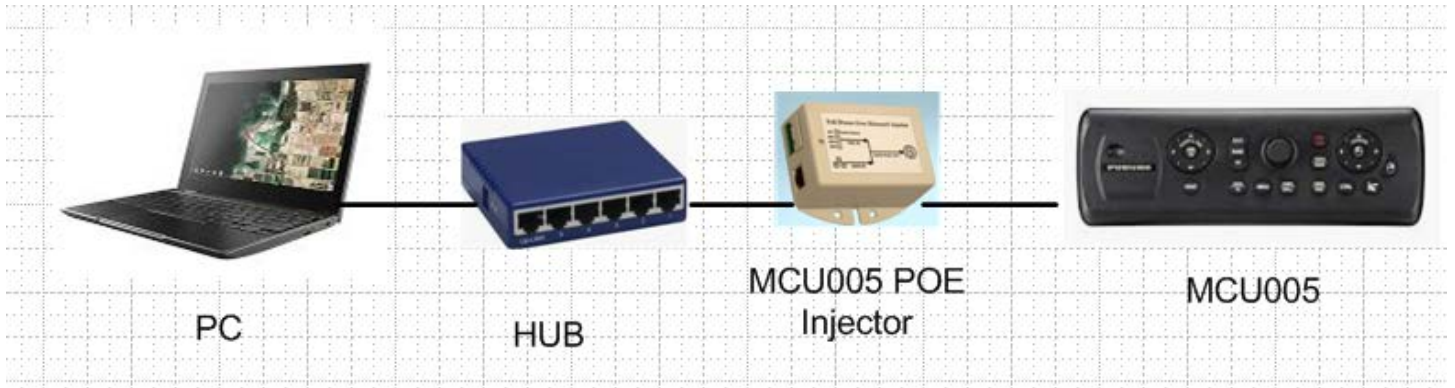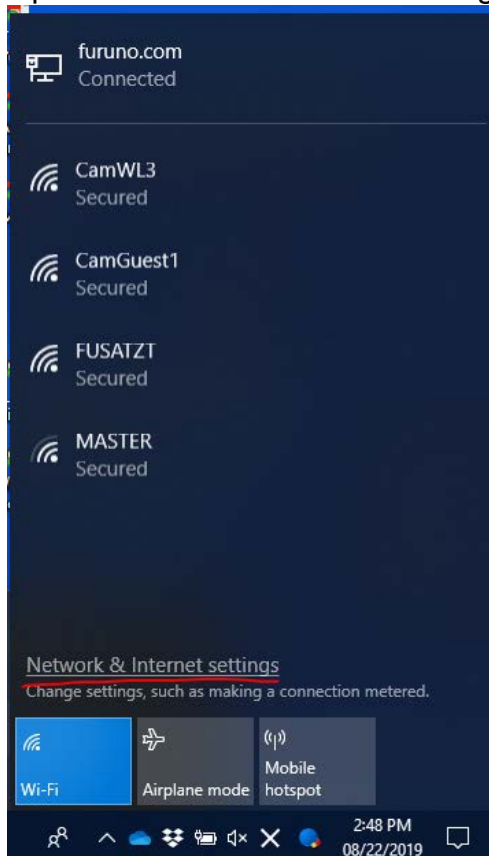# MCU005 Update Procedure
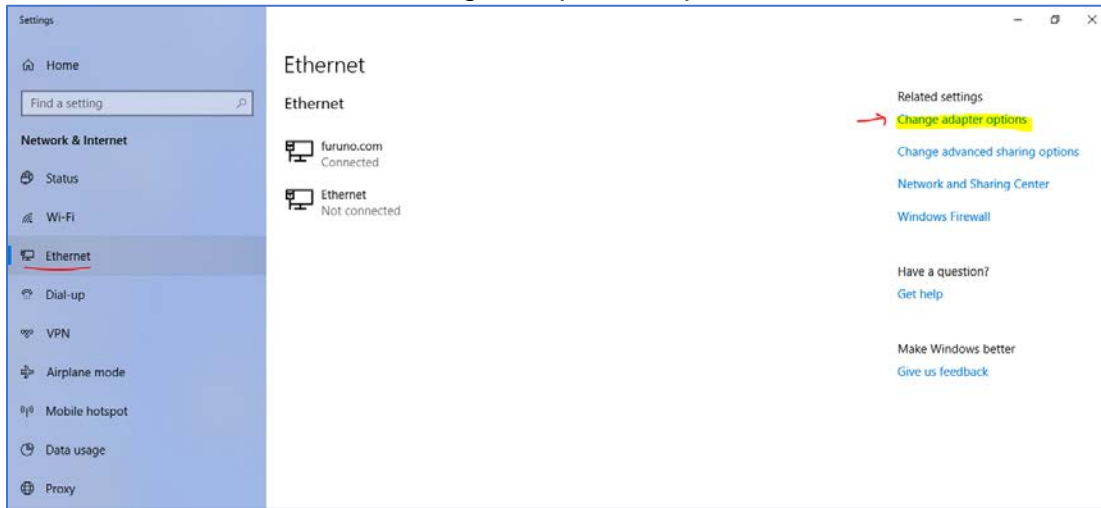
1. Make sure that the MCU-005 power is OFF.

2. Connect a PC to the MCU-005 using the proper POE injector through a switching HUB. Leave cable removed from the MCU005 until later step.

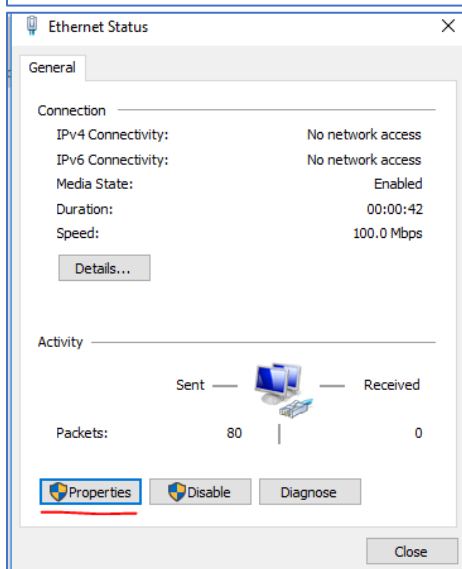PC   HUB   MCU005 POE Injector   MCU005
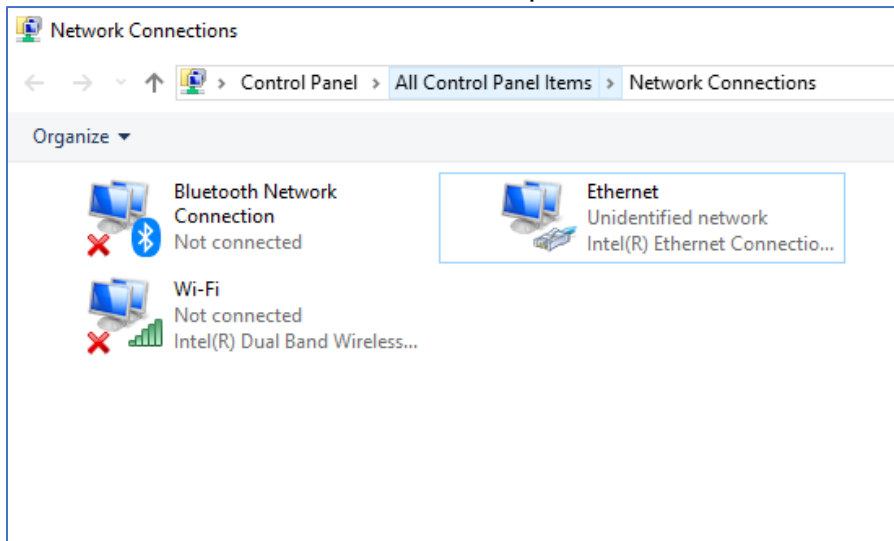
3. Turn on the PC, and make sure that all firewall and anti-virus software are shut off.
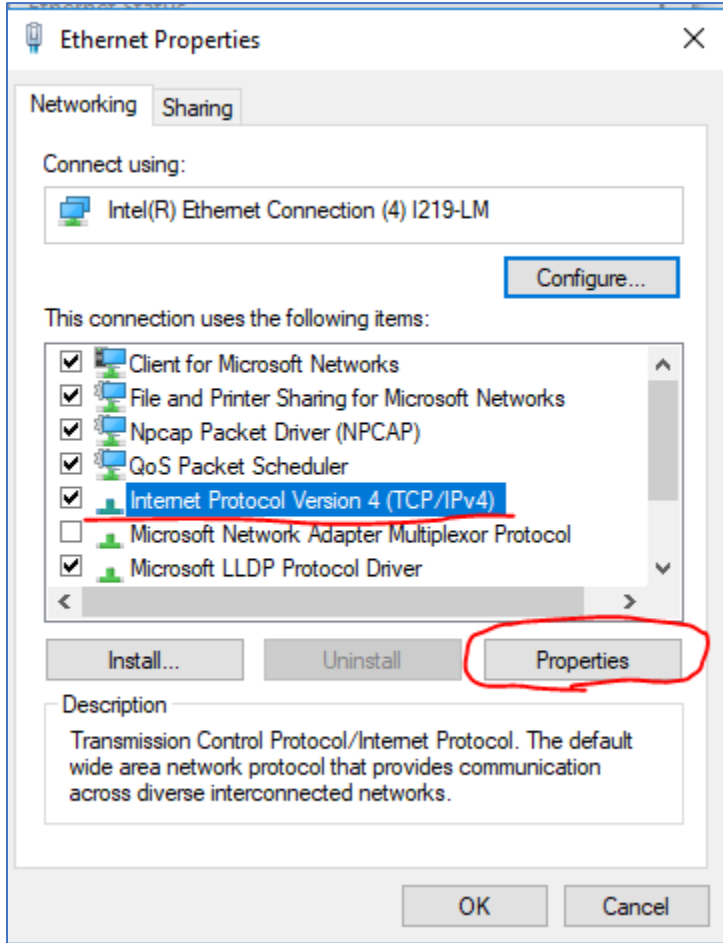
4. Open Network and Internet setting.

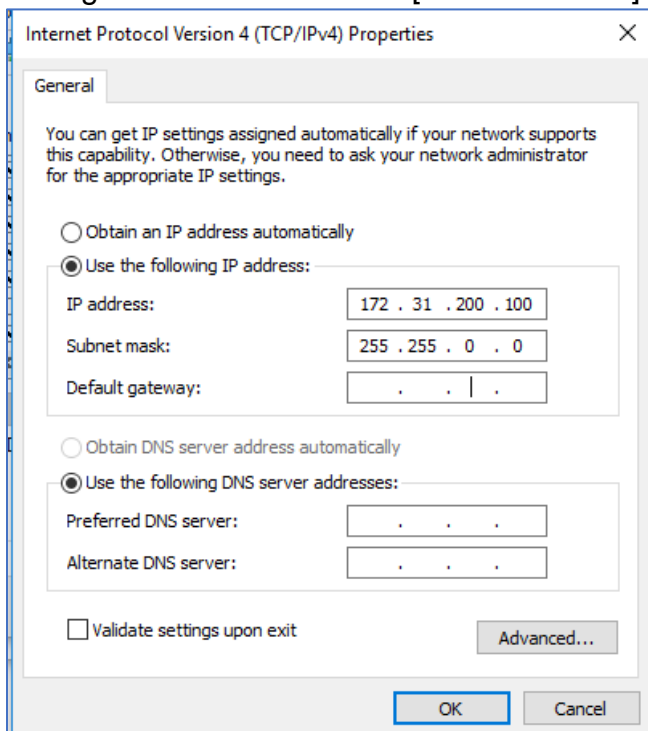5. Go under Ethernet tab and change adapter setup.

6. Click the connection for the Ethernet port connected to MCU005, then open "Properties"

7. Select "Internet Protocol Version4 (TCP/IPv4)", and open "Properties"

8. Change IP address of PC to [172.31.xxx.xxx]. (If recommend, [172.31.200.100])

9. Copy all files to the PC and unzip it.

Name	Date modified	Type	Size
IDCODE.SYS	07/30/2019 4:01 PM	System file	1 KB
MCU005.BIN	07/30/2019 4:01 PM	BIN File	748 KB
NWLOADER.BIN	07/30/2019 4:01 PM	BIN File	109 KB
nwuppg.exe	07/30/2019 4:01 PM	Application	52 KB
setup.bat	08/02/2019 10:30 ...	Windows Batch File	1 KB

10. Execute [setup.bat], and the following window shows up.

```
C:\WINDOWS\system32\cmd.exe                                    —  □  ✕

Network program loading(NWUPPG) version 4.01
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>>my IPaddress=172.31.200.100
```

11. Turn on the MCU-005 by connecting the LAN cable to a PoE hub or injector.
12. The update process will automatically start. Tap any key to close the window after the process finishes.

Note: If an ERROR appears on the window, the update has failed and MCU005 is no longer usable with system until you it has been successfully updated. Please try a different PC and re-update.
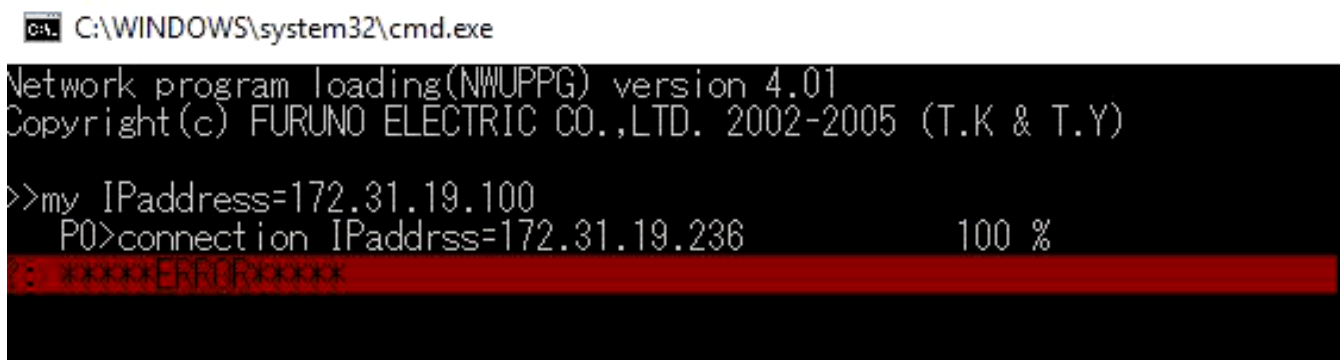
```
C:\WINDOWS\system32\cmd.exe

Network program loading(NWUPPG) version 4.01
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>>my IPaddress=172.31.19.100
   P0>connection IPaddrss=172.31.19.236          100 %
?: ******ERROR******
```