Being a Windows10 system, the DFM 2.4m TCS control PC will, on occasion, reboot after performing software updates. These typically happen around the noon hour so should not impact observations. However, it does mean an observer may awake to find the desktop on the control PC completely unpopulated. The intent here is to provide a quick startup list to get all TCS-related programs back online.

For a more thorough overview of starting up the TCS Control Systems, click here.

**DFM Control System Software**
- Double-click on the yellow icon labelled TCS to open the DFM Control System software. Wait for a moment as the software initializes.
- Once the software completes initialization, click Telescope>Misc… to open the popup containing the “Switches”, “Display Equinox/Dome Shutter” and “Focus” tabs.
- Click Telescope>Movement to open the popup containing tabs for issuing motion commands to the telescope.
- Click Options>Environmental Data/Control… to open the popup for primary mirror cooling control and system temperature metrics.

Once the control system software is up and running, it should look like this:

**Guider Control Software**
- Double-click on the icon labelled Maxim DL 6 to open the guider software.
- If the “Camera Control” popup does not open, click the Toggle Camera Control icon (as seen below) to open it.
• In the Camera Control window, “Setup” tab:
  • Click Connect
  • Turn Coolers On
• In the Camera Control window, “Guide” tab:
  • Click the “Graph” button
  • Click the “Options” arrow and choose “Camera Settings…”
    • Click “Open Shutter” then click “OK” to close the popup window
• Click the “Settings” button to open the Guider Settings popup window
  • In the section labelled “Autoguider Output”, click on the “Setup” button. This opens the ASCOM Telescope Chooser popup window. Verify it lists “TCSGalilHybrid. Telescope” and click “OK” to close the window. Do NOT click the “Cancel” button or the guider may misbehave.
  • Click “OK” to close the Guider Settings popup window.

**Guider Focus Software**
• Double-click on the icon labelled Guider_Foc… to open the guider focus GUI.
• Once the GUI opens, click the red STOP button so that the GUI can be repositioned closer to the guider software.
• Once positioned, click the symbol to restart the program. Resize the GUI box if desired.

Once the guider system software is all up and running, it should look like this:

Done!