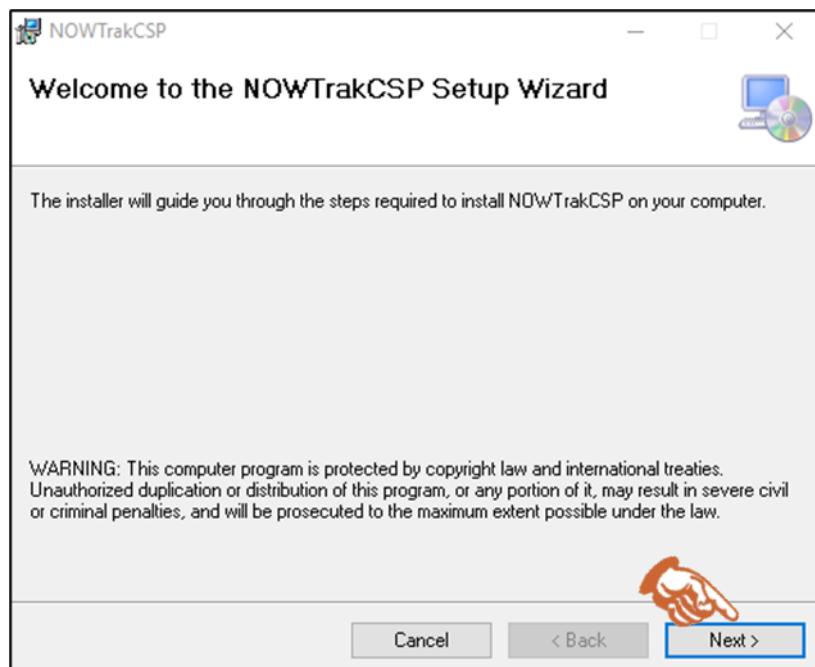


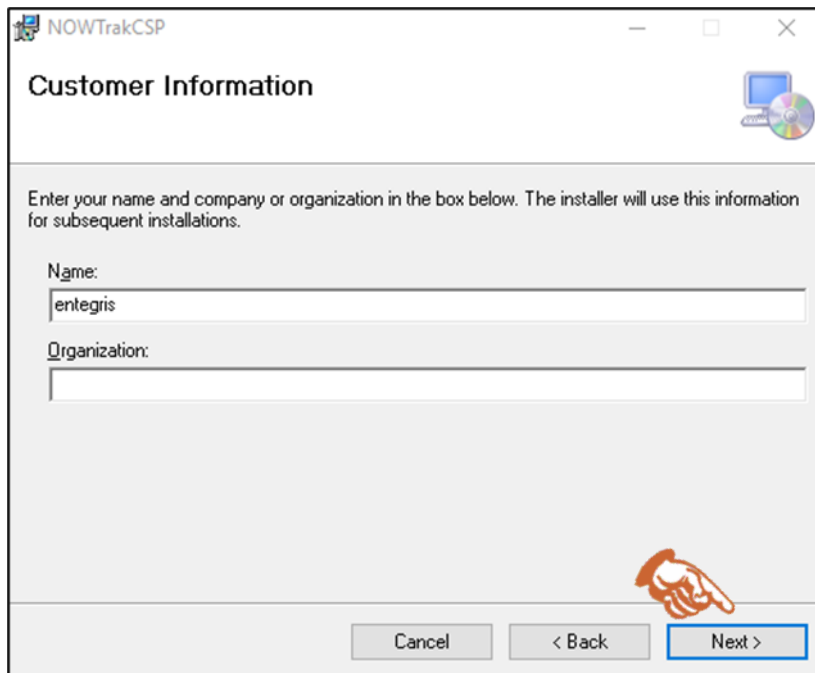
## NOWTrak TagWriter Software Installation

**CAUTION:** NOWTrakCSP must be installed by a user with computer administrative privileges.

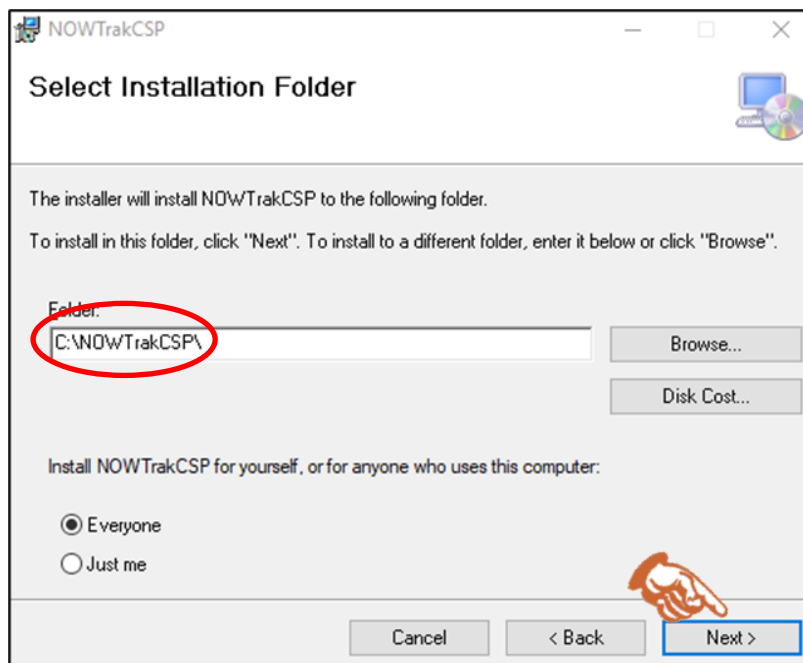
1. Load the NOWTrakCSP V4.2.0.0 CD into the CD-ROM drive.
2. Using Windows Explorer, locate the drive containing the NOWTrakCSP CD.
3. Double-click on the NOWTrakCSP CD to reveal its contents.
4. Double-click on the NOWTrakCSPSetup.bat to be installed. The following graphic will be shown:



5. Click on "Next" to continue.
6. The wizard will now prompt you for User Information.
7. Type in the appropriate name in the space for "Name."
8. Type in your organization's name in the space for "Organization."
9. Click on "Next" to continue

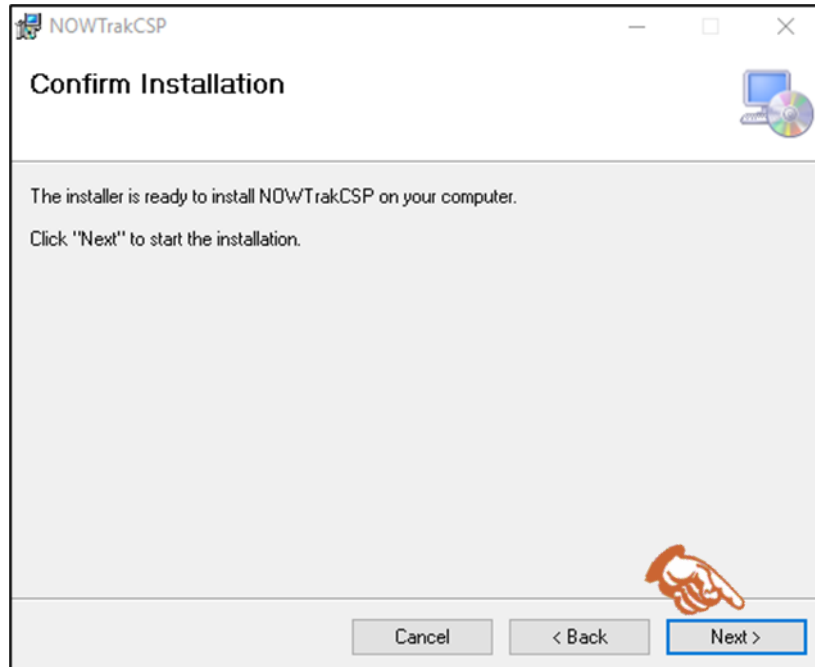


10. The wizard will now prompt you to confirm the Destination Folder. The folder "C:\NOWtrakCSP\" will be in the "Destination Folder" box. This is the correct folder.

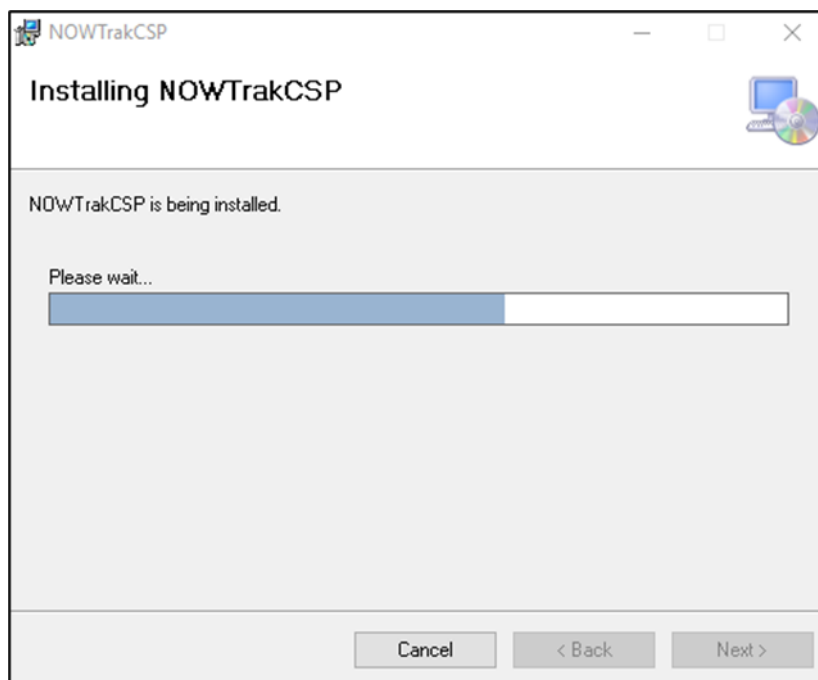


11. Select "Everyone"

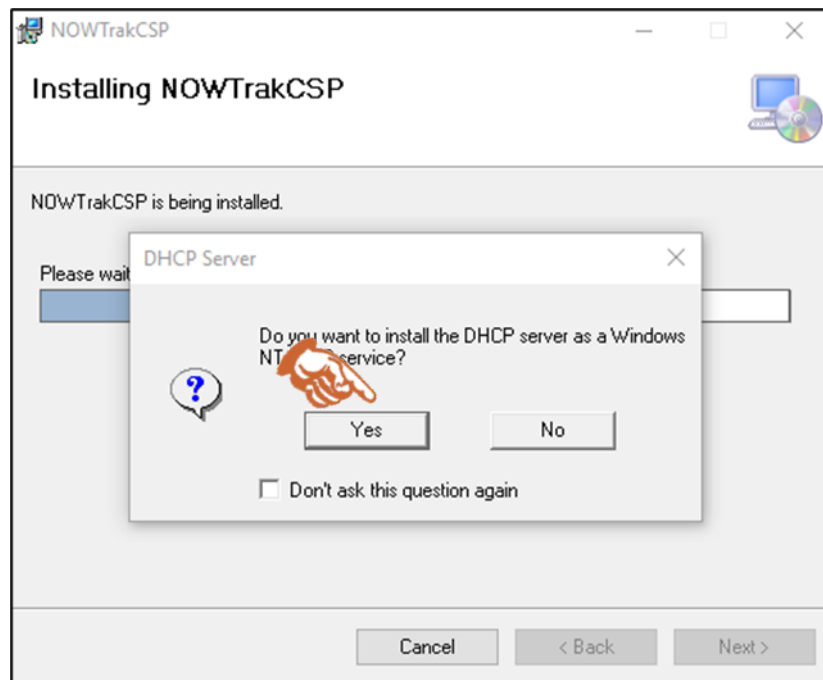
12. Click on “Next” to confirm and continue.
13. The wizard is now Confirm Installation.



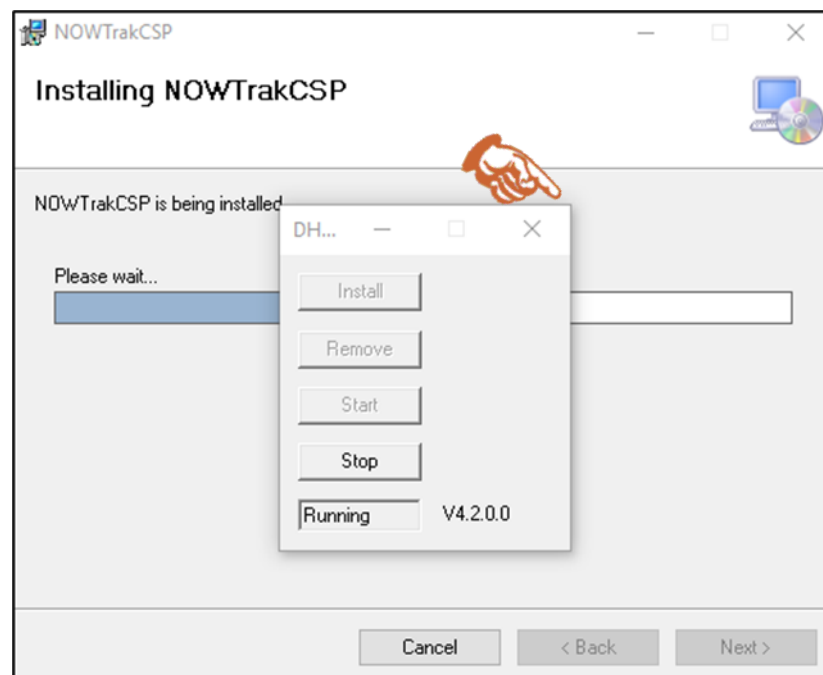
14. Click on “Next” to continue.
15. The wizard will now show installation progress.



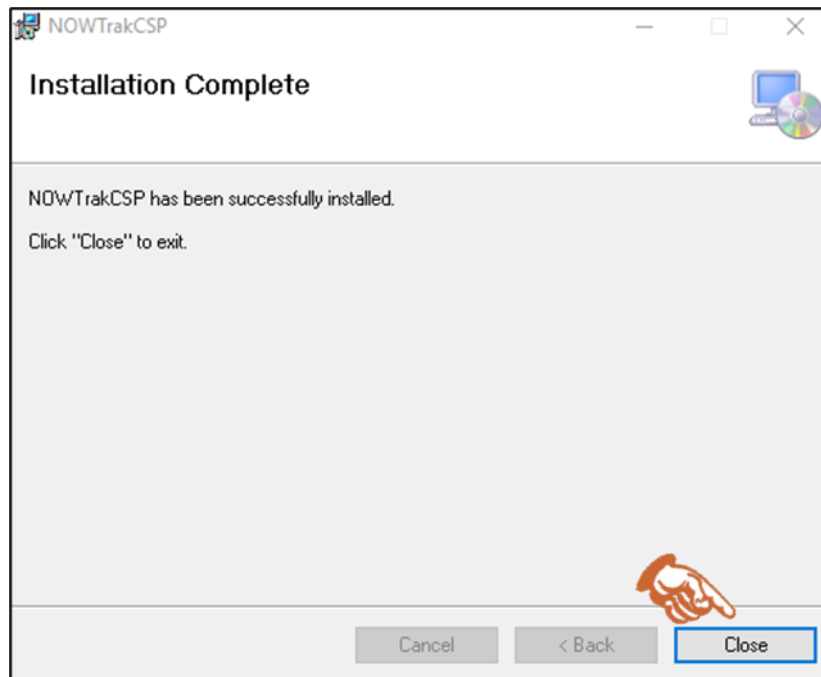
16. The wizard will now prompt you to install DHCP Server service.



17. Select "Yes" to continue.



18. DHCP server will start after install was done, Click “X” to close window.
19. The wizard will now inform you that NOWTrakCSP has been successfully installed.



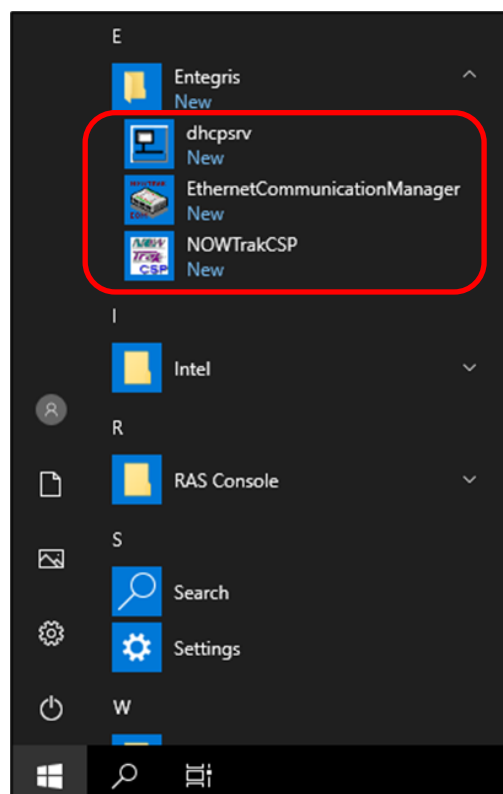
20. Click on “Close” to complete the installation and close the wizard.

## Confirmation of Installed program

1. Following 3 shortcuts are created on the desktop.



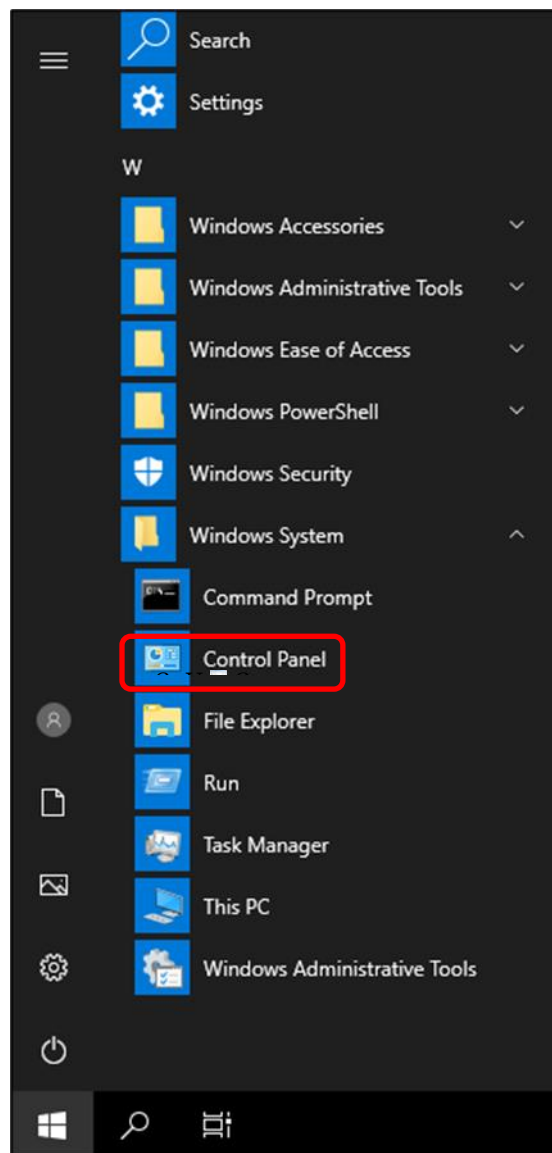
2. Following 3 programs are registered to Start menu.



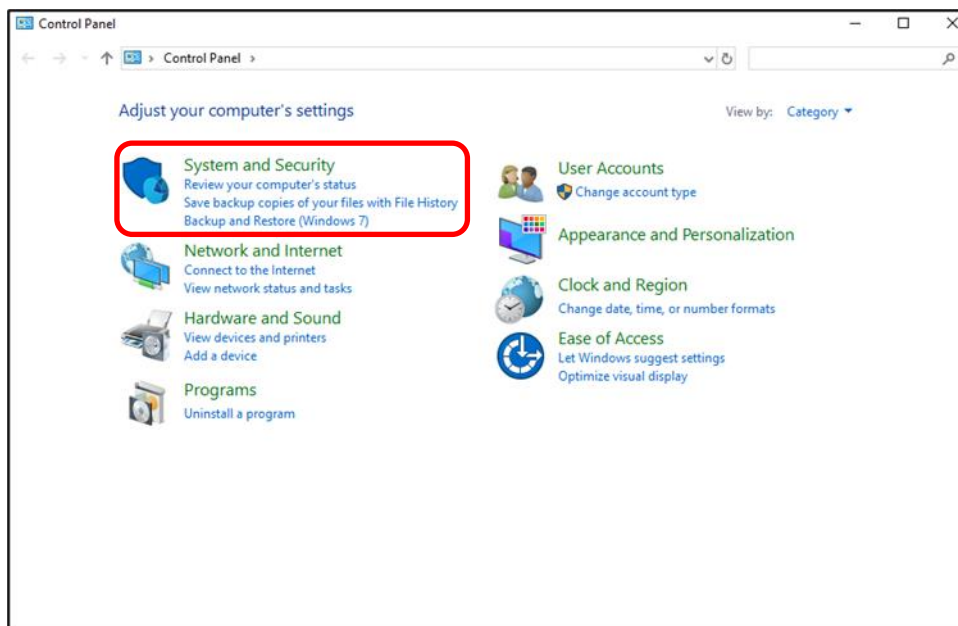
## Windows Firewall setup procedure for NOWTrakCSP

**CAUTION:** Please contact your IT department if your PC installed different security program instead of Windows Firewall.

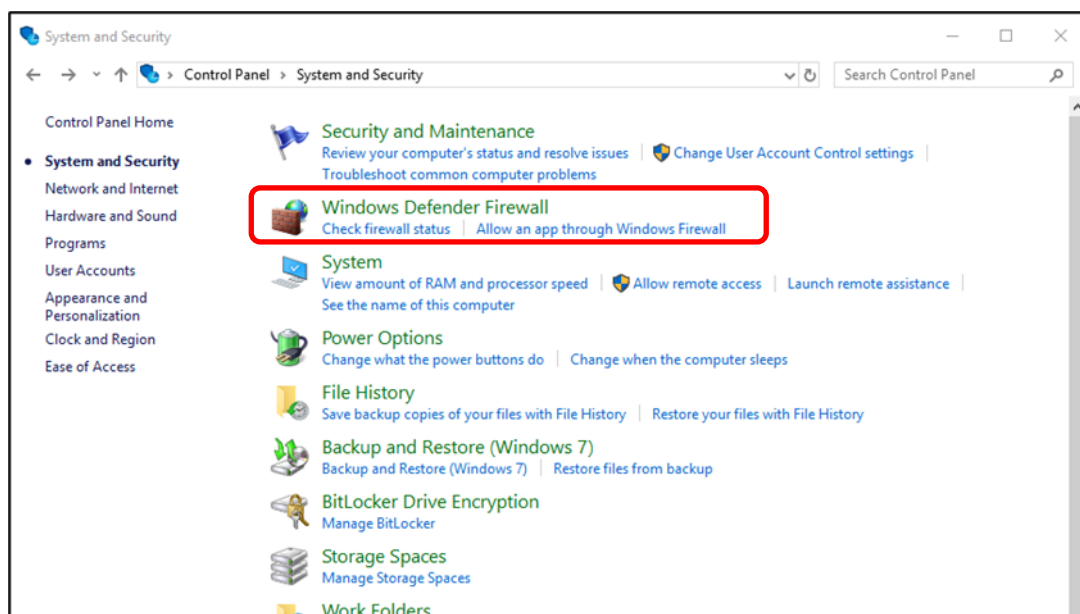
1. Open “Control Panel” in the Start Menu.



2. Select “System and Security” on the control panel.

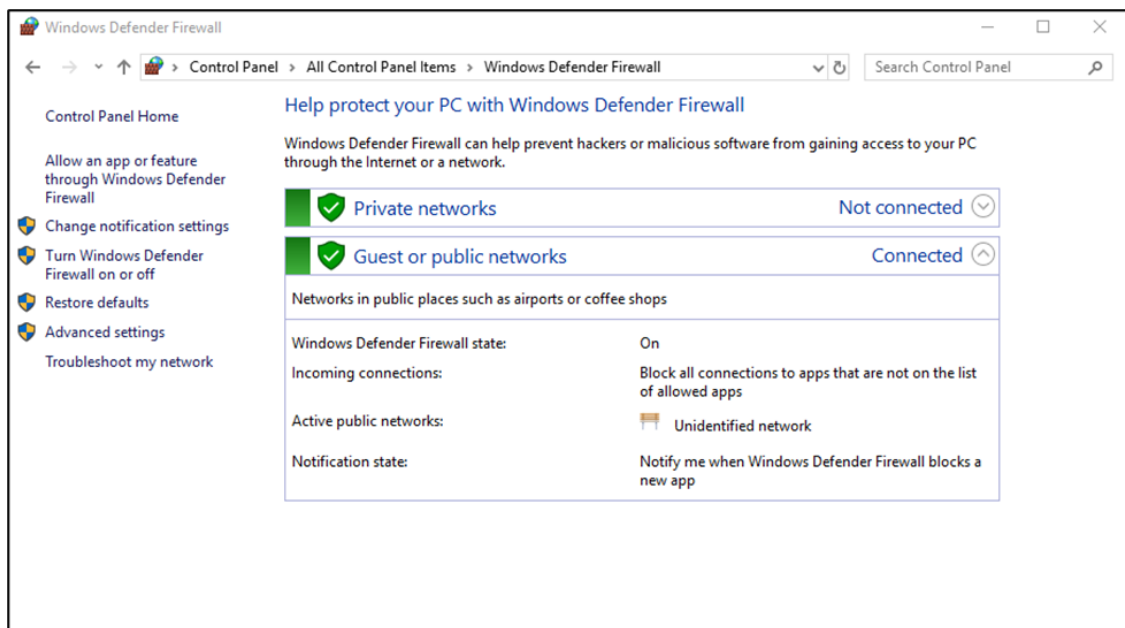


3. Select “Windows Defender Firewall”.



4. Make sure Windows Firewall is ON. If not, no need to do further action listed below.

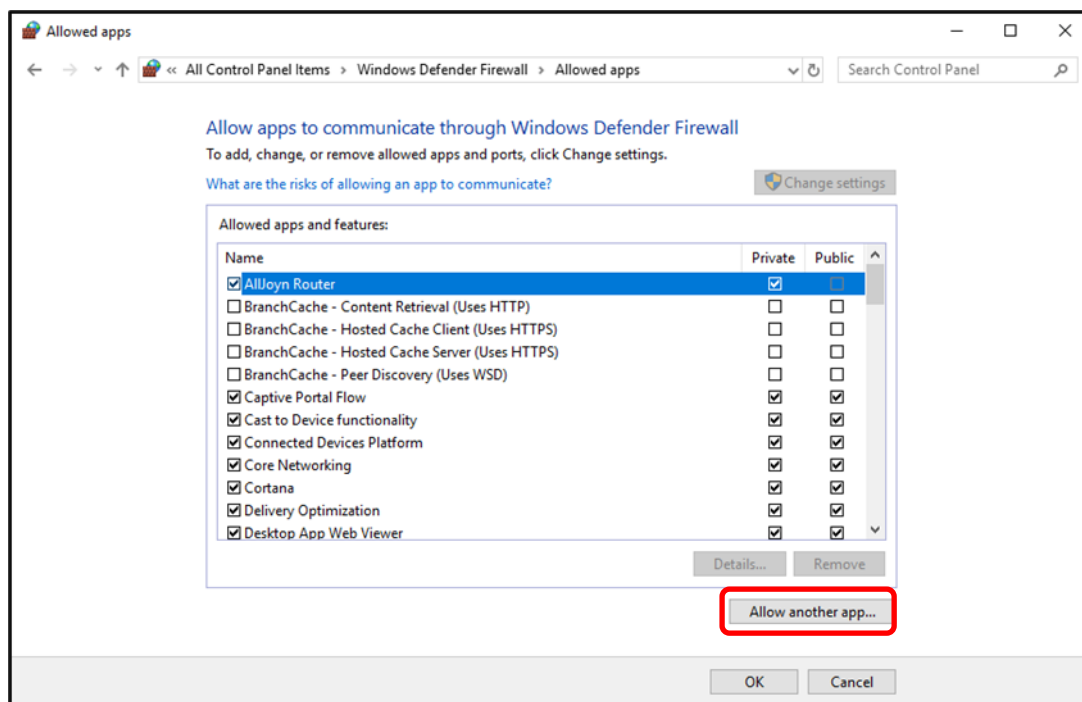




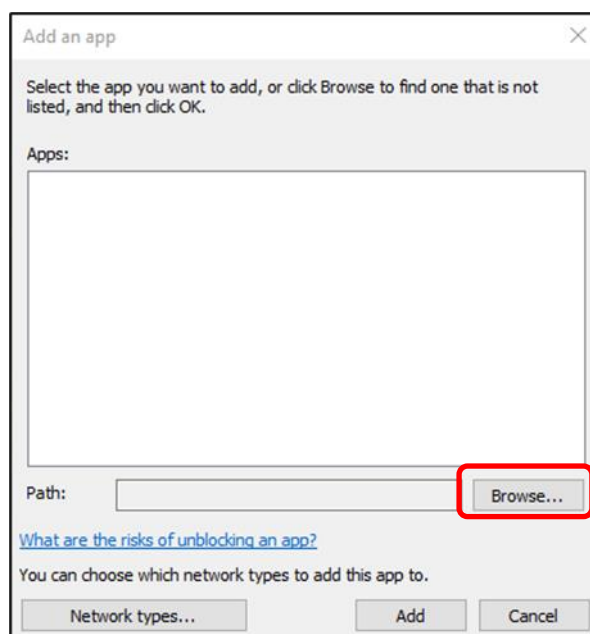
5. Select "Allow an app or feature through Windows Defender Firewall".



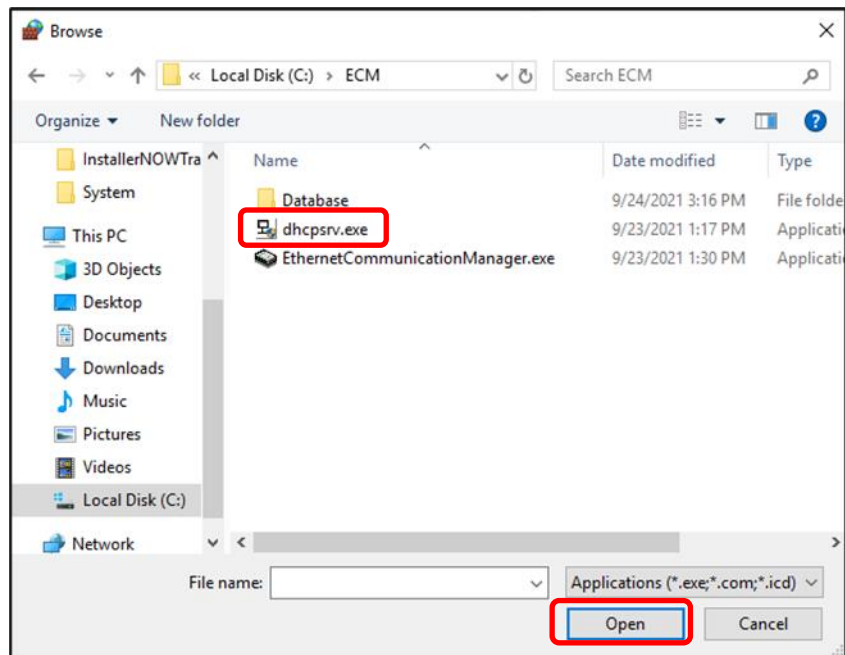
6. The screen show "Allow an app or feature through Windows Defender Firewall". Click "Allow another app" to add program.



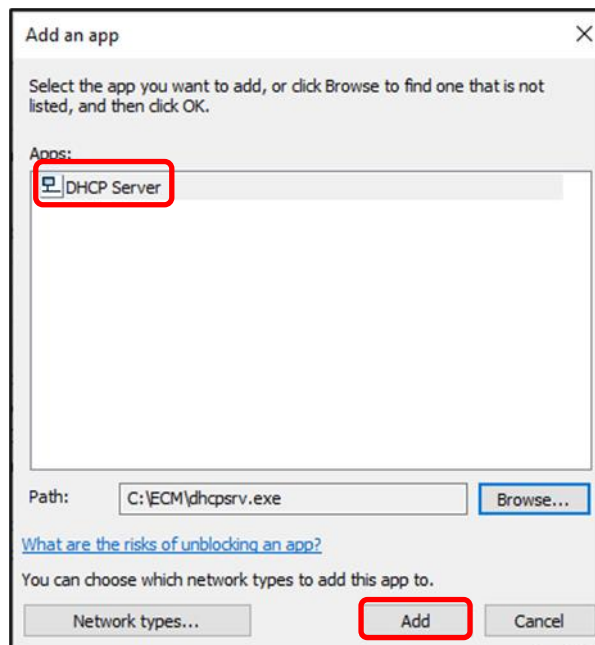
7. Click "Browse" to select program.



8. Select dhcpserver in the C:\Program Files, then click "Open".

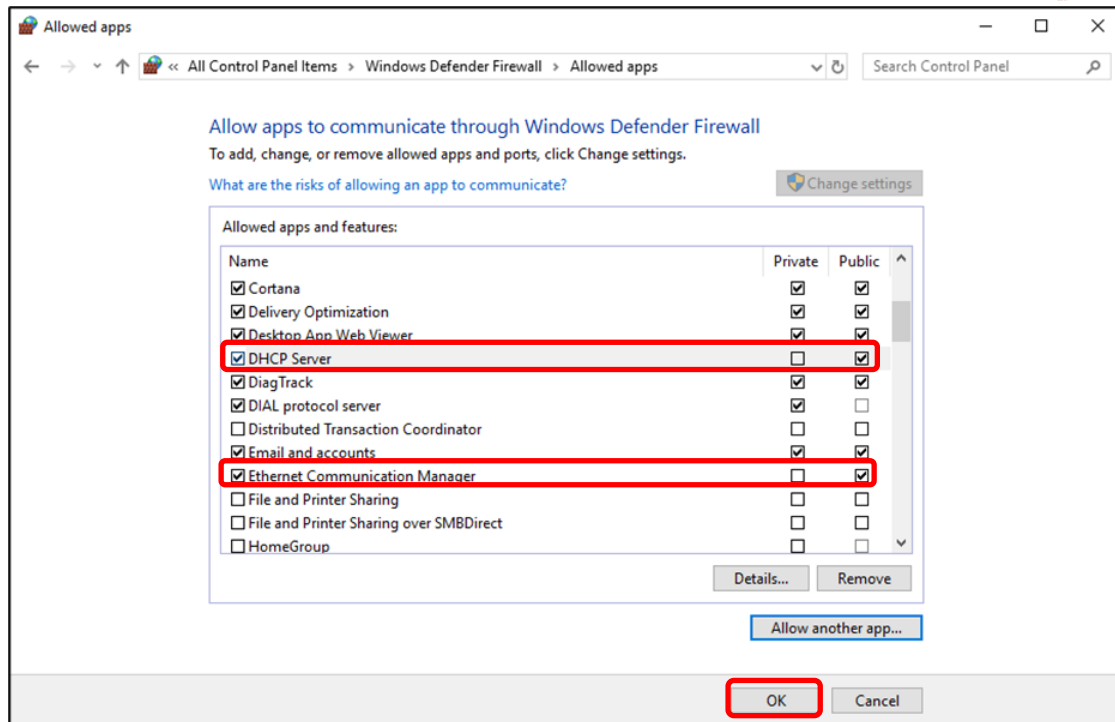


9. Make sure “DHCP Server for Windows” exist in the list, then click “Add”.



10. Repeat step 6~9 to add “EthernetCommunicationManager” in the C:\ECM.

11. Return to “Allow an app or feature through Windows Defender Firewall”.  
Make sure added program exist in the list, then click “OK”.



12. Click “X” to close “Windows Defender Firewall”

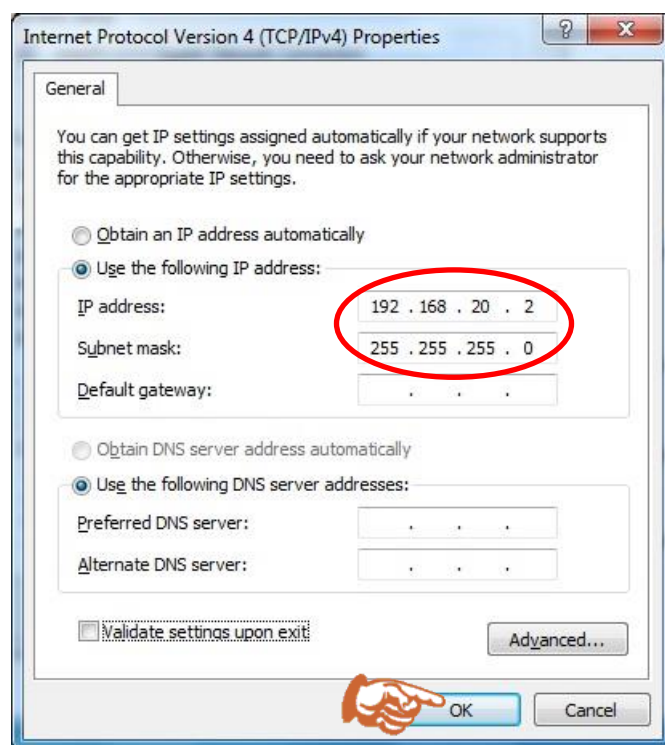
## Ethernet connection between RFID Box and PC

**CAUTION:** Network setting change must be handled by a user with computer administrative privileges. (Screen shots in this section are Windows 7 base.)

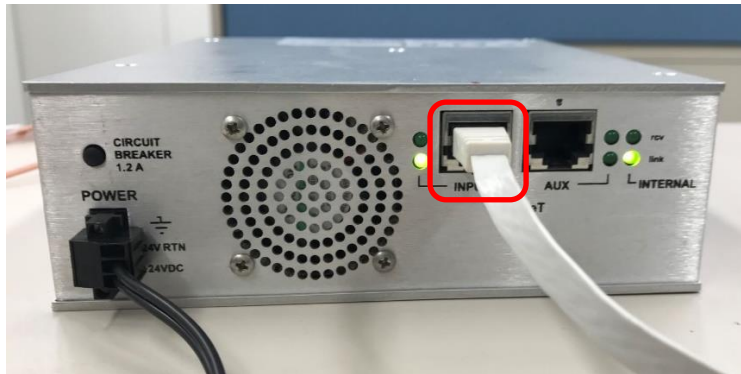
1. Set IP address and Subnet Mask of Network Interface Card as followed.

IP address : 192.168.20.2

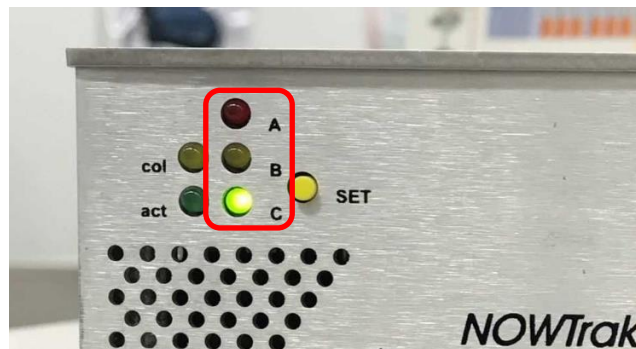
Subnet Mask : 255.255.255.0



2. Connect Ethernet cable to Ethernet port on the PC and another end connect to Ethernet port marked "INPUT" on the RFID Box.



3. Turn power on RFID Box. Status LED will change from red to yellow. Yello LED mean communication is established.

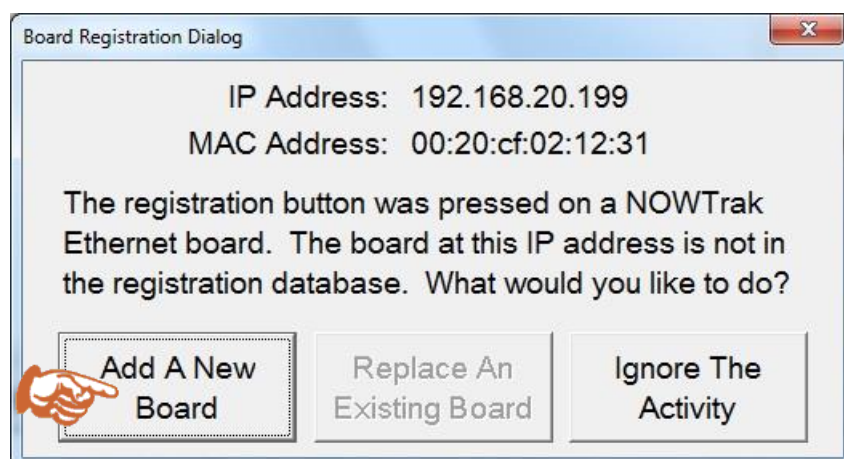


## Work instruction for setting ETHERNET COMMUNICATION MANAGER (ECM):

1. Double click EthernetCommunicationManger.exe in the C:\ECM folder. (ECM screen will be displayed and hidden immediately.)
2. Select EthernetCommunicationManger.exe and right click to add to Startup
3. Press the Pick-Me (S2) switch on the RFID box (401212).



4. A dialog will pop up on the screen showing the MAC address of the board and the IP address to be assigned.
5. Click the “Add a New Board” to add the board to the list of registered boards in the ECM.



6. Input Board Name then click Accept.

Note: Use the slot number or label name of the box as the board name. Example  
“Slot 100”

Add a new board dialog

IP Address: 192.168.20.199  
MAC Address: 00:20:cf:02:12:31

Select a Slot to assign to the board at this IP address and press 'OK' or press 'Cancel' for other options.

Slot 100

Board Name Slot 100

Accept Cancel

7. When complete press DONE to exit the ECM manager.

Ethernet Communications Manager - Critical Materials Management System - Copyright (c) 2005, Entegris Inc.

Registered Boards

| Slot | IP Address     | MAC Address       | Board Name |
|------|----------------|-------------------|------------|
| 100  | 192.168.20.199 | 00:20:cf:02:12:31 | Slot 100   |

Delete Board

Delete All Boards

Version 4.1.0.0

Done

Historical Activity

03.02.2018 16:33:38, Added a new board - 192.168.20.199  
03.02.2018 16:30:32, Picked me pressed - 192.168.20.199 -> 00:20:cf:02:12:31  
01.19.2018 17:43:14, Deleted all boards  
12.22.2017 16:13:42, Picked me pressed - 192.168.20.200 -> 00:40:9d:43:35:97  
12.18.2017 17:31:54, Added a new board - 192.168.20.199  
12.18.2017 17:31:43, Picked me pressed - 192.168.20.199 -> 00:20:cf:02:12:31  
12.07.2017 16:30:22, Added a new board - 192.168.20.200  
12.07.2017 16:30:09, Picked me pressed - 192.168.20.200 -> 00:40:9d:43:35:97  
12.07.2017 15:47:03, Ignored activity - 192.168.20.100  
12.07.2017 15:46:57, Picked me pressed - 192.168.20.100 -> 00:40:9d:33:a2:7a

Ready

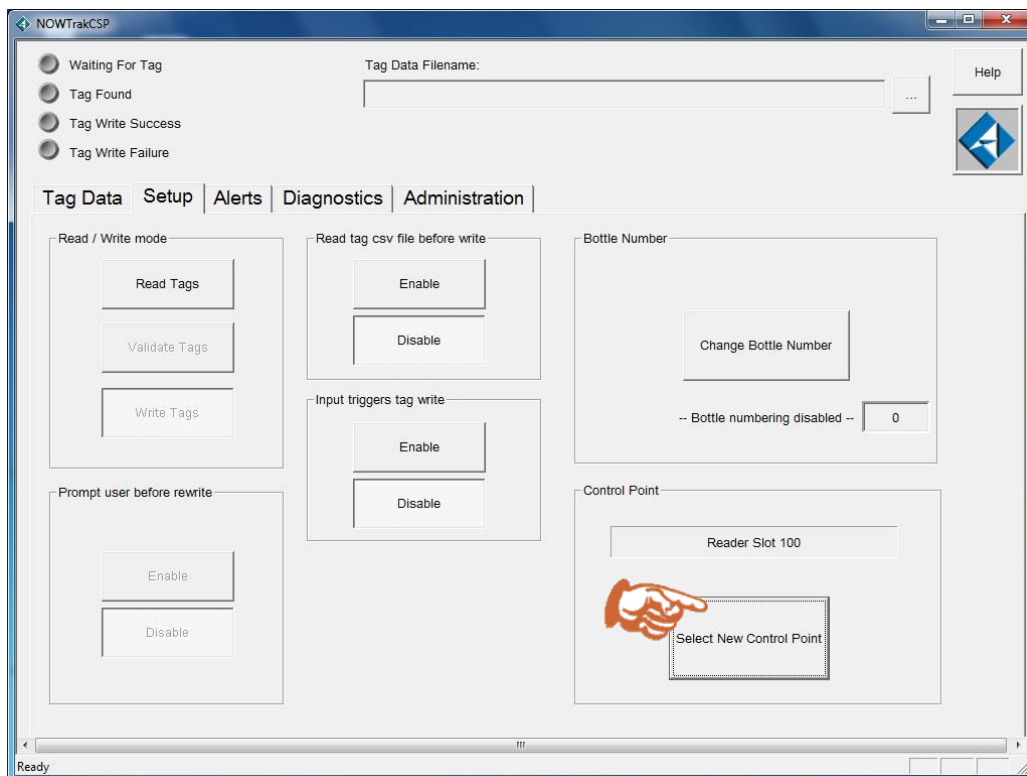


## NOWTrakCSP initial setup – Control point setup procedure

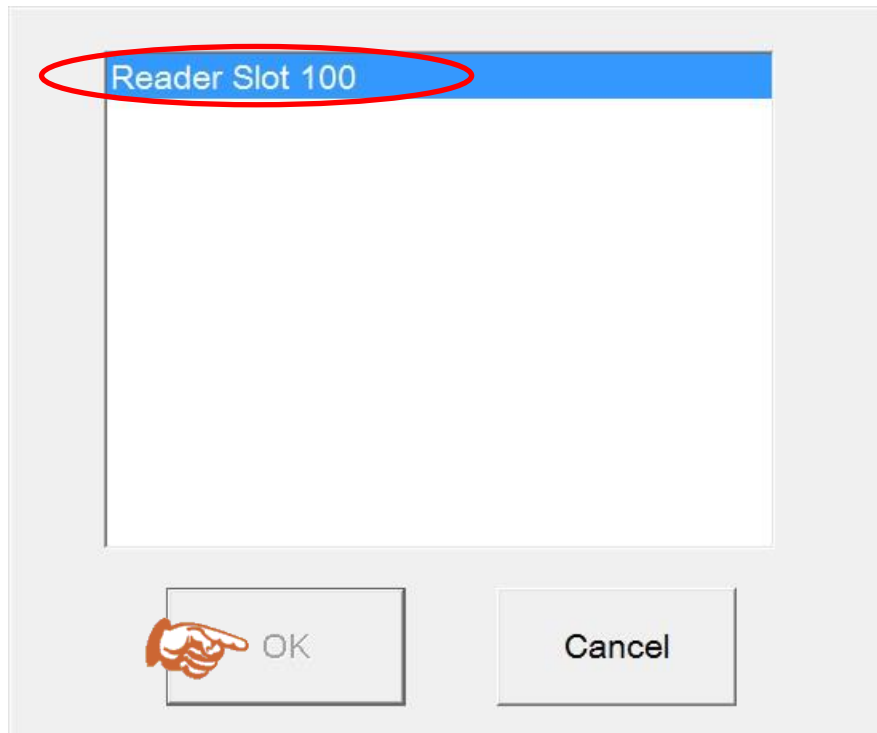
1. Connect tag writing head (Wand) to CH1 LED / RF port on the RFID box. (Only CH1 is applicable for tag writer software).



2. Start NOWTrakCSP program by double clicking shortcut on the desktop.
3. Move to “Setup” tab.
4. Click “Select New Control Point”.



5. Select "Reader slot 100" in the pop-up window then click "OK".



6. Tag writer program is ready for use now.

End of Document