ORION 2.4/900 Firmware Update

1. Uninstall any old versions of the ORION Updater software currently installed on your computer
    a. Open ***Control Panel > Programs and Features***
    b. Locate and select any ***ORION Updater*** and click ***Uninstall***
2. For Windows 7/8 users, uninstall versions of the ***.NET Framework (v4.0 or above)*** temporarily
    a. Open ***Control Panel > Programs and Features***
    b. Locate and select any ***.Net Framework 4.0*** or greater, click ***Uninstall***
3. Once removed, ensure the Microsoft .NET 3.5 is installed and enabled on your PC
    a. Open ***Control Panel > Programs and Features***
    b. In the left sidebar, click ***Turn Windows features on or off***
    c. <u>Windows 7/8</u>
        i. Locate ***Microsoft .NET Framework 3.5.1*** and expand by clicking the ***plus (+)*** sign
        ii. Ensure all three checkboxes are selected
        iii. If this option is not listed, install the framework by double clicking ***dotNetFx35setup.exe*** in the files extracted when downloaded
    d. <u>Windows 10</u>
        i. Select box next to ***.NET Framework 3.5 (includes .NET 2.0 and 3.0)***
        ii. Clear selection next to ***.NET Framework 4.7 Advanced Services***
            1. The version number could vary
    e. Click ***OK*** to save settings
4. With the ORION powered off, connect it to the PC via the USB Port
5. The PC will begin installing the driver automatically and provide notification of completion in the bottom right of your screen.
    a. If you receive the error ***USB Device Not Recognized***, then the .NET Framework 3.5 is not working properly.
    b. If you receive the error ***Device driver not successfully installed***, install the COM port drivers by double clicking ***CDM208030_Setup.exe*** in the files extracted in step 1
6. Install new ORION Updater software by double-clicking ***ORIONUpdater.exe*** in the folder where the software files were extracted to
    a. All older versions of the ORION Updater software need to be removed before moving forward
7. Once complete, open the ORION Updater
8. If the PC recognizes the ORION, it will be listed in the first field
    a. To verify communication with the ORION, click the ***Show Version IDs*** button
9. Click ***Open File*** and select ***update_181005_full.bin*** from the extracted software folder
10. Click ***Send Update***
    a. The update will take approximately 2 minutes to complete
11. Once the update has finished, unplug the USB from the ORION
12. To verify the software installed correctly:
    a. Click ***Menu*** button
    b. Select ***!*** icon
    c. Scroll down through the screens and verifying the version numbers match what is below

ORION Firmware Version Numbers

MST: 1.00.1810051130
RCC: 1.00.1807310946 A
HCC: 1.00.1712211239 A
HDC: 1.01.0809211136 A
KCC: 1.00.1709131042 A
BBM: 1.01.1809211136 A

System Requirements
Windows XP SP3, Windows Vista, Windows 7, Windows 8, or Windows 10 operating systems Microsoft .NET Framework 3.5 (SP1) Future Technology Devices International (FTDI) Virtual COM port driver (USB to Serial port converter).

Note 1
By attaching your ORION to your PC via the USB cable provided, the ORION will register itself to an available virtual COM port on the PC. If your PC is unable to automatically find the device driver needed for this connection, please double-click on the included installation file (CDM20830_Setup.exe) that came with the ORION Software Updater software.

Note 2
Microsoft .NET is a framework for creating software applications that run primarily on Microsoft Windows. Windows PCs typically have Microsoft .NET installed or included with the operating system. However, you may find that you need to upgrade to version 3.5 SP1 to install the ORION Software Updater. If the application installer prompts you to install the Microsoft .NET Framework, then you do not have the required version. To install Microsoft .NET 3.5 SP1, follow the download link from the installer or double-click on the included installation file (dotNetFx35setup.exe) that came with the ORION Software Updater software. After installing Microsoft .NET, restart the ORION Software Updater install. Contact your system administrator if you need help installing .NET.