

# GlobalMed® ClinicalAccess® Station PDB Update

Use these instructions to install the latest Power Distribution Board (PDB) software and firmware. The installer works on machines with either Windows® 7 or 10.

## Questions? Contact GlobalMed Support:

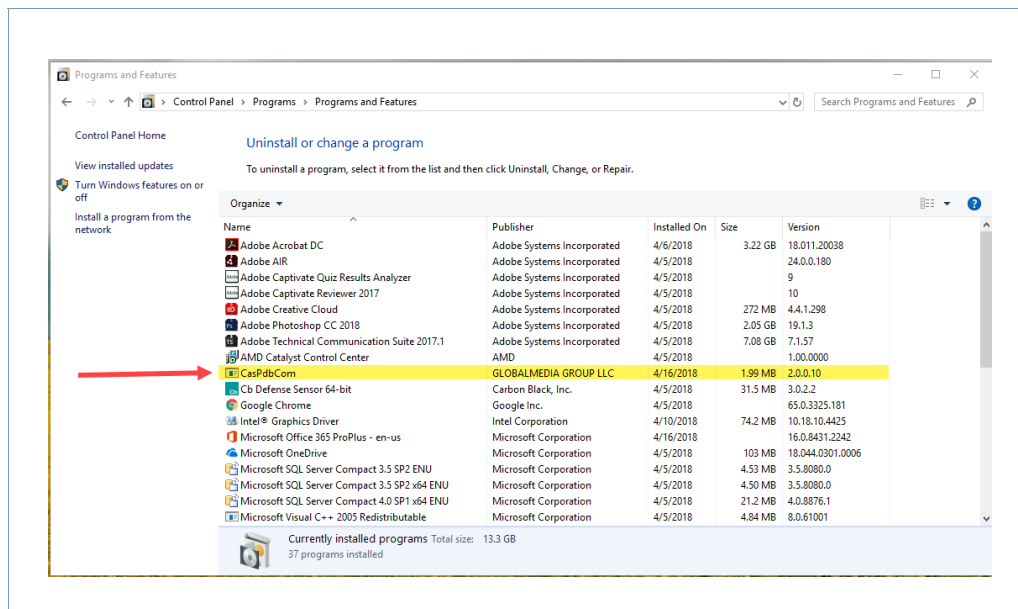
1-800-886-3692, option 2  
help@globalmed.com

NOTE: CAS carts shipped with a DELL 7050 PC may pop up a notice the PC is being throttled back to 800Mhz. If you receive this notification, please contact GlobalMed support for a custom BIOS update.

## Installer Instructions

1. Go to <https://www.globalmed.com/support/downloads/>.
2. Under ClinicalAccess® Station download the installer titled **CASPDB Installer v.2.0.15.2**.
3. Once downloaded, move the installer to the desired location on your machine.
4. Uninstall any older versions you may have:
  - a. Open the **Control Panel**.
  - b. Navigate to the **Programs and Features** screen.
  - c. Right click on the program titled **CasPdbCom** and click **Uninstall** (see [Figure 1](#)).

*Figure 1 Uninstall older versions*



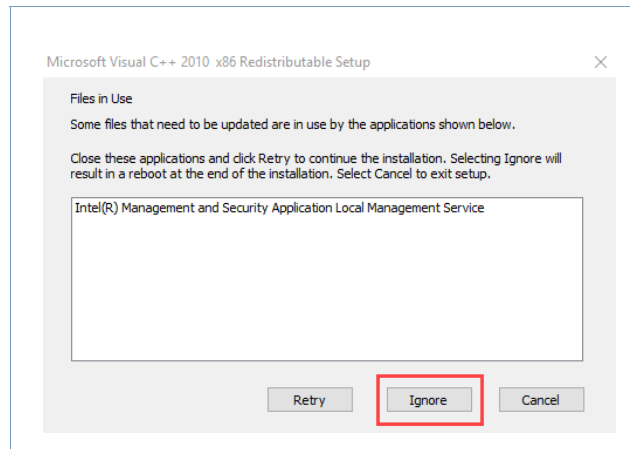
5. Within the new installer file, right click on the application titled **CASPDB Installer v.2.0.15.2** and click **Run as administrator**.

NOTE: If you are using a Windows 7 machine you will be prompted to install either a GlobalMed or Texas Instruments driver, depending on your firmware version. Allow the driver to install.

6. Once the installer has finished running the CAS lock icon  appears in the taskbar.

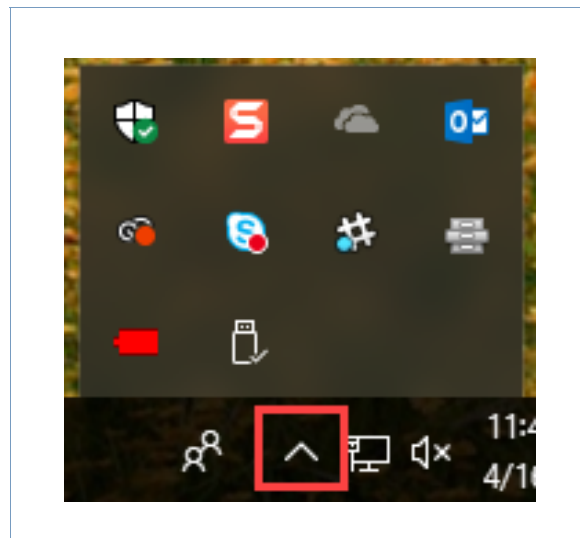
**NOTE:** During the installation process you may see the below pop up, or similar. Click **Ignore** (see [Figure 2](#)).

*Figure 2 Click ignore*



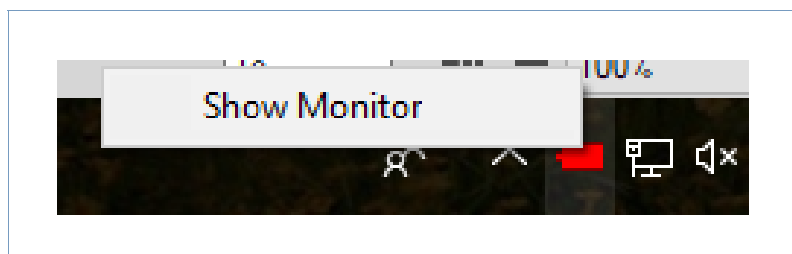
7. Click the up arrow located on the right of the taskbar to show hidden icons (see [Figure 3](#)).

*Figure 3 Click the arrow*



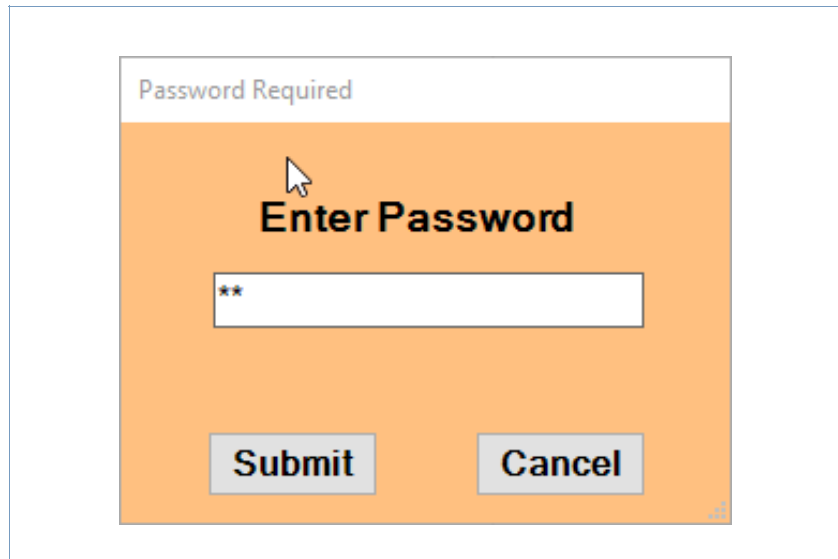
8. Click the battery icon and drag it down to the taskbar.
9. Right click the battery icon and select **Show Monitor** (see [Figure 4](#)).

*Figure 4 Click show monitor*



10. Enter **su** in the password prompt and click **Submit** (see *Figure 5*).

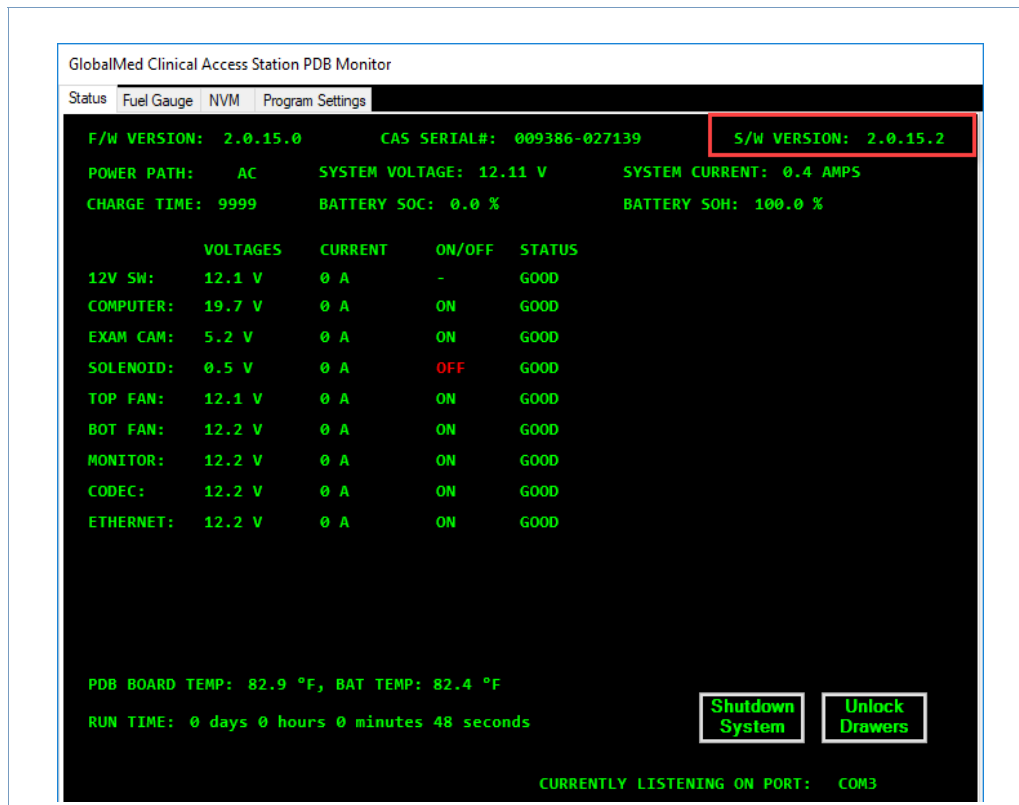
*Figure 5 Password prompt*



11. The **PDB Monitor** window appears. Verify the **S/W Version** shows **2.0.15.2** (see *Figure 6*).

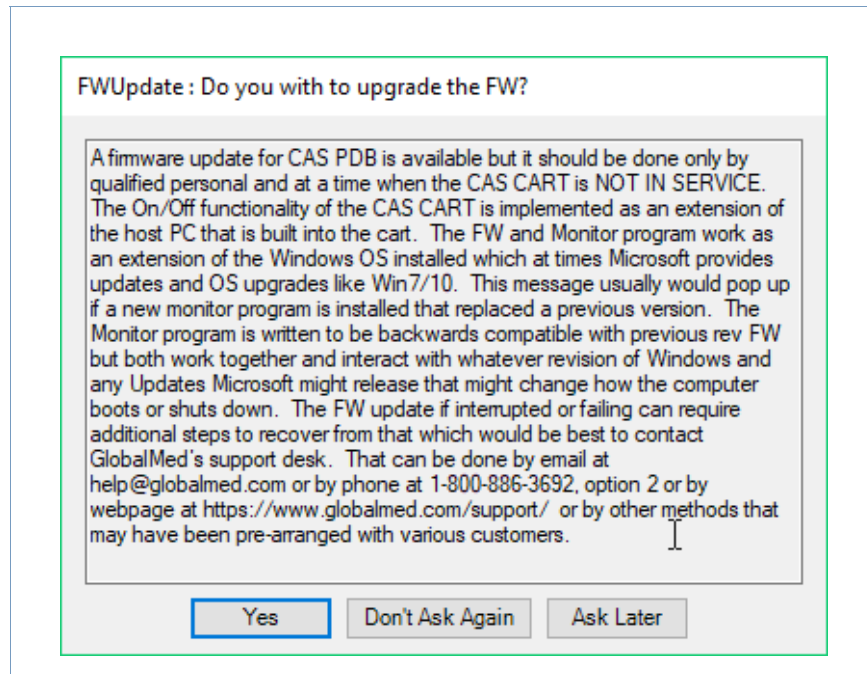
**NOTE:** The **F/W Version** will still show the old firmware version number you may have had on the machine.

*Figure 6 Verify software status*



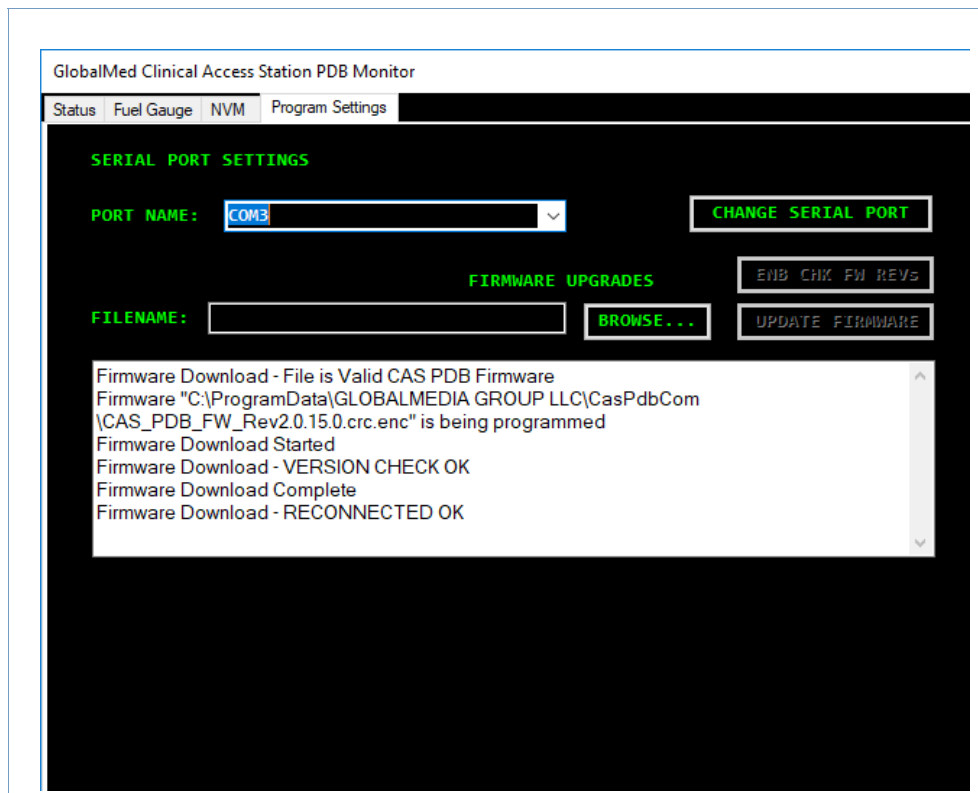
12. A window appears shortly after opening the PDB Monitor window prompting you to update the firmware. Click **Yes** (see *Figure 7*).

*Figure 7 Click yes to update firmware*



13. Click the **Program Setting** tab to see the status of the firmware update in the text box (see *Figure 8*).

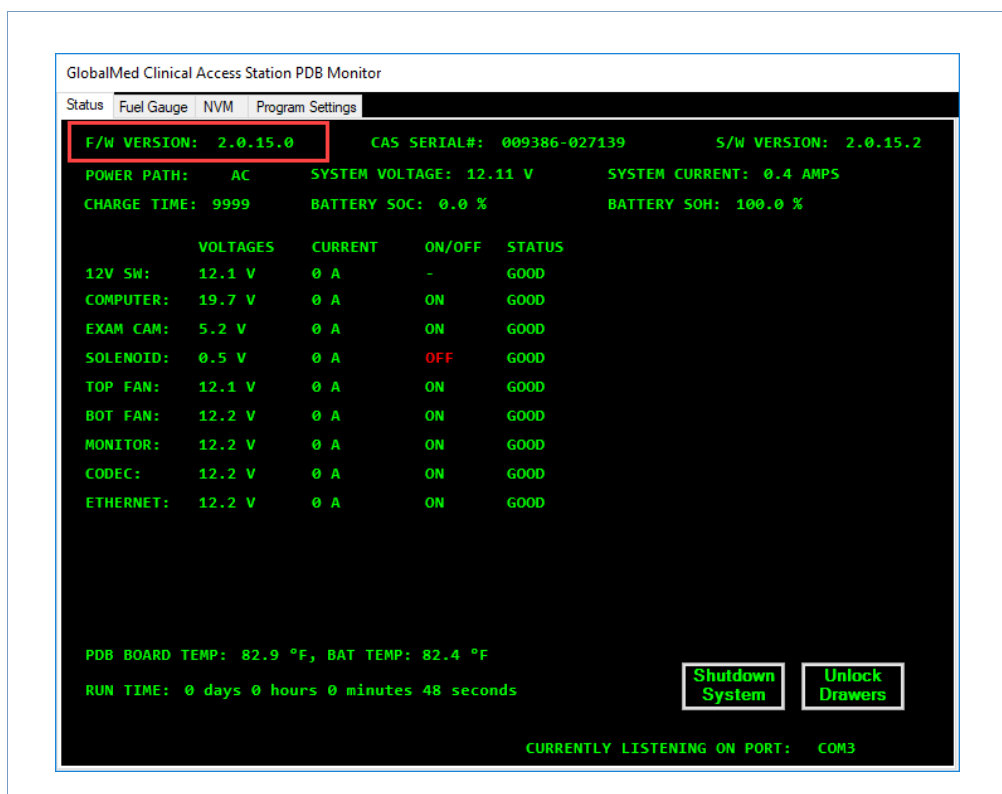
*Figure 8 Completed firmware update*



14. Once the firmware has update, click the **Status** tab.

15. Verify the **F/W Version** shows **2.0.15.0** (see [Figure 9](#)).

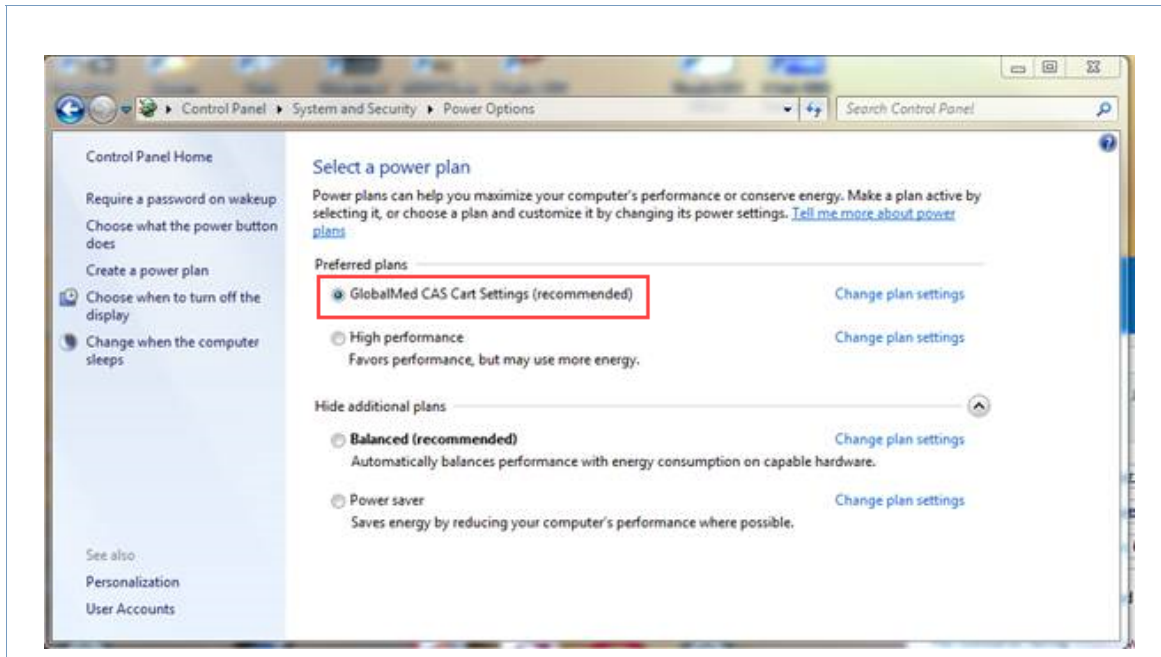
*Figure 9 Verify firmware update*



16. Right click on the battery icon and click **Hide Monitor** to close the PDB Monitor window.

- As part of the installation process the recommended power plan for the CAS cart is installed. You can navigate to **Control Panel > System and Security > Power Options** to view it and it should be installed and selected (see [Figure 10](#)).

*Figure 10 Power options*



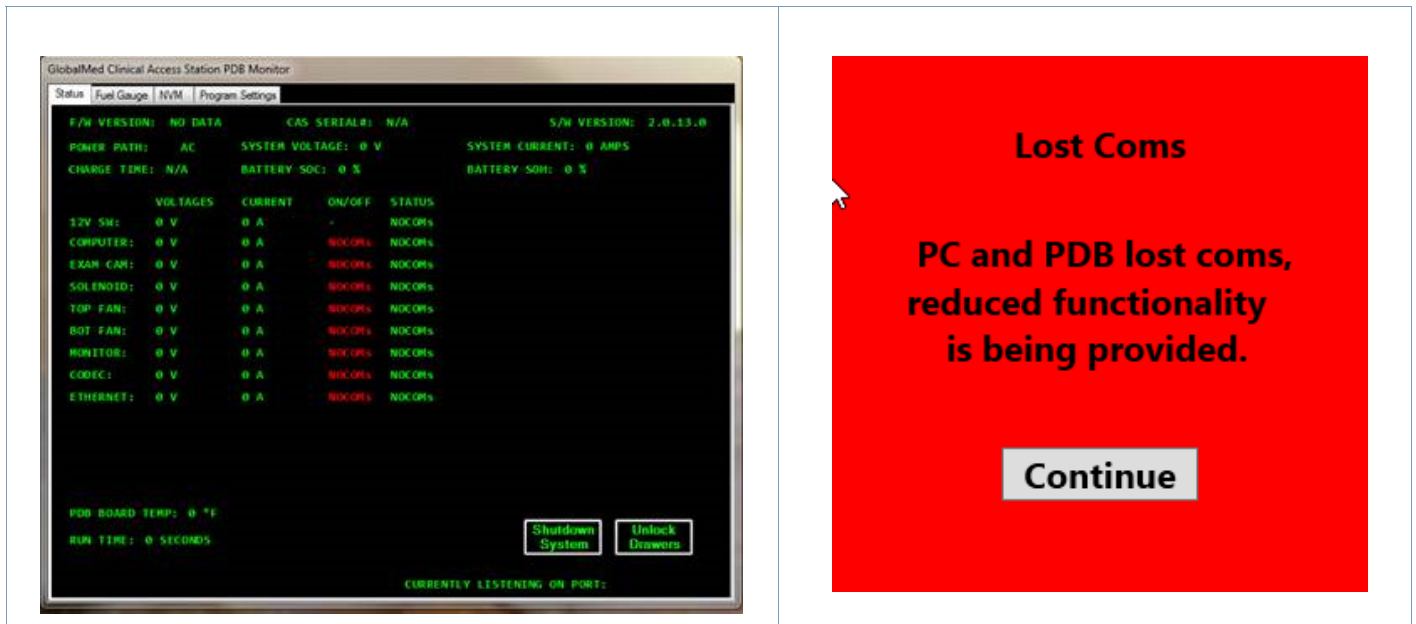
**NOTE:** After installation, it may be necessary to restart the computer to reconnect the PDB to the computer.

## Troubleshooting for Windows 7

For Windows 7 machines new GlobalMed or Texas Instruments drivers are installed.

- If the **ON/OFF** column of the **Status** tab is in red as shown in [Figure 11](#), and the Lost Coms dialog pops up the driver may have been installed by the OS incompletely.

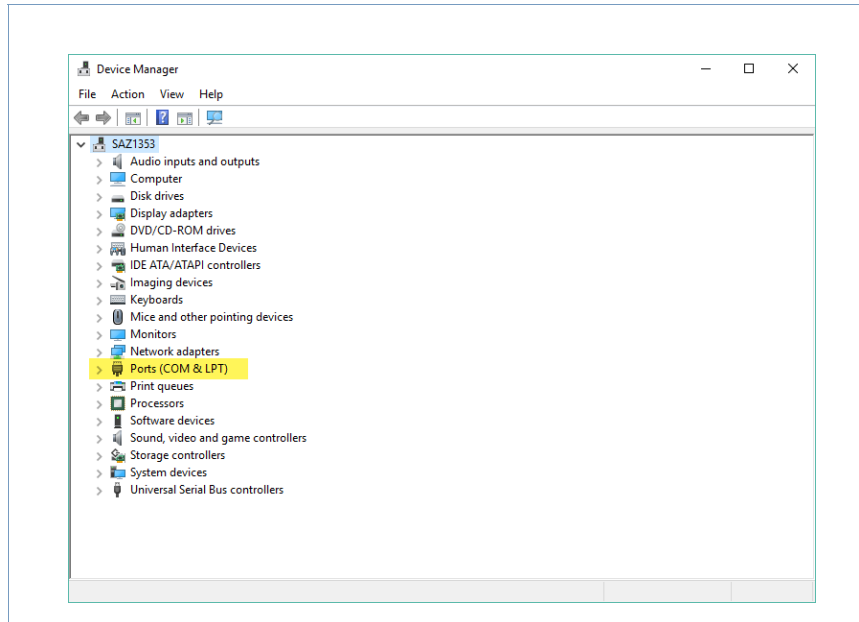
*Figure 11 Failed driver installation*



- Restart your computer. Check the **Status** tab, if the **ON/OFF** column is still showing in red continue with step 3.
- The driver must then be uninstalled, deleted and then reinstalled.

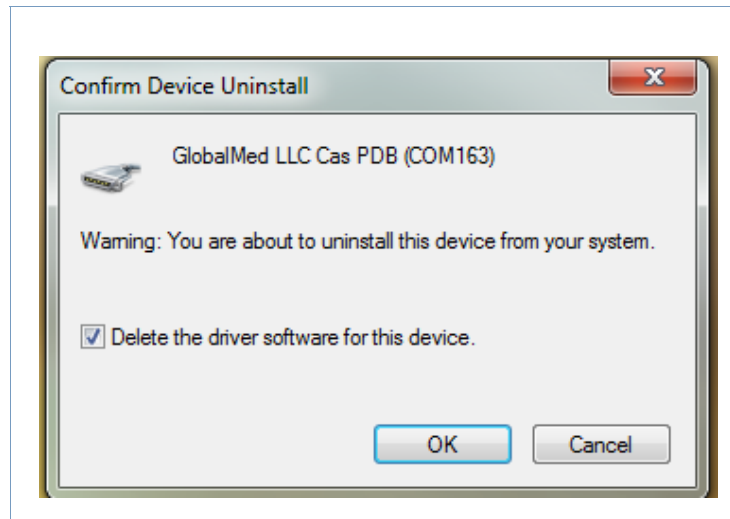
4. Open the **Device Manager** in Windows.
5. Expand **Ports (COM & LPT)** (see [Figure 12](#)).

*Figure 12 Expand Ports*



6. Right click on **GlobalMed LLC Cas PDB (COM163)** or **TIMSP430 USB (COM163)** and click **Uninstall**.
7. Select **Delete the driver software for this device** and then click **OK** (see [Figure 13](#)).

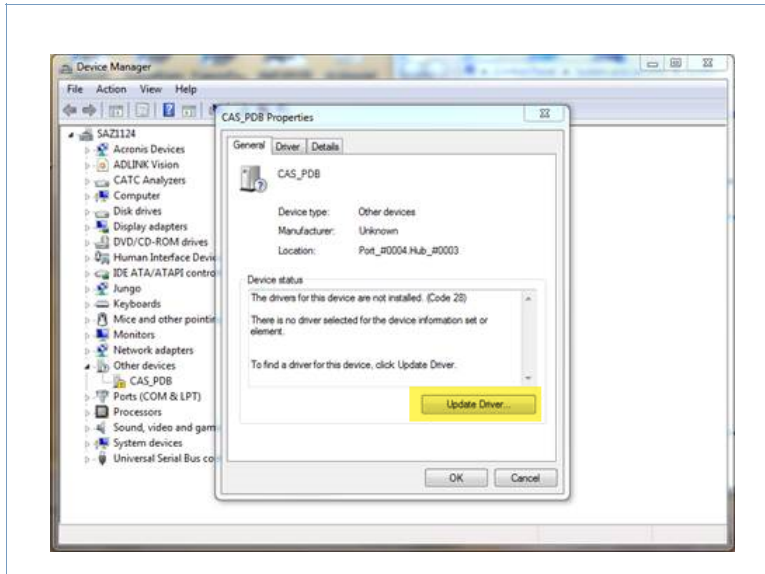
*Figure 13 Delete driver software*



8. To reinstall, right click on **Ports (COM & LPT)** and select **Scan for hardware changes**.

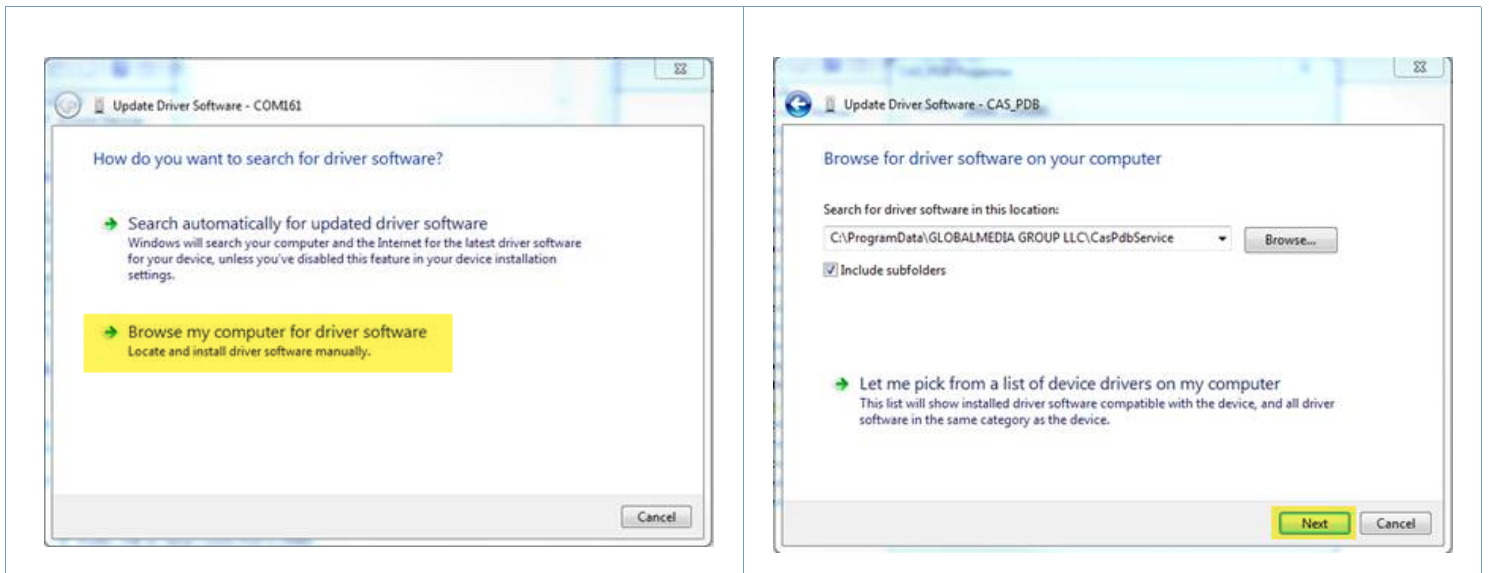
9. When the driver is detected and new window appears, click **Update Driver** (see *Figure 14*).

*Figure 14 Update Driver*



10. Click **Browse my computer for driver software**. Once the driver is detected, click **Next** and allow the driver to update (see *Figure 15*).

*Figure 15 Browse for driver software*



11. Check the **Status** tab of the PDB Monitor program to make sure the installation was successful.