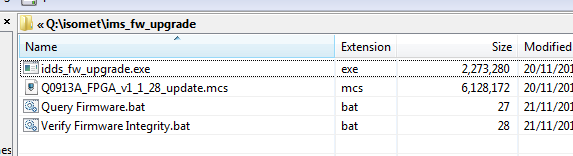
To Upgrade the iDDS3 firmware, there is an application called idds\_fw\_upgrade.exe which has 3 functions:

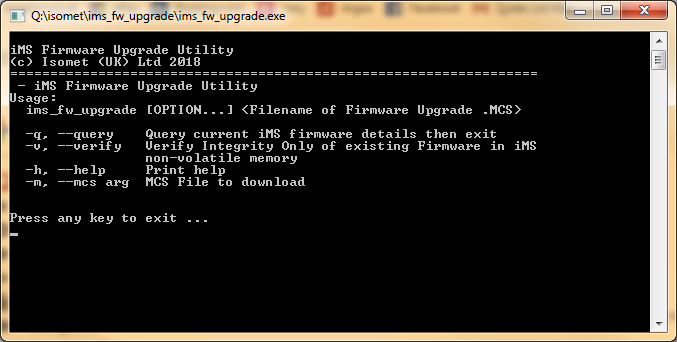
(1) Query the existing firmware version operating on the unit.

(2) Verify the integrity of the firmware image in the unit's non-volatile memory.

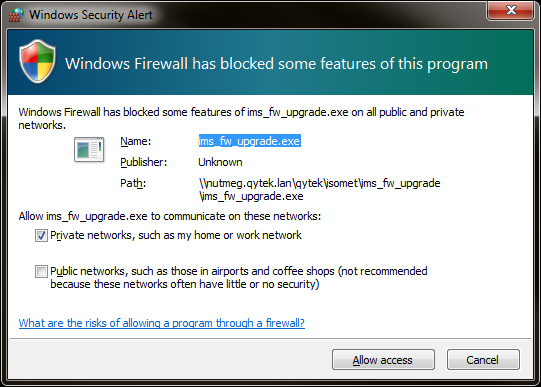
(3) Update the firmware image in non-volatile memory with new contents.



Double click the .exe to see the help screen for these options.



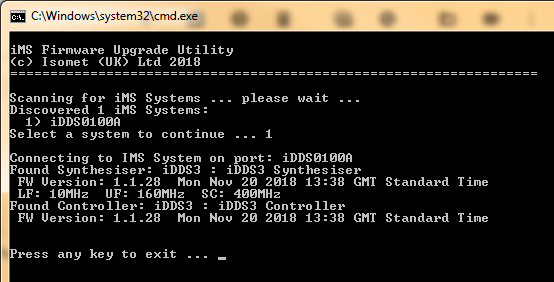
NOTE: When you run idds\_fw\_upgrade.exe for the first time, you might get a firewall warning message such as this:



This is because the application is built on top of the iMS Software library which features Ethernet functionality for use with other systems.  Please click either Allow access or Cancel to continue (it is of no consequence for the iDDS3).

STEP ONE:

Run "Query Firmware.bat" which calls idds\_fw\_upgrade with the query option to examine the existing firmware version.  When prompted, enter the number 1 and Enter to select the connected system:



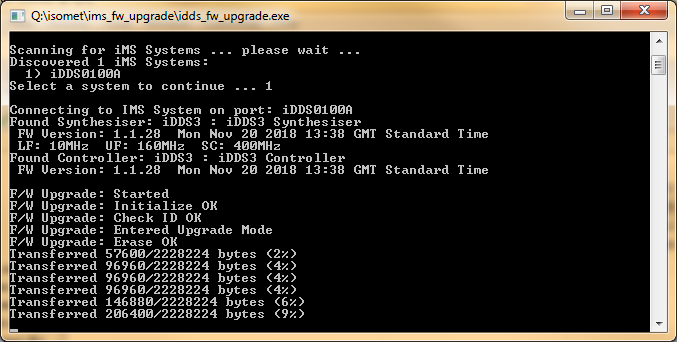
For the iDDS-3, provided the FW version is 1.1.27 or greater, remote firmware upgrade is supported.

STEP TWO:

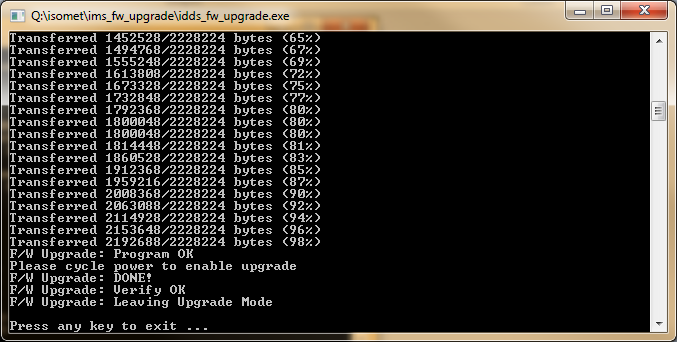
In Explorer, grab the new firmware which will have a name like Q0913A\_FPGA\_v1\_1\_28\_update.mcs and drop it on top of idds\_fw\_upgrade.exe.

As before, select the system (1) and >Enter<.

The application will run through a number of preliminary steps then begin to transfer data



Please wait a few minutes.



STEP THREE:

When complete, power cycle the board to enable: