

AB PLC to Rexnord's Smart Condition Monitoring System (SCMS) Communications using the Rexnord provided Electronic Data Sheet (EDS), User Data Type (UDT) and Add On Instruction (AOP) files.

I. IMPORTANT DISCLAIMERS

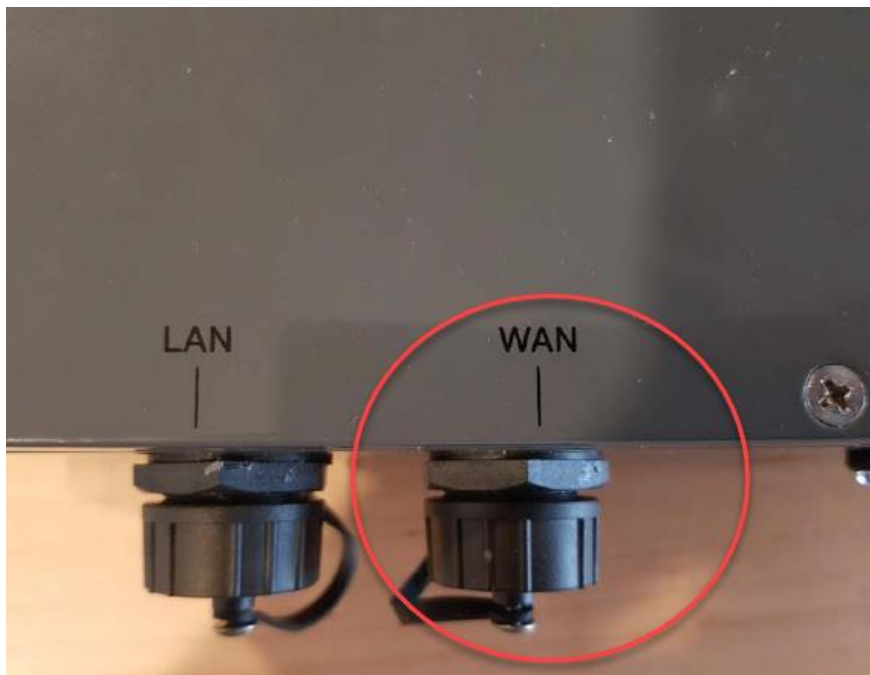
- A. This guide assumes that the user has basic to advanced knowledge of PLC programming including the use of RSLogix Studio 5000
- B. Not all tags created by these files may be in use by user's particular Smart Condition Monitoring System. This is dependent upon model and options.
- C. Rexnord offers these files with no warranty and does not guarantee that they will work with all versions of RS Logix Studio 5000.
- D. It is recommended that user backs up any current applications these files may be added.
- E. All temperatures will be reported in degrees Celsius.

II. SETTING THE IP ADDRESS IN THE SCMS EDGE DEVICE

The SCMS Edge Device (brains of the system) must be on the same TCP/IP Subnet as the PLC.

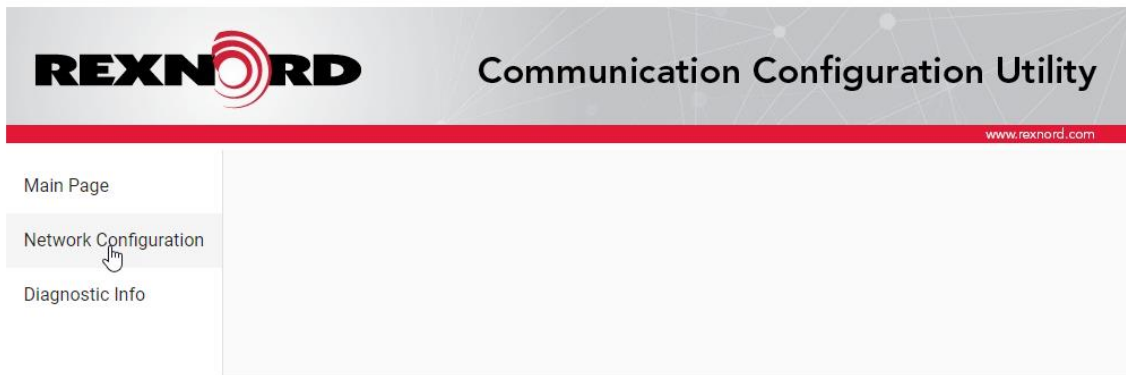
Change the default IP address by using the following steps:

1. Connect a Cat 5E Ethernet Cable between a computer and the SCMS Edge Device' WAN port.



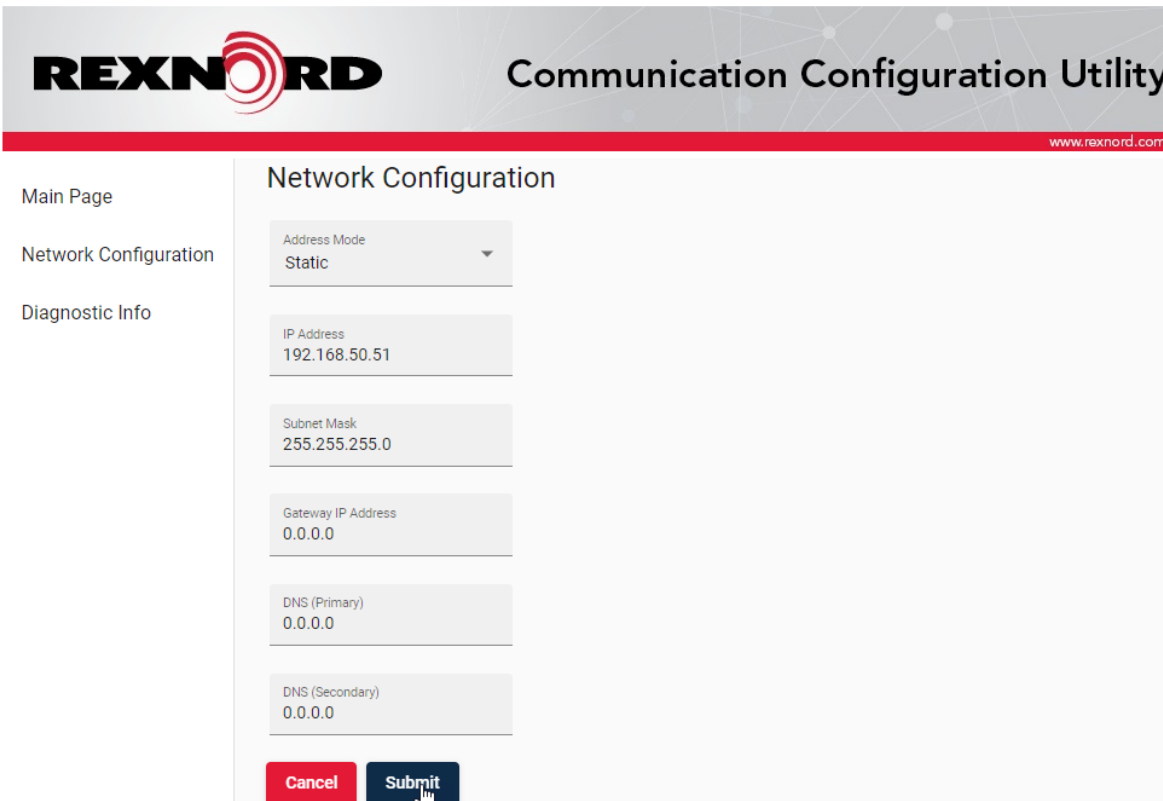
2. Set the computer's IP address to any address in the 192.168.21.xxx subnet that is not 192.168.21.2, 192.168.21.0. IE 192.168.21.200

3. Open a Web Browser like Chrome and type in the SED's default WAN IP: 192.168.21.2 and press "Enter." This will open the following:



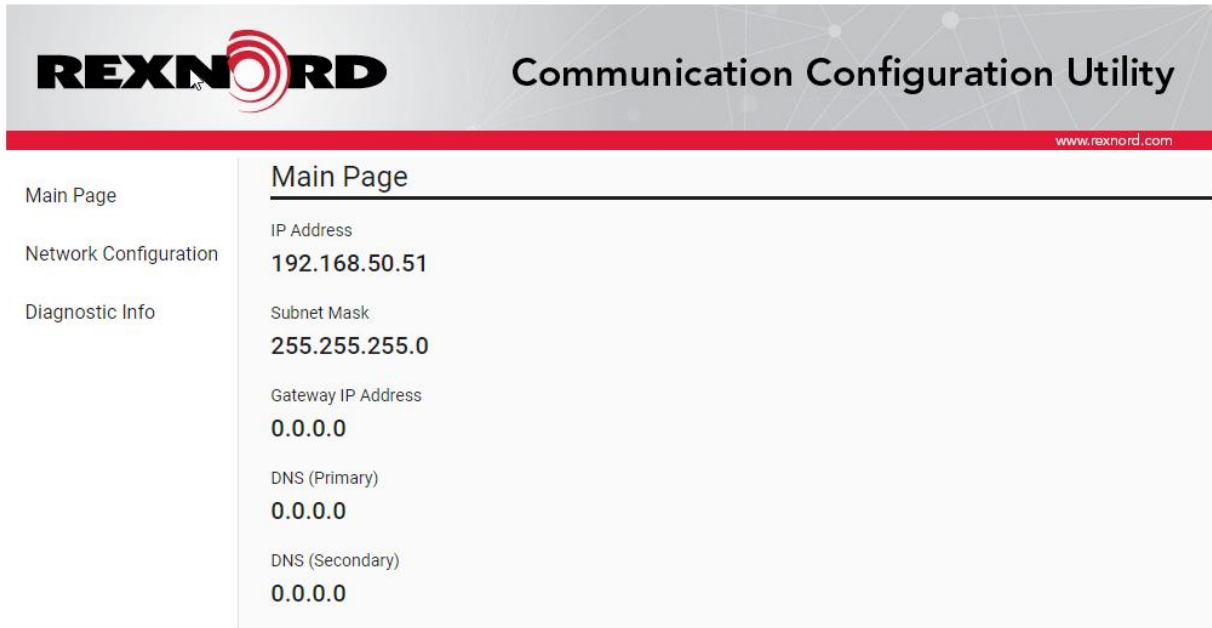
1.0.0

4. Click on "Network Configuration." Make sure the Address mode is set to "Static." Enter in the "IP Address" and Subnet Address desired. 192.168.50.51 was used for this example. Click "Submit."



1.0.0

5. Click on “Main Page” and verify your IP Address and Subnet Mask has been updated.



**REXNORD** Communication Configuration Utility

www.rexnord.com

Main Page

Network Configuration

Diagnostic Info

**Main Page**

IP Address  
**192.168.50.51**

Subnet Mask  
**255.255.255.0**

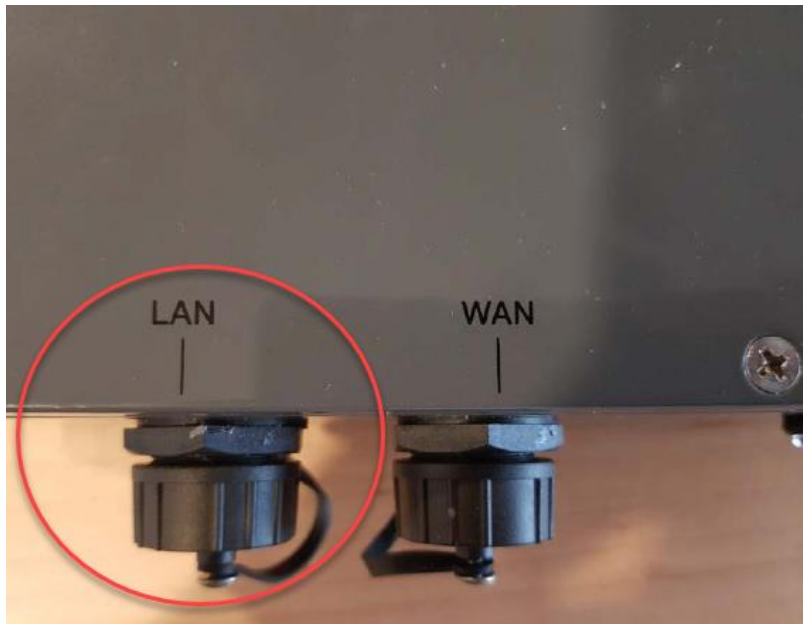
Gateway IP Address  
**0.0.0.0**

DNS (Primary)  
**0.0.0.0**

DNS (Secondary)  
**0.0.0.0**

1.0.0

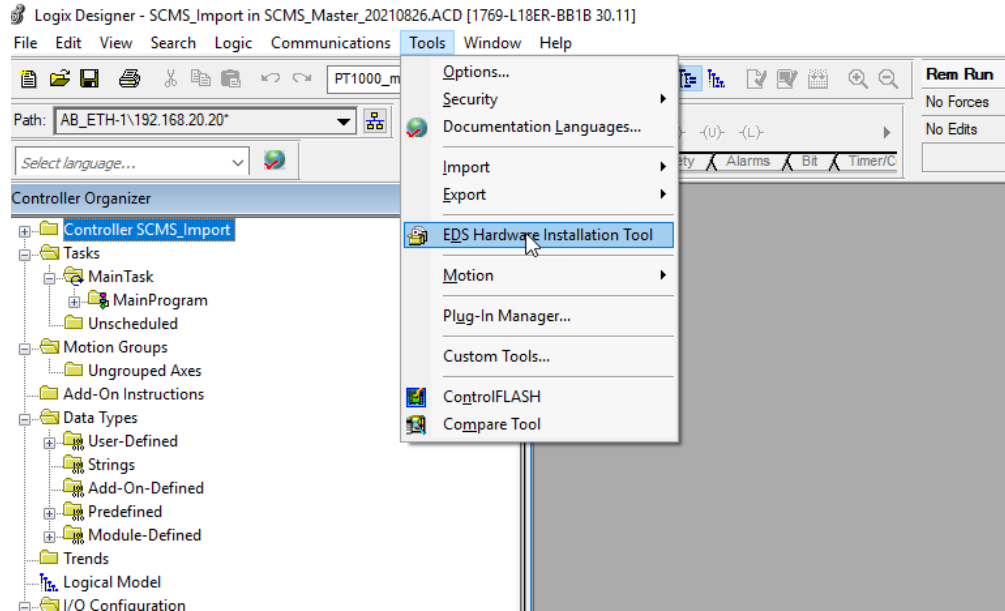
6. Now connect the SED to the PLC network using the LAN port.



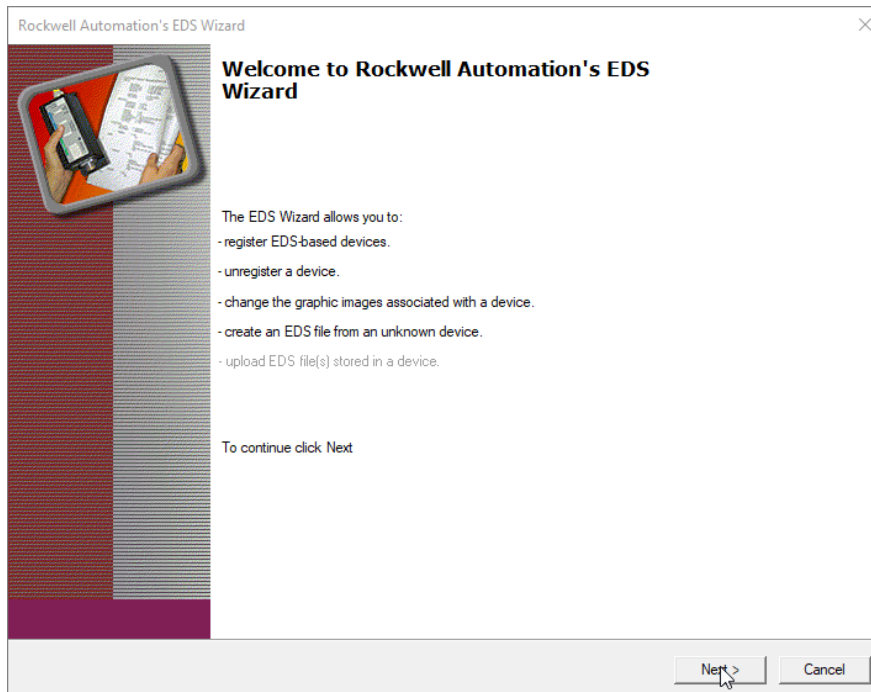
You should now be able to “Ping” the SED from any computer connected to the PLC Network.

### III. INSTALLING THE EDS FILE

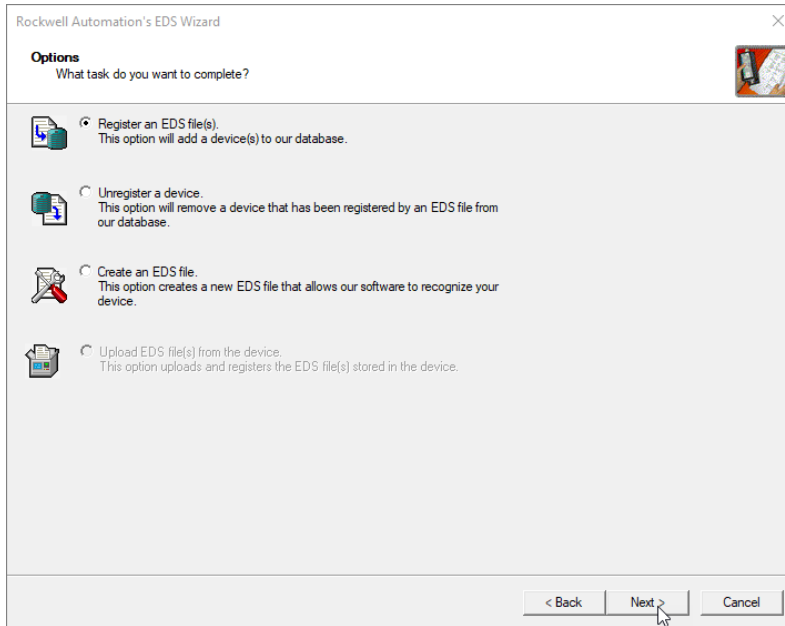
1. Open a New or Existing Project in Studio 5000. Click on “Tools” and “EDS Hardware Installation Tool.”



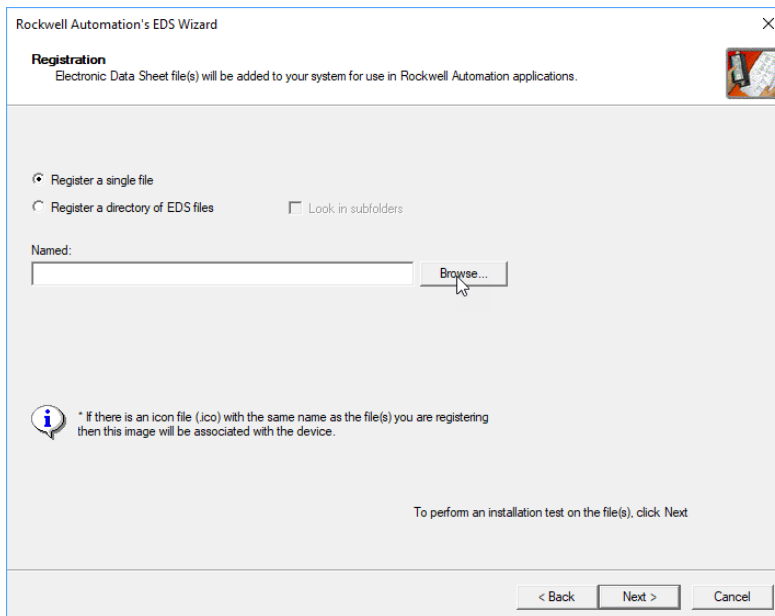
2. The Rockwell Automation’s EDS Wizard will open. Click “Next.”



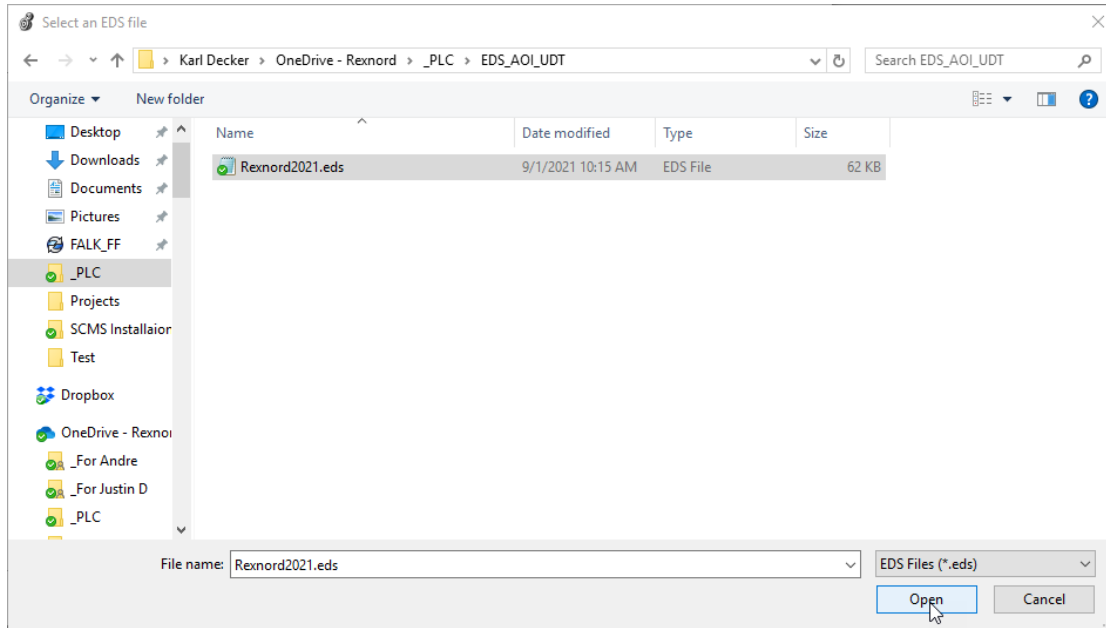
3. In the Options Window, make sure “Register an EDS file(s).” is selected and click “Next.”



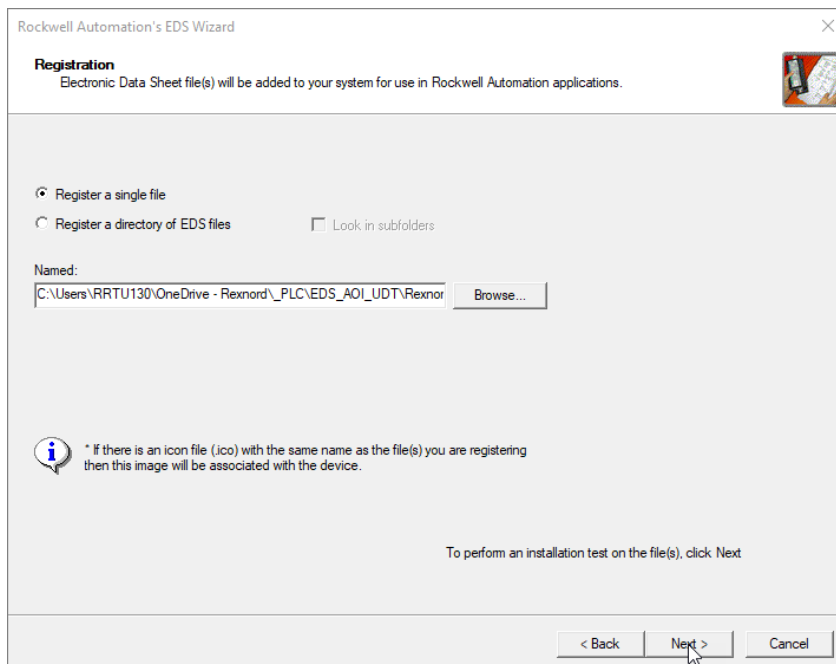
4. In the next window, click “Browse.”



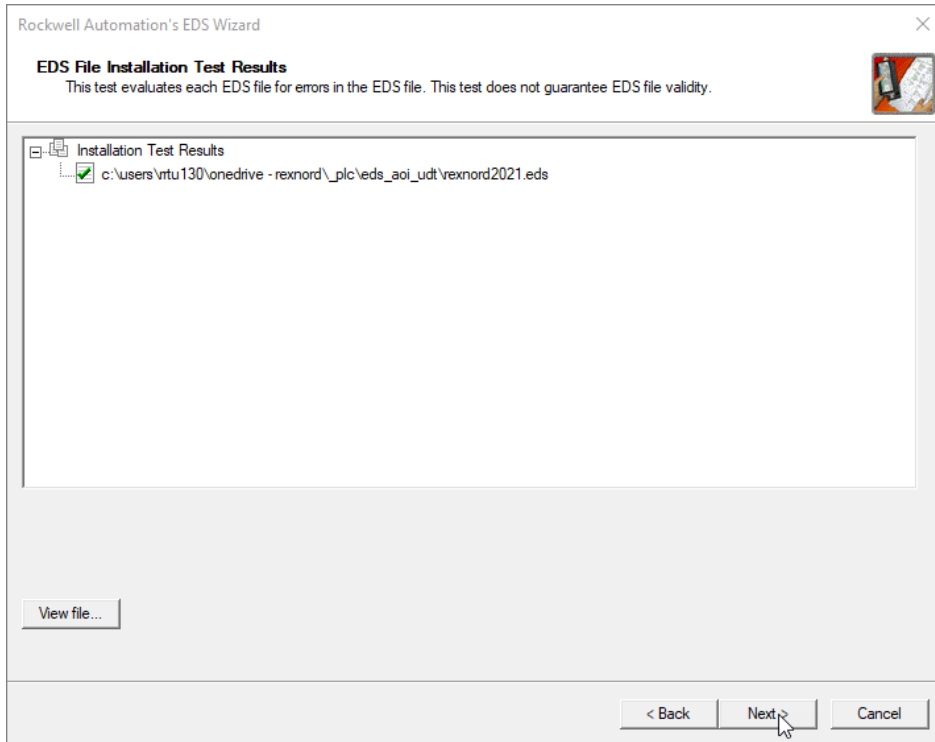
5. A dialog box will open. Find the location where you have stored the EDS file that you downloaded, highlight it and click “Open.”



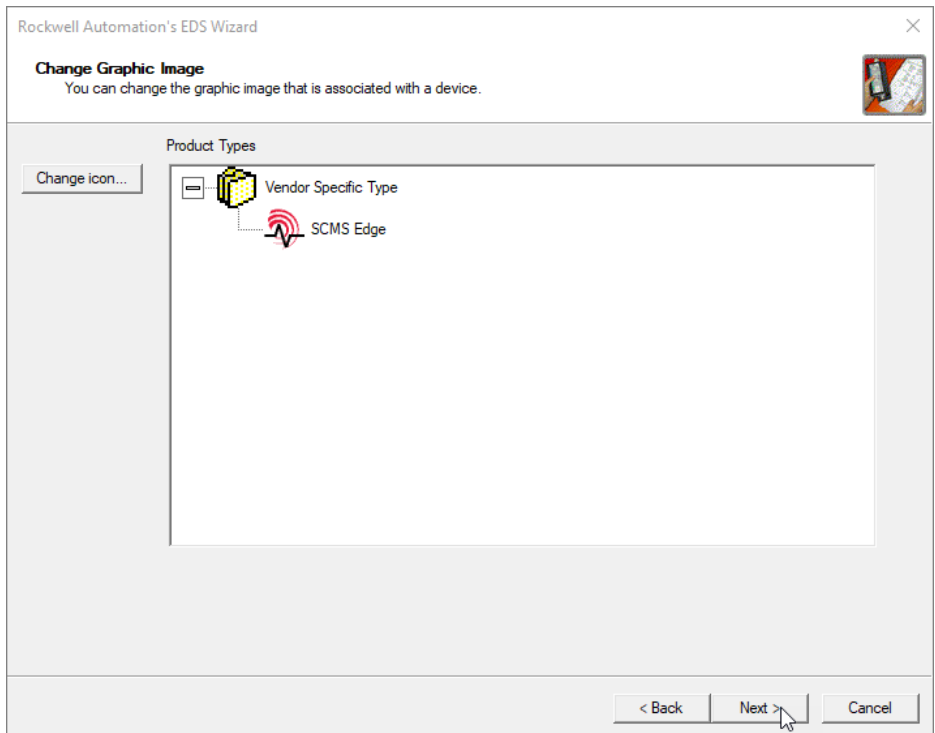
6. Click “Next.”



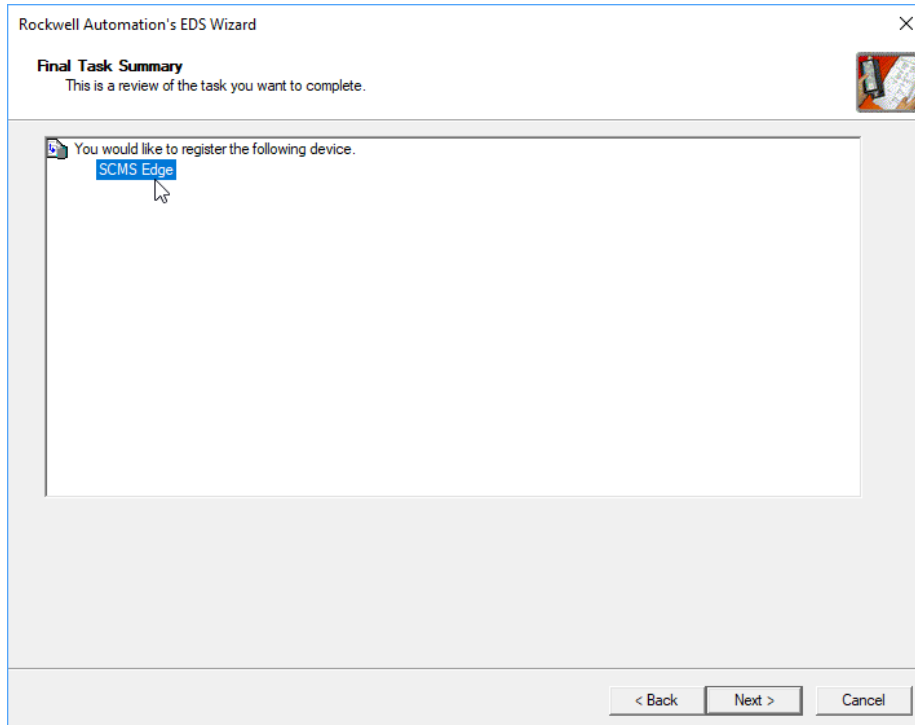
7. Click "Next."



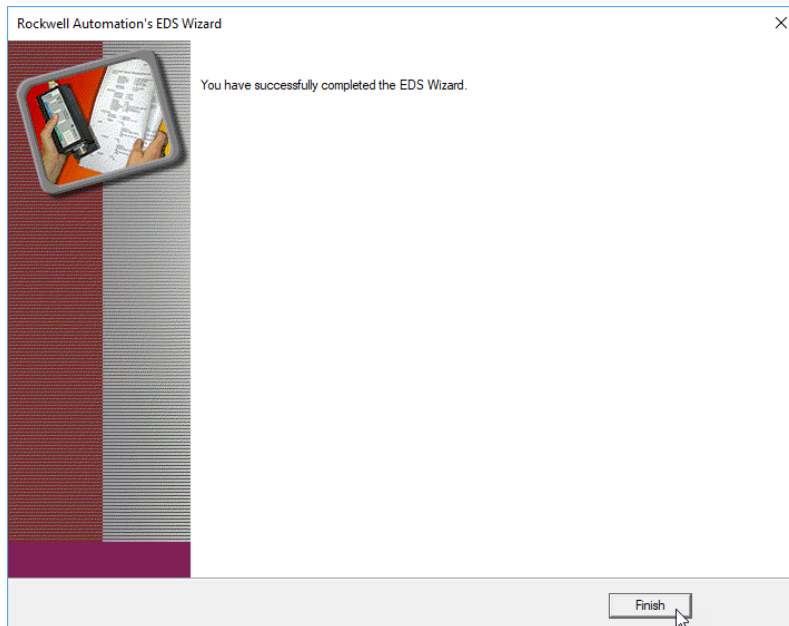
8. Click "Next."



9. Highlight "SCMS Edge," and click "Next."



10. You should see the following. Click "Finish."



You have now completed the installation of the EDS File.