Jess,

Hey! OK, I think we have the information we need to get started with the Steffen work—when it works for your schedule. I have tweaked the notes below based on chats with Jaime today, and included some of his instructions below. Getting this network connection is established to this device will be a nice improvement (and hopefully reduce the amount of data transfer USB-drive shuffle that we need to do in the future).

Let us know if any questions come up. Thanks for working on this! Sam

Am 16-Dec-19 um 20:57 schrieb Sam Dorsi:

Achim, Thank you so much for your notes below. I have incorporated these into the instructions, as well as including the old TeamViewer access information that you had provided and which Jess just brought back to my attention. Could you confirm, what is the volume of data files that you would like to transfer from the fitPC over the network connection? Jaime tracks network usage and make have input about what is possible or the best timing of this transfer to avoid impacts elsewhere. Thanks!

Jaime, I have included below my signature some instructions from Windows support about DHCP settings—could you confirm that this change is the one that you are hoping that Jess would make? Thanks.

Jess, let us know how things look from your end!

Requested actions:

-- Open aluminum Zarges case at upGPR site and identify the black Fit-PC computer (about 8"W x 6"L x 2"H). Photograph cable connections to facilitate reassembly. Remove all cable connections and bring computer inside MSF to warm for 24 hours. Also bring the AC/DC power supply that was connected to this computer.

-- Inside MSF, connect keyboard, mouse and display to the Fit-PC, as well as the AC/DC power supply, and power the computer on.

-- The computer is running on Win7. So easy to access and easy to understand what is going on. The only problem is that after boot it is programmed to conduct the measurement routine. Since no radar etc is connected it'll give you an error message and requires to press control+c and a confirmation hereto. It's a bit of a mixture of English and German so you would need to press 'j' instead of 'y' to confirm. If you miss the 10s time period it'll shut down and you have to restart the PC. So no problem, it might just be a bit annoying.

-- Once logged in to the computer, Jess performs several steps:

        - Plug in the Steffen project USB drive - I can't remember if this is in the MSF or Green House office.

        - Update TeamViewer software. Open software, and under 'Help' on menu bar, click 'Check for new version...' and approve an update.

        - Current access information for TeamViewer is: \*ID:\* 1 256 265 527 and \*Pass:\* s3tu66

        - Jess sends new TeamViewer access information / credentials to PIs and to Jaime.

        - Send Jaime the MAC address and hostname, and change Ethernet port to DHCP addressing. Jaime has provided the instructions below for these actions in Windows 7.

-- Once this update has been made and information sent to Jaime, Jaime will set up a fixed IP address and log into the machine to confirm all is working. Once ready, Jaime notifies PIs, PM and Jess that the system is ready for an indoor test.

-- Science team tests their ability to log in remotely to the Fit-PC. Once logged in, they transfer the desired files over the network to their home institution and to the USB data stick for hand-carrying to US in February. They also prepare the  connected USB drive for future automated transfers. Once complete, science team lets us know that the system is ready to move back outside.

-- Return the Fit-PC and its power supply to the Zarges case, re-attach cables as before, and photograph.

Does this sequence seem correct? Jess, thank you so much for tackling this once your busy schedule permits--we understand you have many demands on your time and will be patient!

Best,

**Sam Dorsi**

Summit Station Science Project Manager

Polar Field Services, Inc.

8100 Shaffer Parkway #100

Littleton, CO 80127

c: 406.461.5298

[polarfield.com](http://polarfield.com/)

**How to change my IP address in Windows 7?**

Click **Start**, then select **Control Panel**.

Click **Network and Internet**.

Click **Network and Sharing Center**.

Click **Change adapter settings** on the left.

Right-click the connection you want to change and choose **Properties**. In this case we are interested in the built-in network port. It will be called “Local Area Connection”.

Double click or right-click “Internet Protocol Version 4 (TCP/IPv4)” to select it, then click **Properties**.

Select the radio button "Use DHCP".

Save and exit out by Click **OK** twice to apply the settings.

**How to change or view my Hostname**

Click the **Start** Button and right-click **Computer** and select **Properties.**

Half way down, you will see **computer name.** If you need to change it to something meaningful, First, click **Change Settings.**

**Click Change button under Computer Name Tab.**

Type in the new name for your computer under **Computer Name Field.**

click OK a few times and reboot to set changes.

**How to find my MAC address**

Click **Windows** **Start**or press the **Windows** key.

In the search box, type **cmd**.

Press the **Enter** key **.**
A command window displays.

Type **ipconfig /all**.

Press **Enter** .
A physical address displays for each adapter. The physical address is your device’s MAC address. **Example of a MAC address:**  00:00:00:a1:2b:cc