

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:

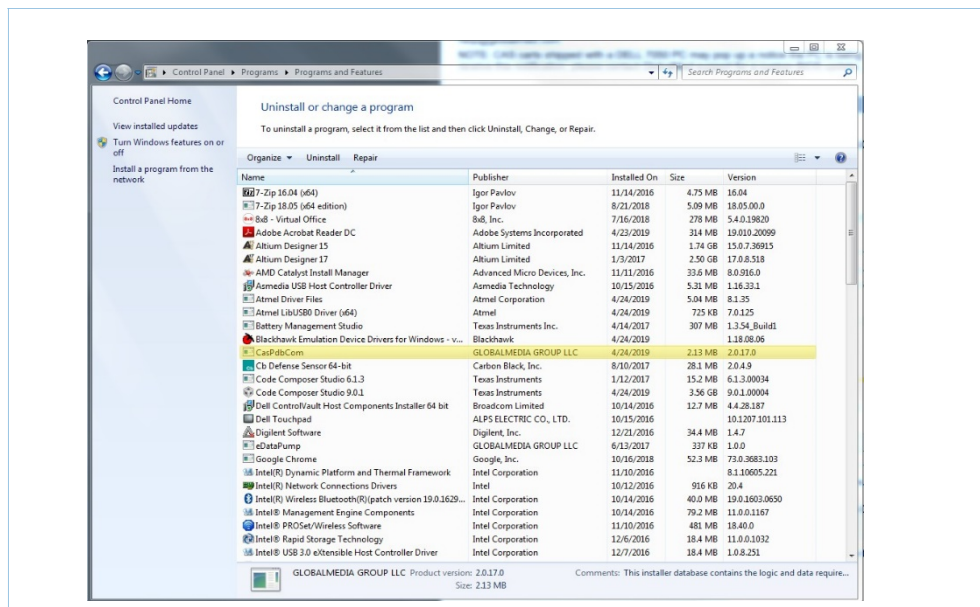
1-800-886-3692, option 2
help@globalmed.com

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.2.0.17.1**.
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



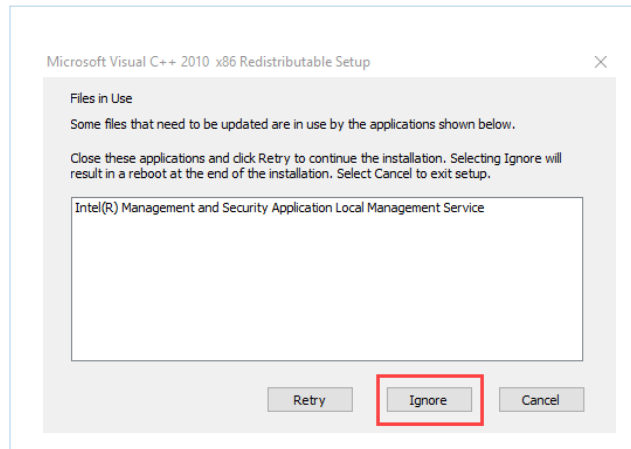
5. If newly installing, install the dotNetFx462_Full_x86_x64.exe, Visual C++ 2010 SP1 Redistributable x64.exe, Visual C++ 2010 SP1 Redistributable x86.exe, Visual C++ 2012 Redistributable x64.exe, Visual C++ 2012 Redistributable x86.exe from the GlobalMed webpage or from Microsoft.
6. Within the new installer file, right click on the application titled **CASPDB Installer v.2.0.17.1** 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.

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

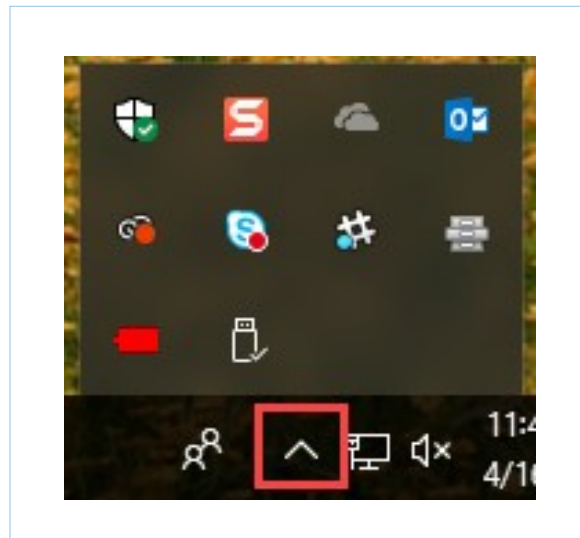
NOTE: During the installation process you may see the below pop up, or similar. Click **Ignore** (see [Figure 2](#)).

Figure 2 Click ignore



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

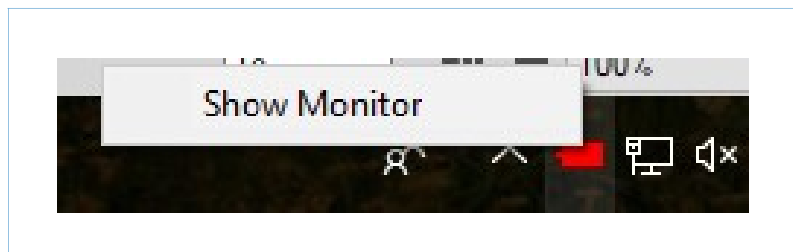
Figure 3 Click the arrow



9. Click the battery icon and drag it down to the taskbar.

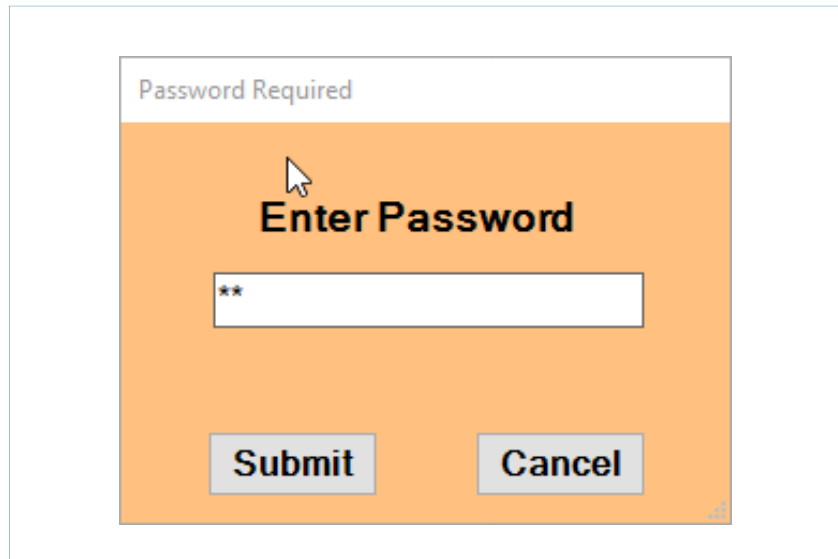
10. Right click the battery icon and select **Show Monitor** (see [Figure 4](#)).

Figure 4 Click show monitor



11. Enter **su** in the password prompt and click **Submit** (see [Figure 5](#)).

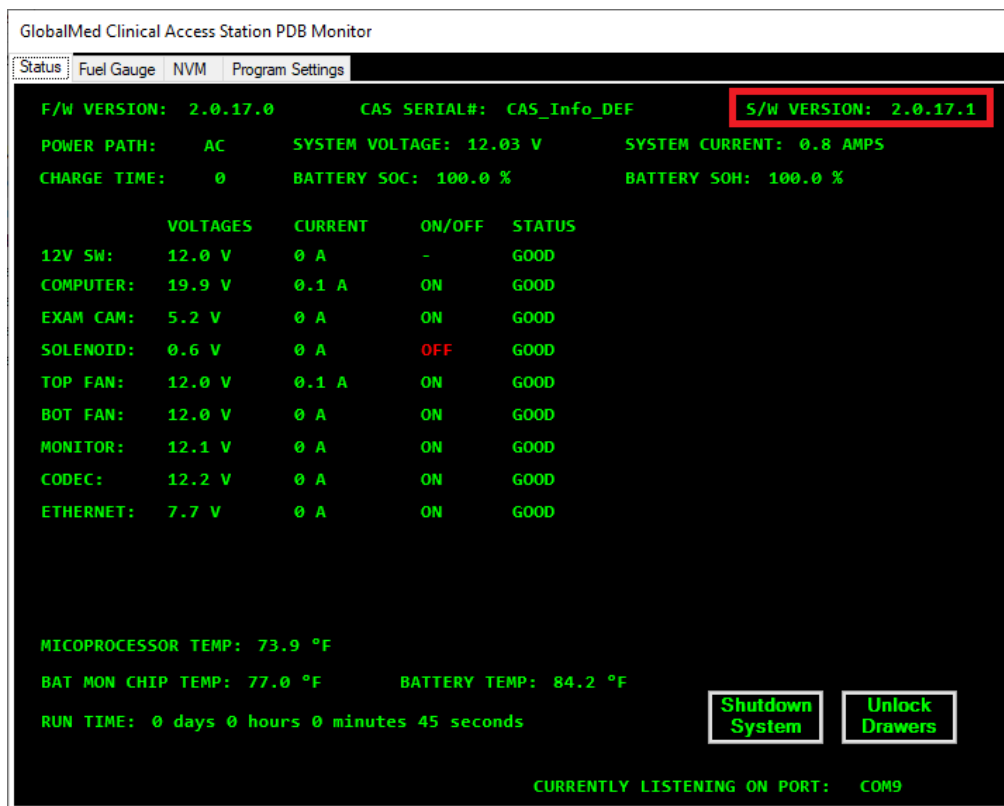
Figure 5 Password prompt



12. The **PDB Monitor** window appears. Verify the **S/W Version** shows **2.0.17.0** (see [Figure 6](#)).

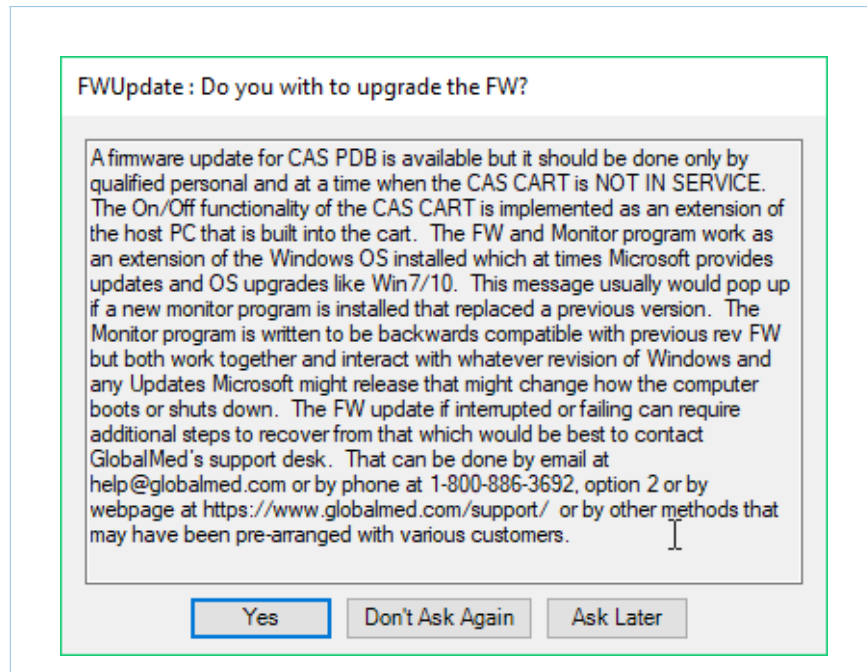
NOTE: The **F/W Version** will still show the old firmware version number you may have had on the machine.

Figure 6 Verify software status



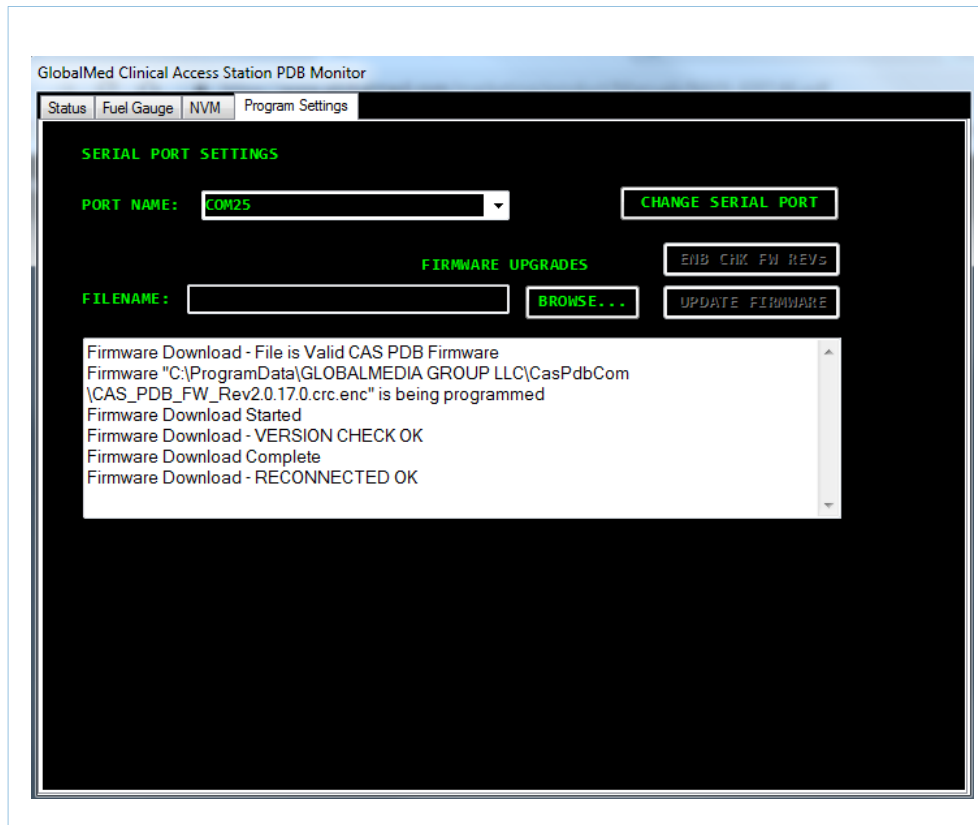
13. A window appears shortly after opening the PDB Monitor window prompting you to update the firmware. Click **Yes** (see [Figure 7](#)).

Figure 7 Click yes to update firmware



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

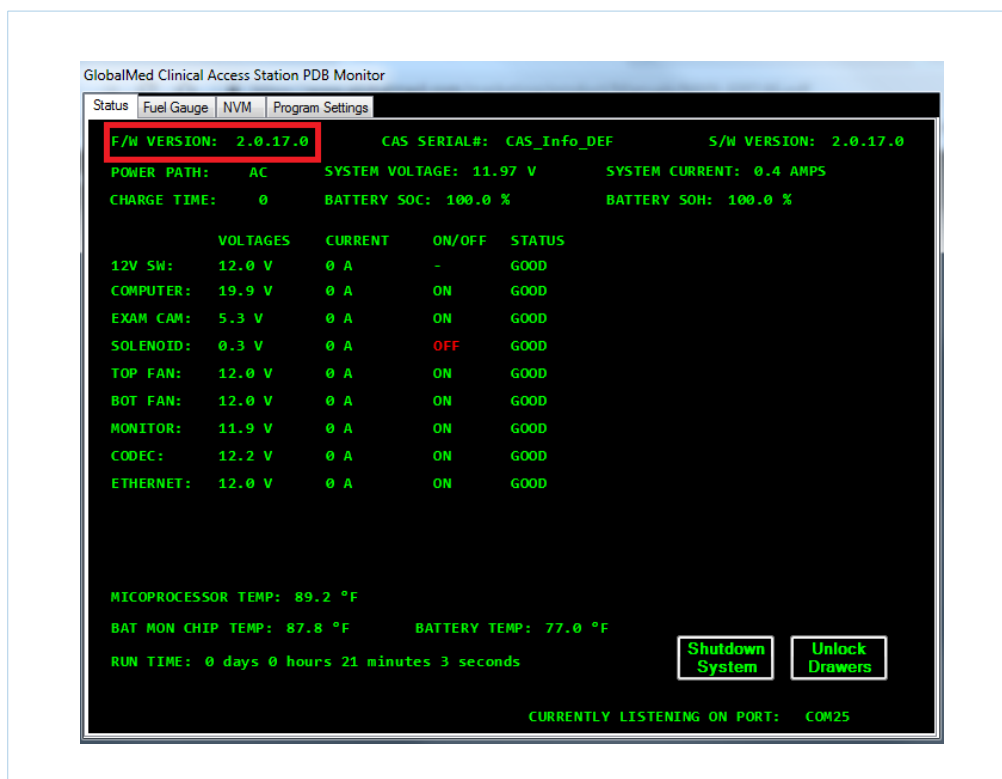
Figure 8 Completed firmware update



15. Once the firmware has updated, click the **Status** tab.

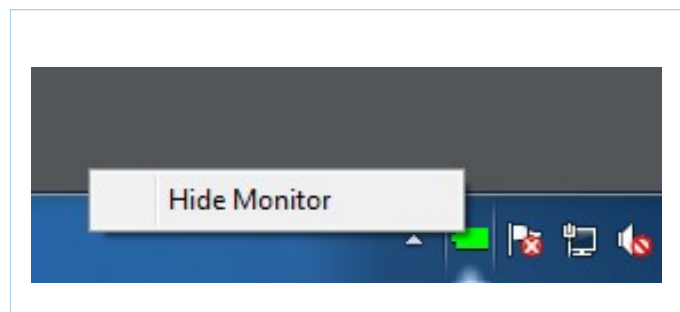
16. Verify the **F/W Version** shows **2.0.17.0** (see [Figure 9](#)).

Figure 9 Verify firmware update



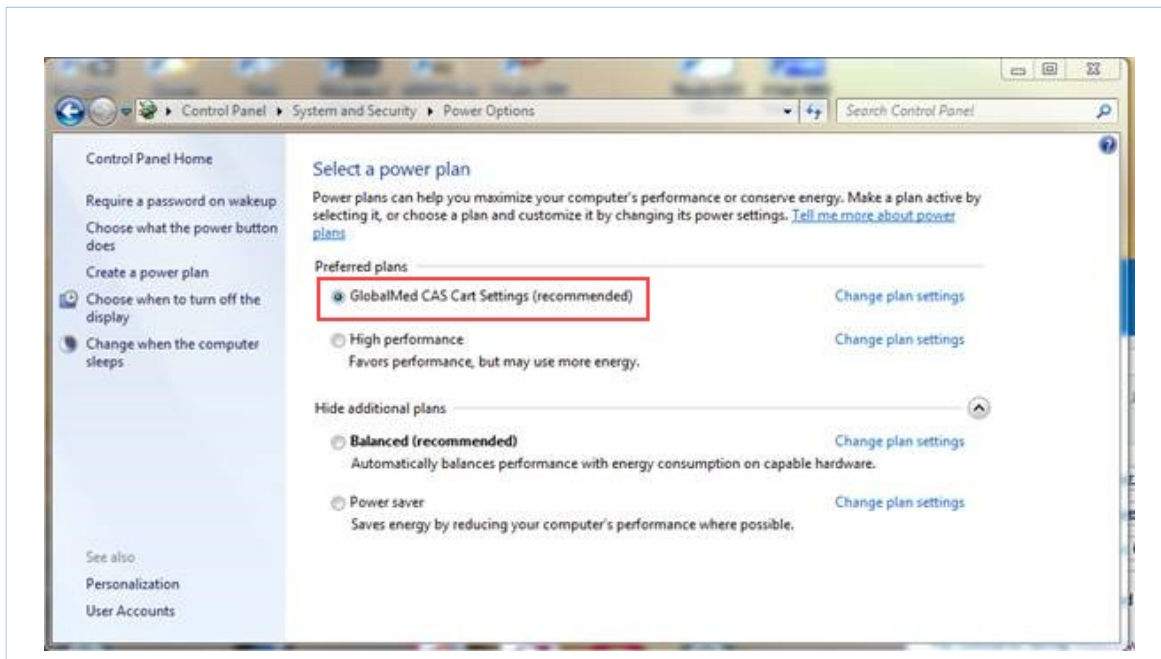
17. Right click on the battery icon and click **Hide Monitor** to close the PDB Monitor window.

Figure 10 Click hide monitor



- 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 11](#)).

Figure 11 Power options



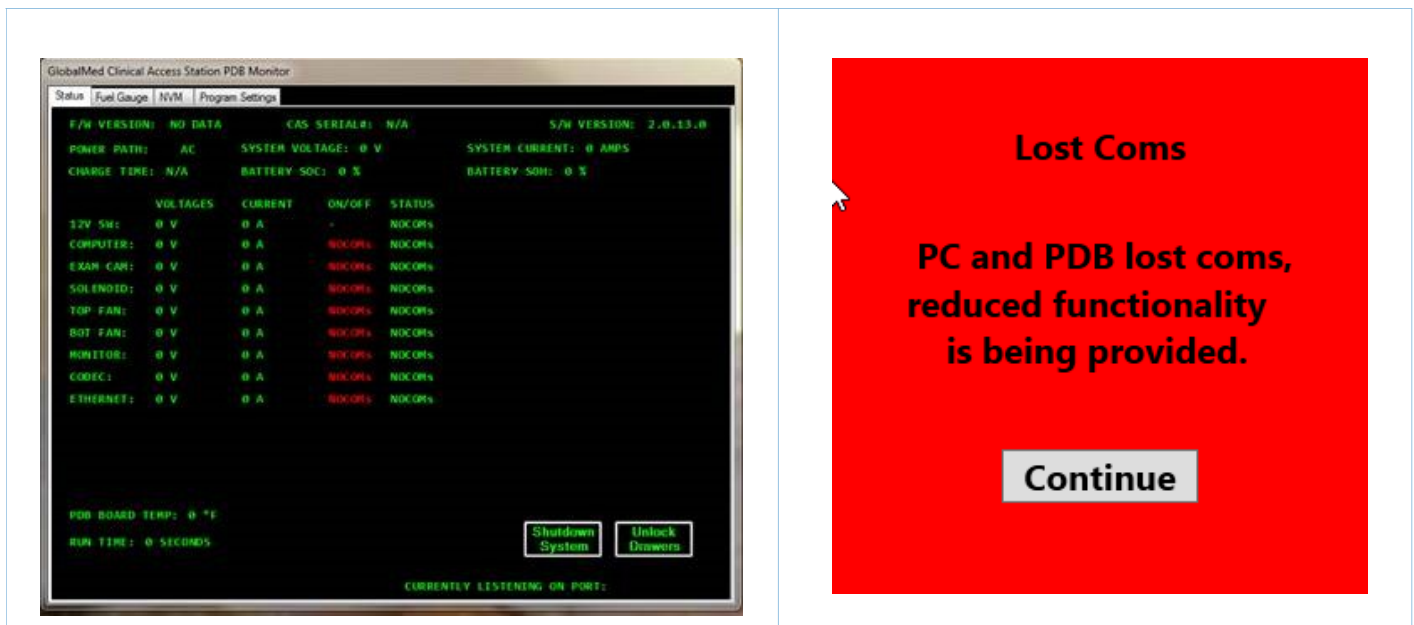
NOTE: After installation, it may be necessary to restart the computer to reconnect the PDB to the computer.

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 12](#), and the Lost Coms dialog pops up, the driver may have been installed by the OS incompletely.

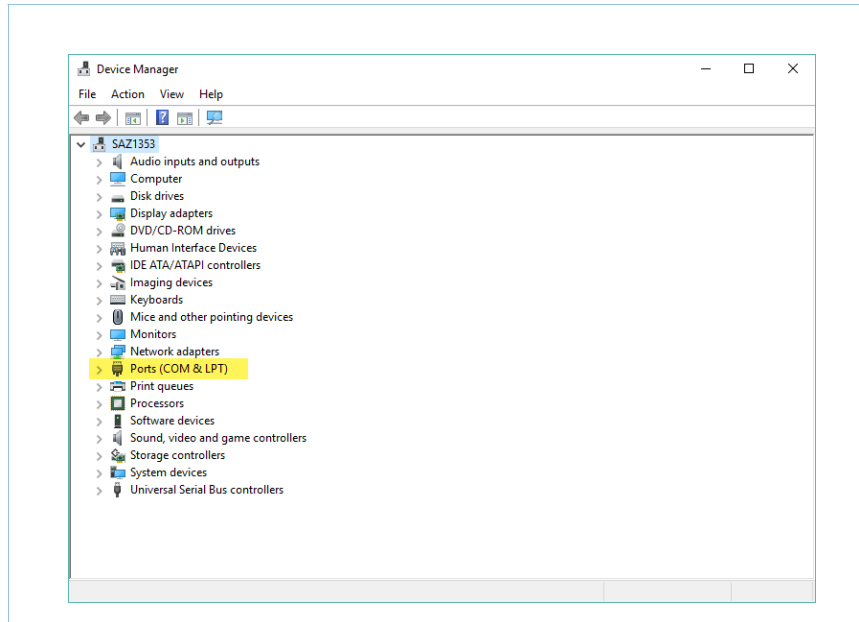
Figure 12 Failed driver installation



- 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.

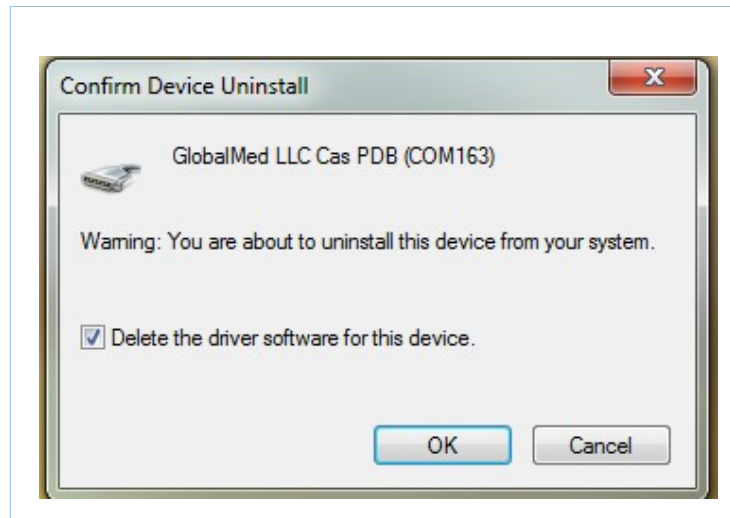
4. Open the **Device Manager** in Windows.
5. Expand **Ports (COM & LPT)** (see [Figure 13](#)).

Figure 13 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 14](#)).

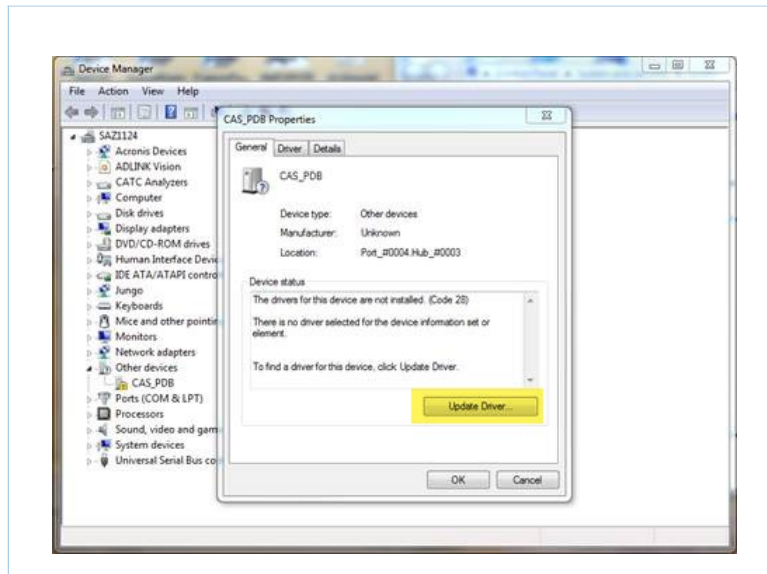
Figure 14 Delete driver software



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

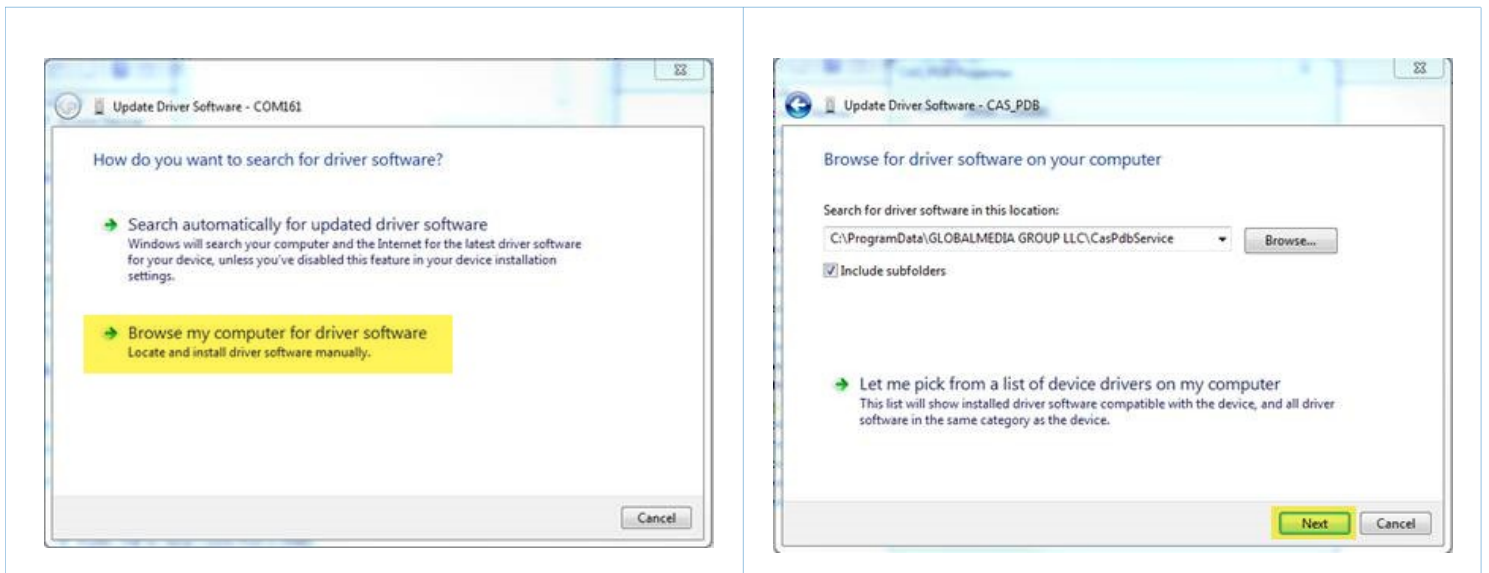
9. When the driver is detected and new window appears, click **Update Driver** (see [Figure 15](#)).

Figure 15 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 16](#)).

Figure 16 Browse for driver software



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