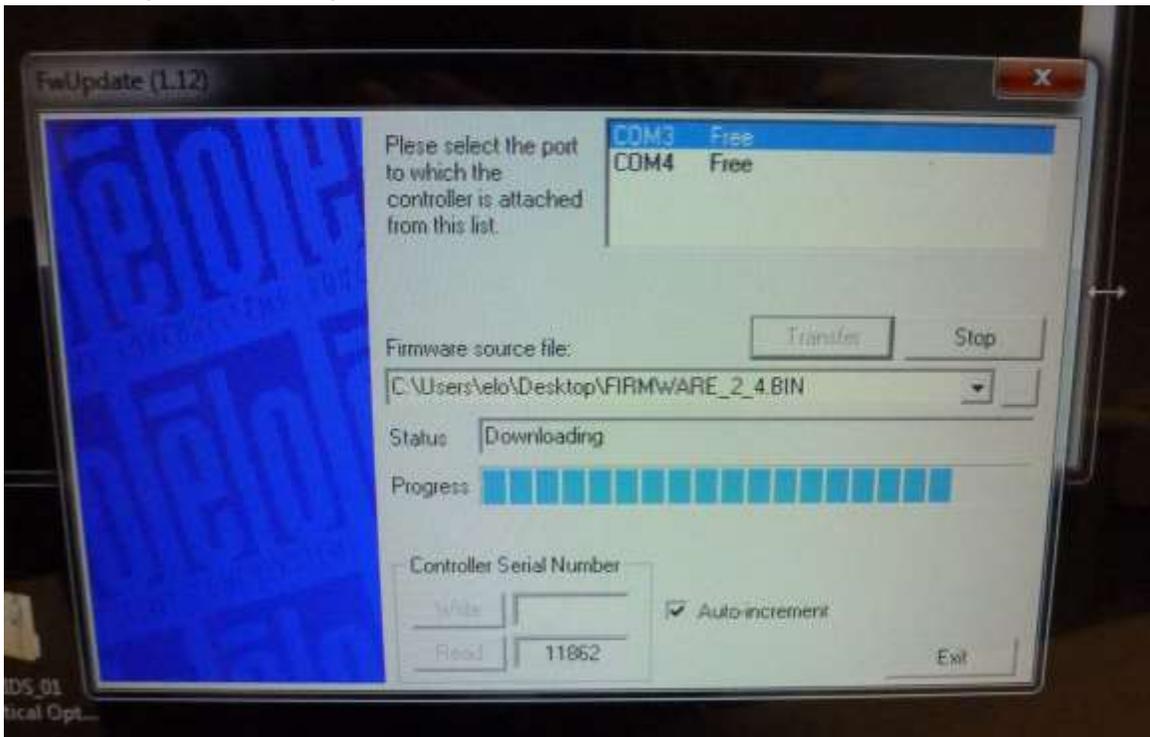
6. Click on the browse button, navigate to the location of the FIRMWARE\_2\_4.BIN file, and choose "Open"



7. Click on the “Transfer” button to begin the update.

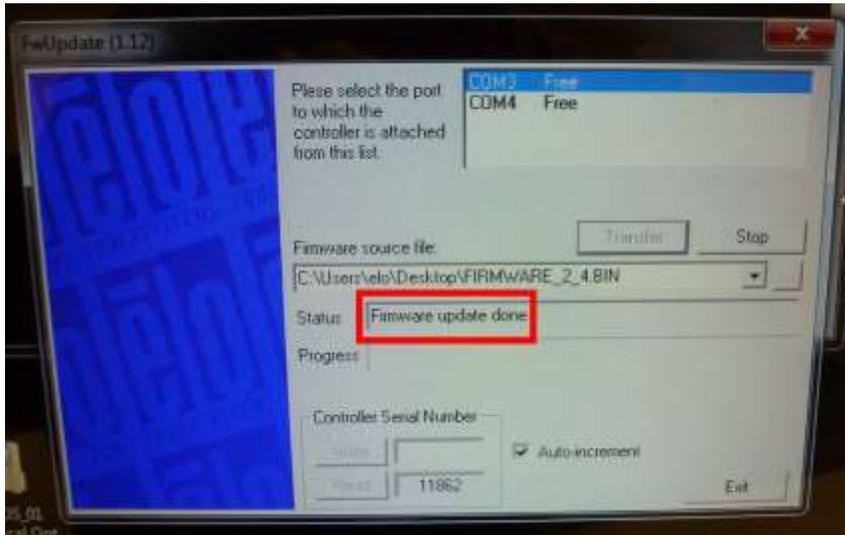


Wait for the update to complete, **DO NOT INTERRUPT THE UPDATE!!!**

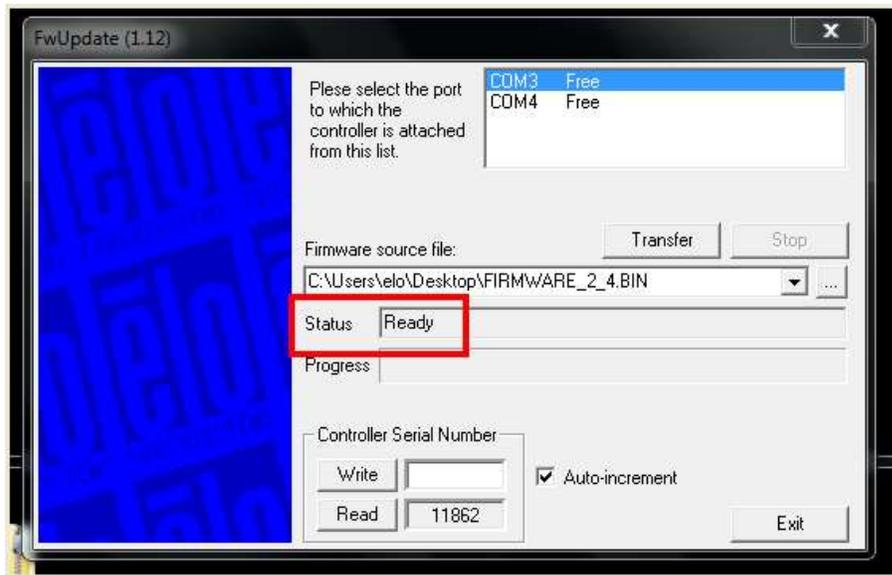


8. During the update you will see the following events in the Status window:

1. **Attempting to communicate**
2. **Entering Boot Mode**
3. **Erasing Controller Memory**
4. **Downloading**
5. **Download Done**
6. **Firmware Update Done**
7. **Ready**



Do not interrupt the update or detach cables until the Status window indicates “**Ready**”



9. After Firmware update has completed and status indicates “Ready” you can remove the Elo Wiring Harness connector from the controller and proceed with updating another controller.

Check out our website

**[www.elotouch.com](http://www.elotouch.com)**

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