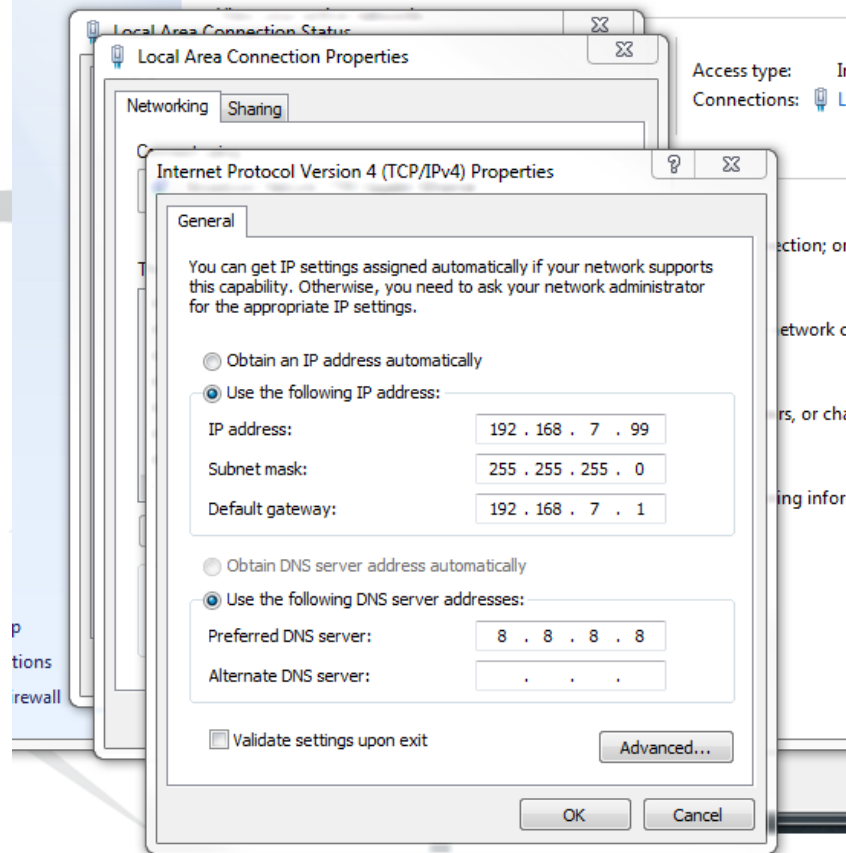




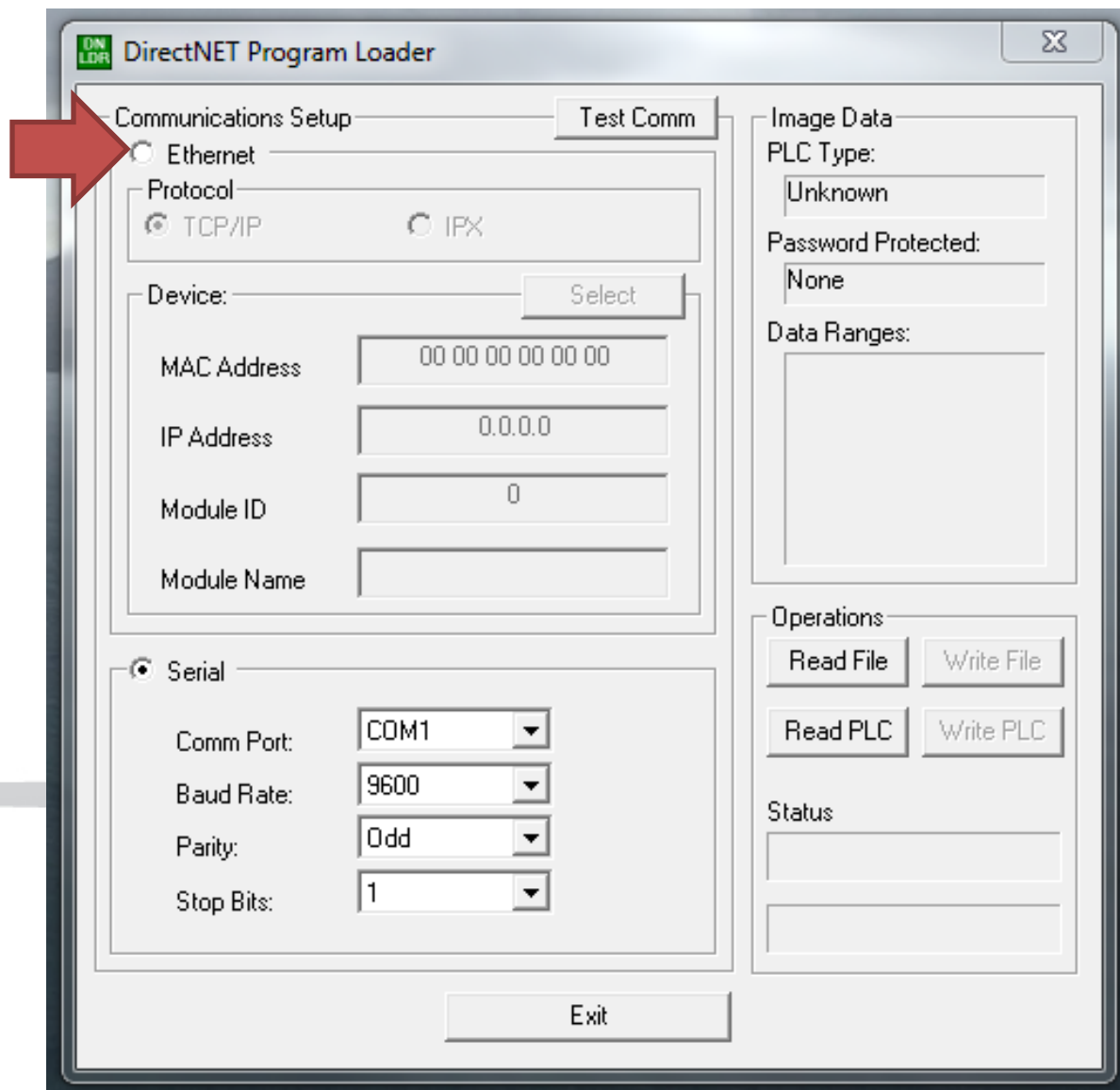
Connect computer to Ethernet Switch (This computer)



Configure to machine IP address range

For most sites, the above configuration will work. If your site uses a different IP address range, adjust accordingly.

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DirectNET Program Loader

Communications Setup Test Comm

☐ Ethernet ☒ TCP/IP ☐ IPX

Protocol

Device: Select

MAC Address: 00 00 00 00 00 00

IP Address: 0.0.0.0

Module ID: 0

Module Name:

☒ Serial

Comm Port: COM1

Baud Rate: 9600

Parity: Odd

Stop Bits: 1

Image Data

PLC Type: Unknown

Password Protected: None

Data Ranges:

Operations

Read File Write File

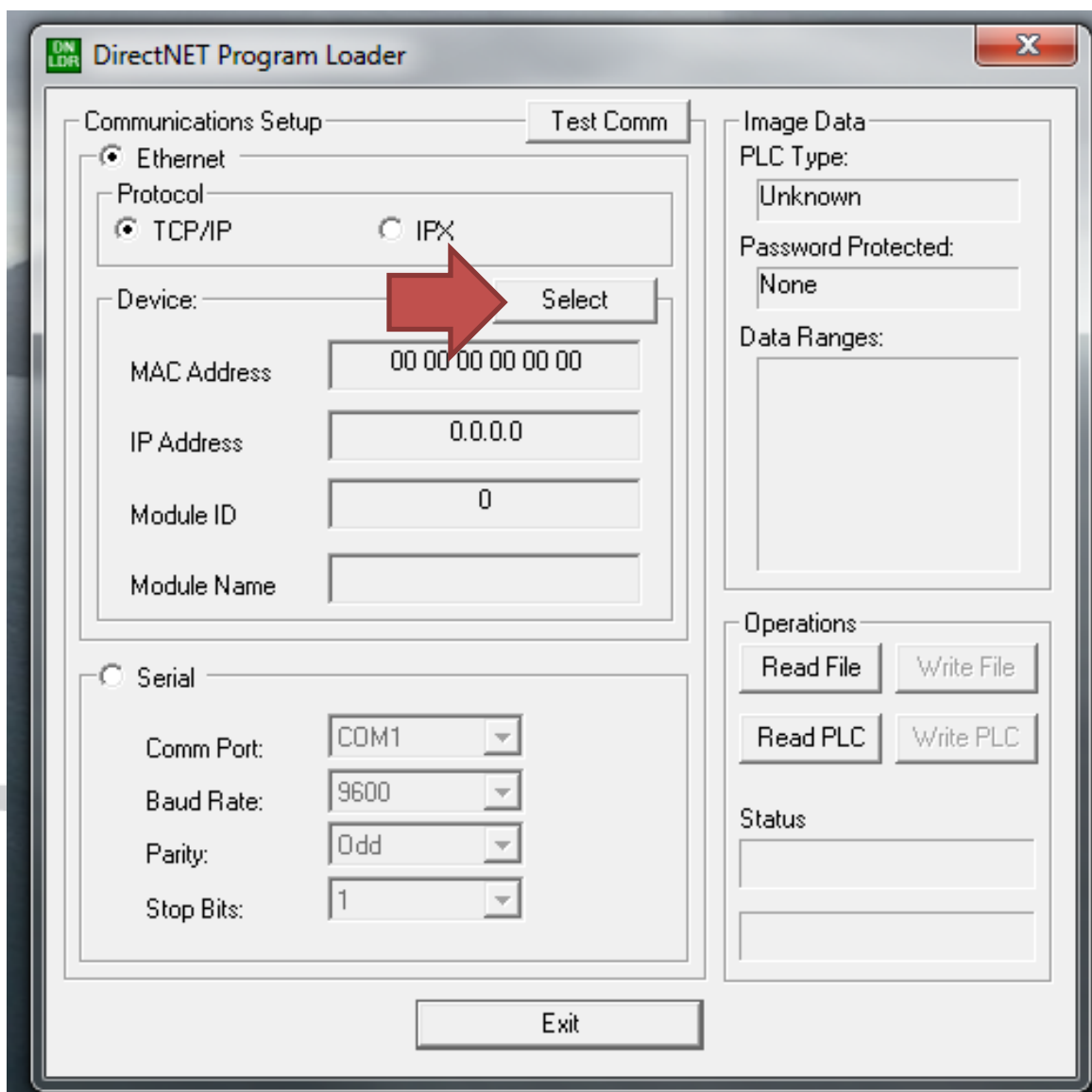
Read PLC Write PLC

Status

Exit

Select “Ethernet” Communications

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DirectNET Program Loader

Communications Setup Test Comm

☒ Ethernet

Protocol: ☒ TCP/IP ☐ IPX

Device: Select

MAC Address: 00 00 00 00 00 00

IP Address: 0.0.0.0

Module ID: 0

Module Name:

☐ Serial

Comm Port: COM1

Baud Rate: 9600

Parity: Odd

Stop Bits: 1

Image Data

PLC Type: Unknown

Password Protected: None

Data Ranges:

Operations

Read File Write File

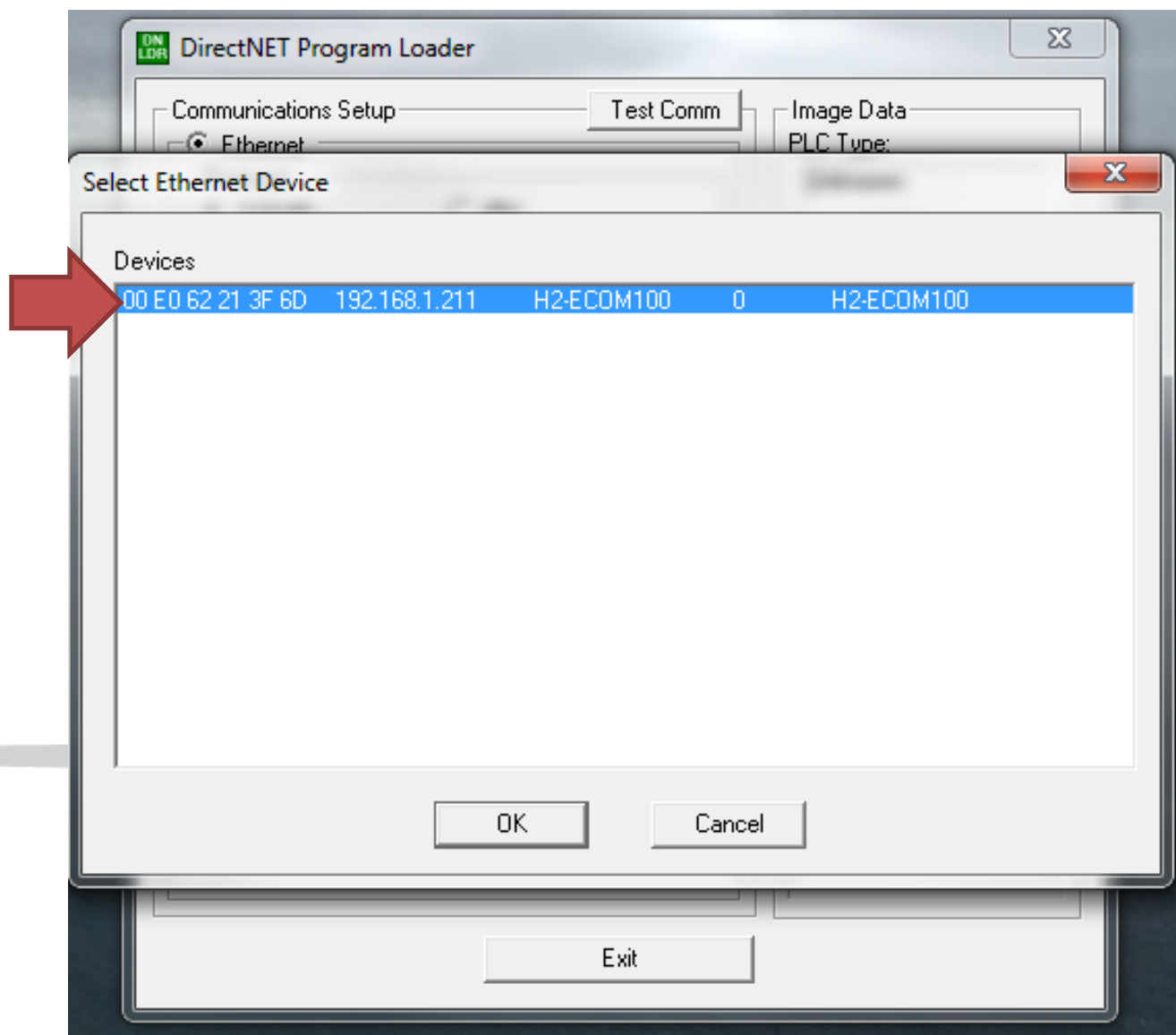
Read PLC Write PLC

Status

Exit

Press "Select"

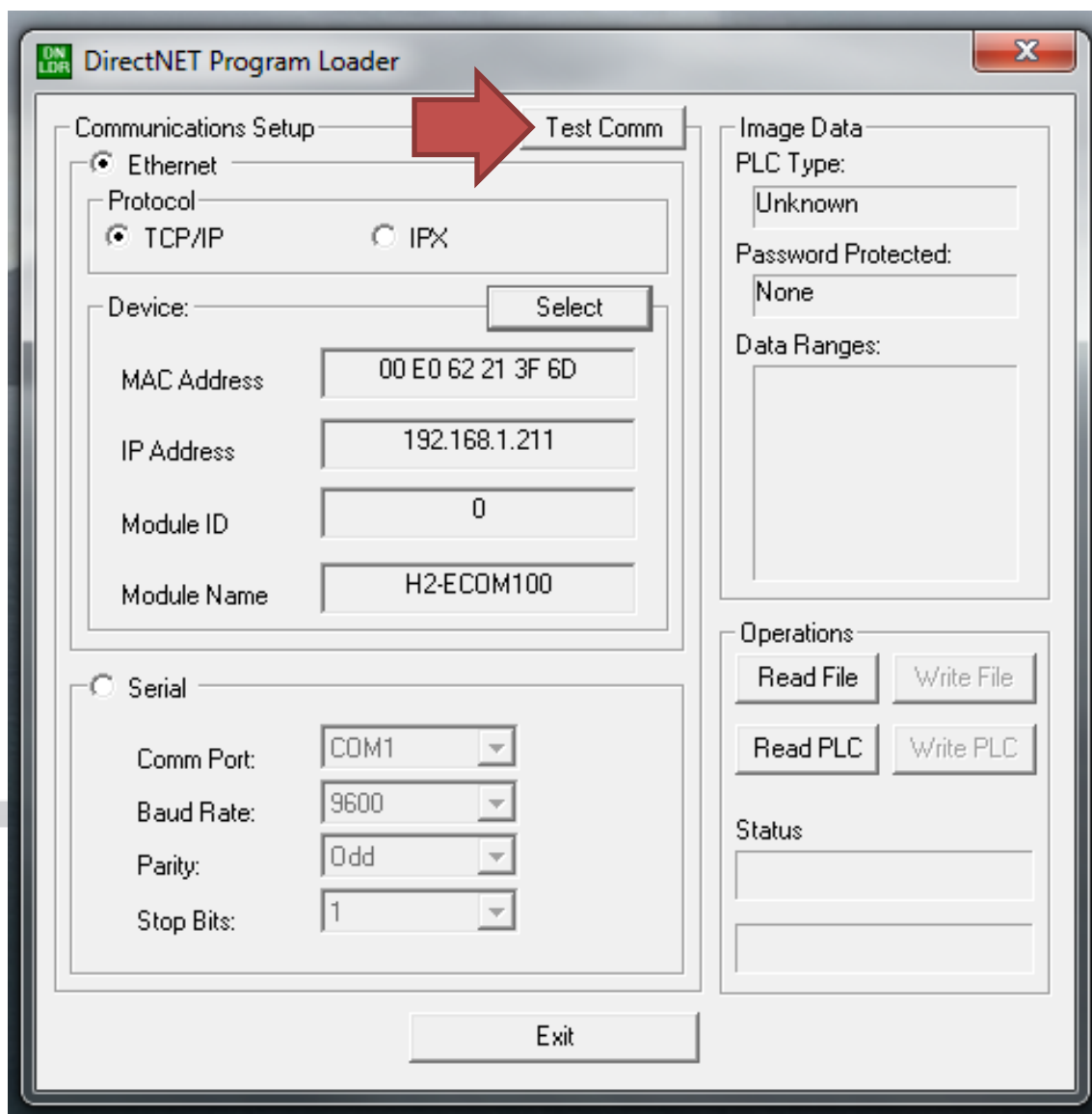
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Select the machine that you want to upload PLC software to. A typical IP address is 192.168.7.11

**If you only have one machine, there will only be one option here.
If you have multiple machines, be sure you select the correct one.**

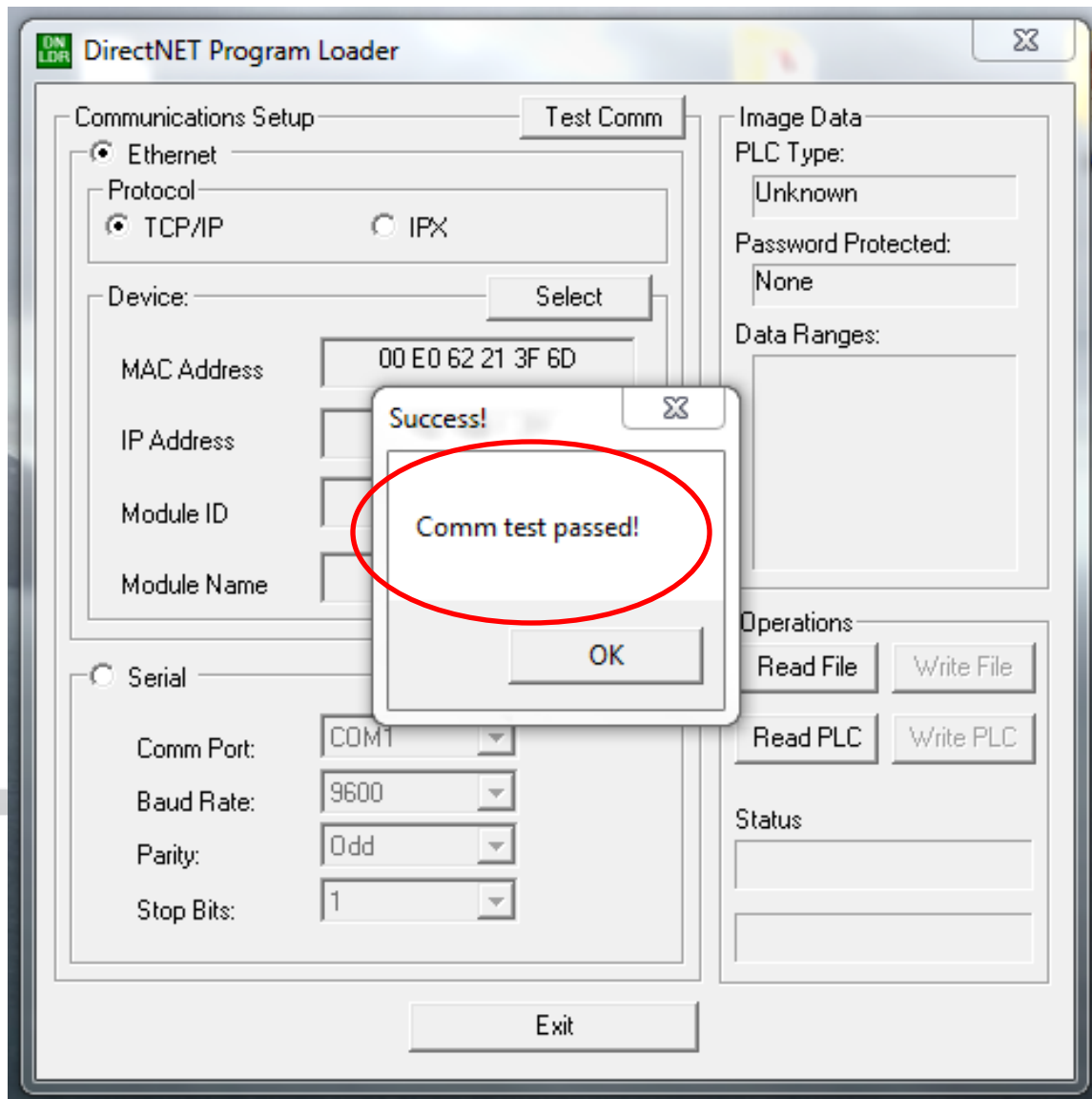
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The screenshot shows the 'DirectNET Program Loader' window. It has a title bar with a green 'DN LDR' icon and a red close button. The window is divided into several sections. On the left, under 'Communications Setup', there are two radio buttons: 'Ethernet' (selected) and 'Serial'. Under 'Ethernet', there is a 'Protocol' section with 'TCP/IP' (selected) and 'IPX' (unselected). Below this is a 'Device:' label with a 'Select' button. Further down are four text boxes: 'MAC Address' (00 E0 62 21 3F 6D), 'IP Address' (192.168.1.211), 'Module ID' (0), and 'Module Name' (H2-ECOM100). Under the 'Serial' section, there are four dropdown menus: 'Comm Port' (COM1), 'Baud Rate' (9600), 'Parity' (Odd), and 'Stop Bits' (1). On the right side, there is an 'Image Data' section with 'PLC Type' (Unknown), 'Password Protected' (None), and 'Data Ranges' (empty). Below this is an 'Operations' section with four buttons: 'Read File', 'Write File', 'Read PLC', and 'Write PLC'. At the bottom right is a 'Status' section with two empty text boxes. At the bottom center is an 'Exit' button. A large red arrow points from the 'Communications Setup' section towards the 'Test Comm' button, which is located at the top right of the main content area.

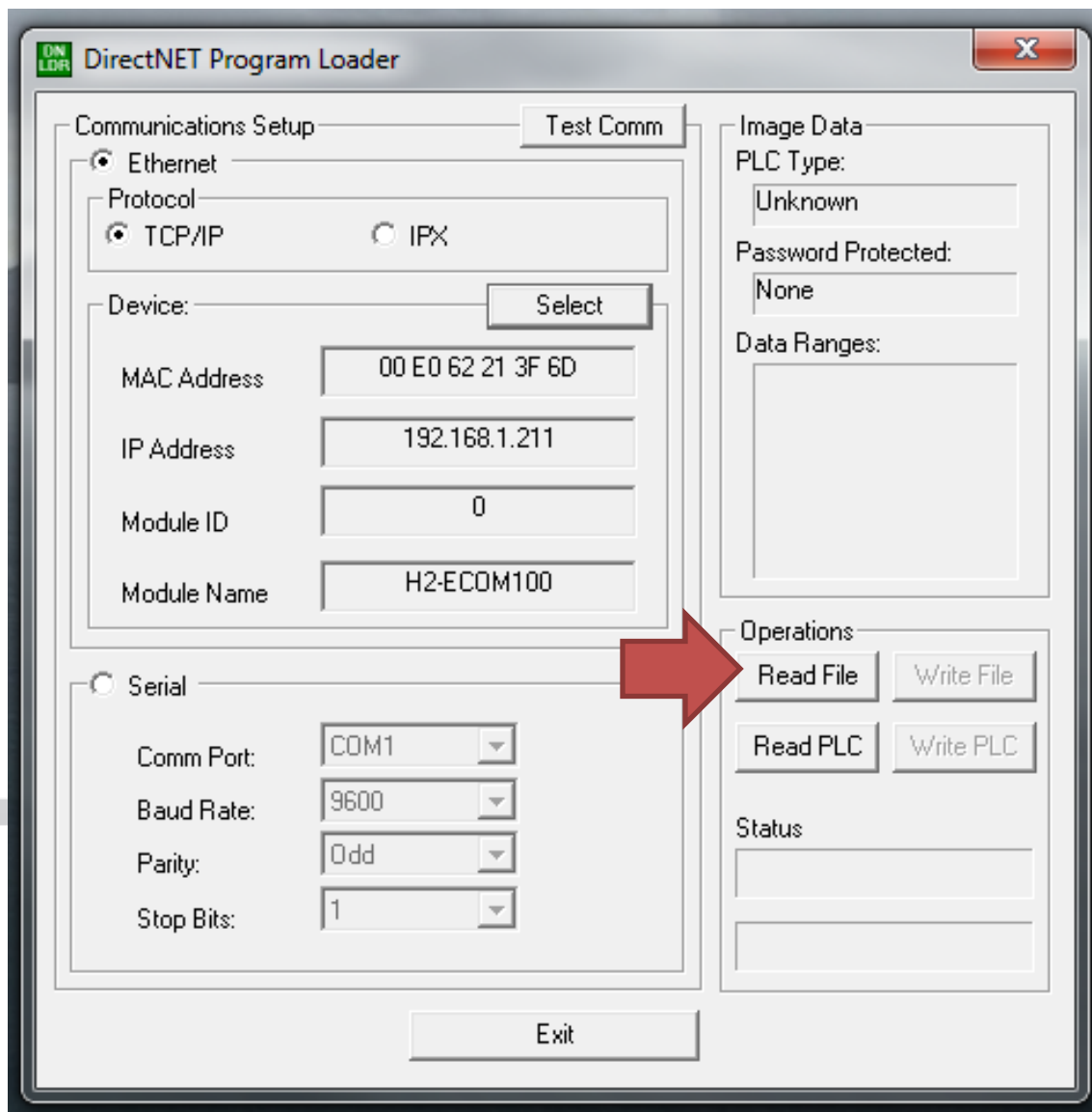
Test the communication link.

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Communications OK!

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DirectNET Program Loader

Communications Setup Test Comm

☒ Ethernet

Protocol

☒ TCP/IP ☐ IPX

Device: Select

MAC Address: 00 E0 62 21 3F 6D

IP Address: 192.168.1.211

Module ID: 0

Module Name: H2-ECOM100

☐ Serial

Comm Port: COM1

Baud Rate: 9600

Parity: Odd

Stop Bits: 1

Image Data

PLC Type: Unknown

Password Protected: None

Data Ranges:

Operations

Read File Write File

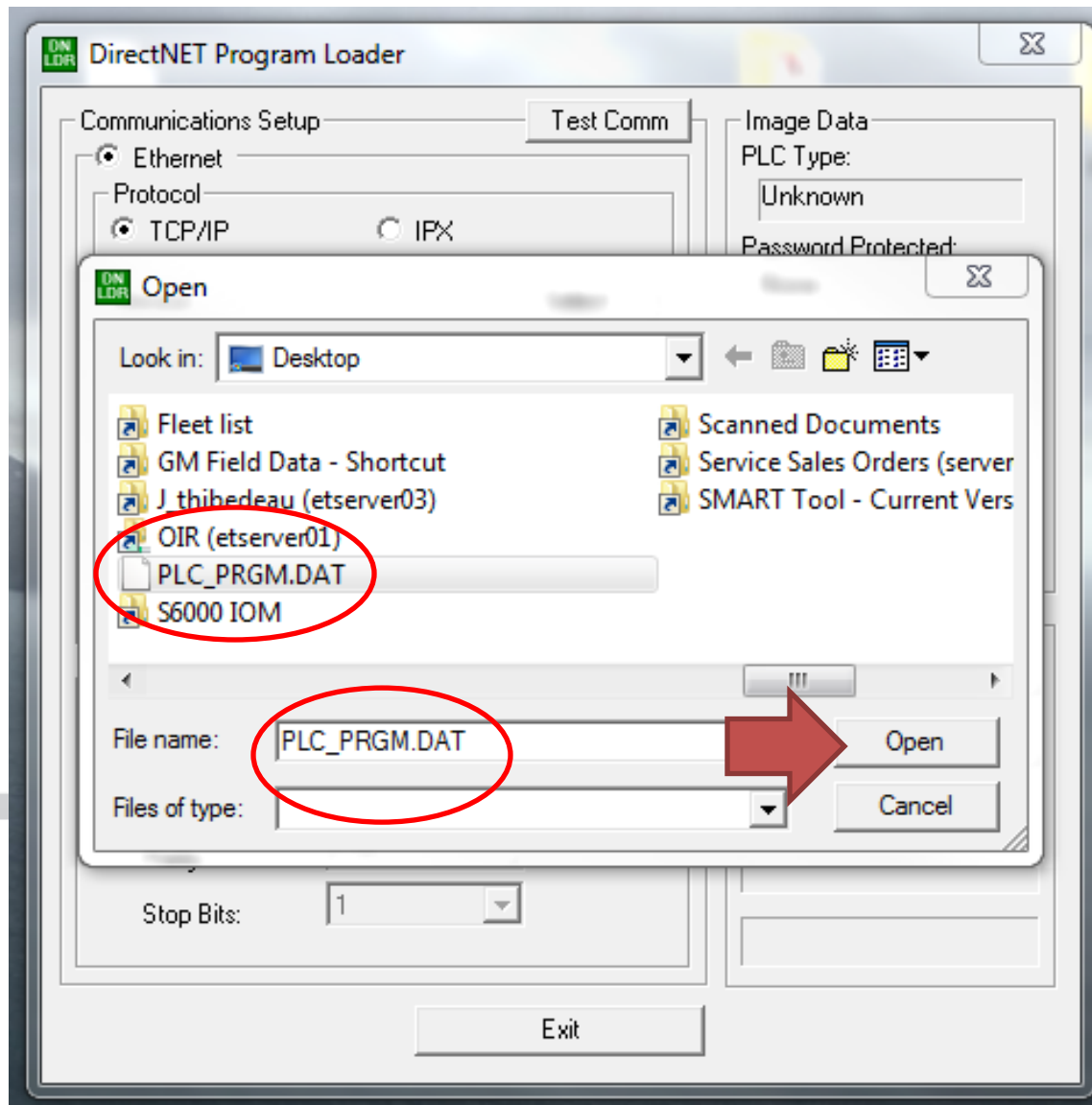
Read PLC Write PLC

Status

Exit

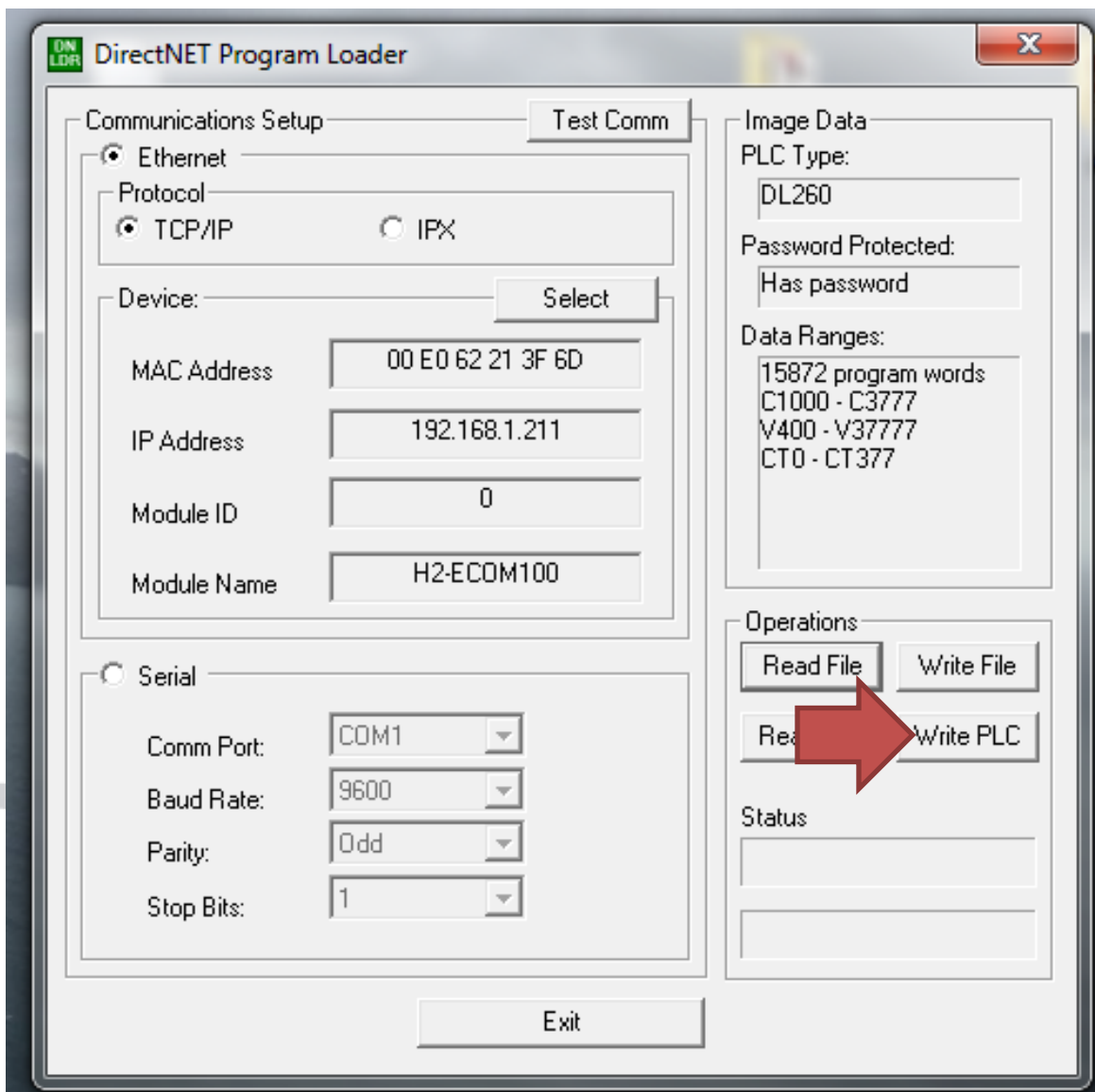
Read file from disk.

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File name will be “ETxxxx_PLC.DAT”, where xxxx is your machine serial number.

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DirectNET Program Loader

Communications Setup **Test Comm**

☒ Ethernet

Protocol

☒ TCP/IP ☐ IPX

Device: **Select**

MAC Address 00 E0 62 21 3F 6D

IP Address 192.168.1.211

Module ID 0

Module Name H2-ECOM100

☐ Serial

Comm Port: COM1

Baud Rate: 9600

Parity: Odd

Stop Bits: 1

Image Data

PLC Type: DL260

Password Protected: Has password

Data Ranges: 15872 program words
C1000 - C3777
V400 - V37777
CT0 - CT377

Operations

Read File Write File

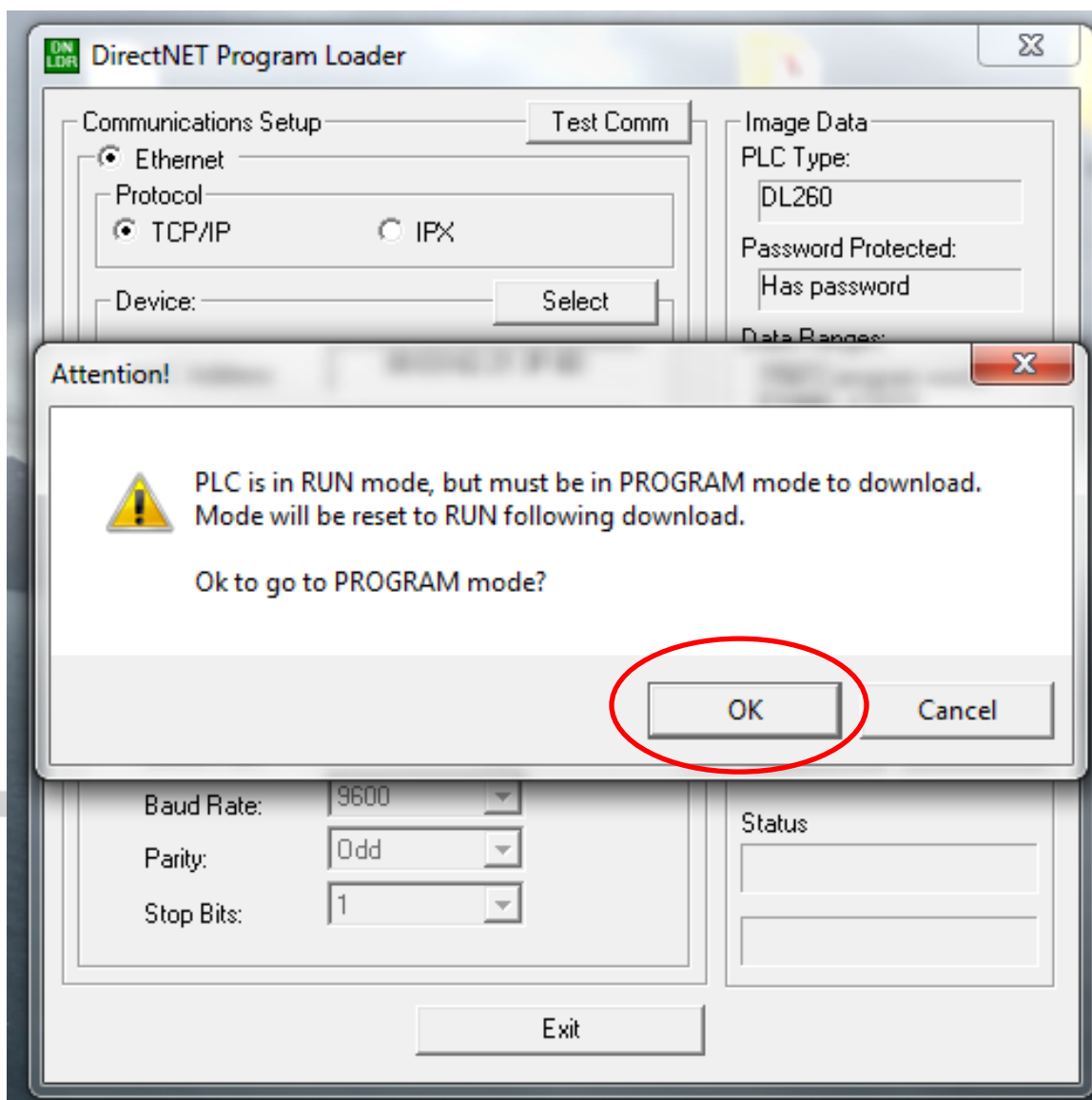
Read PLC Write PLC

Status

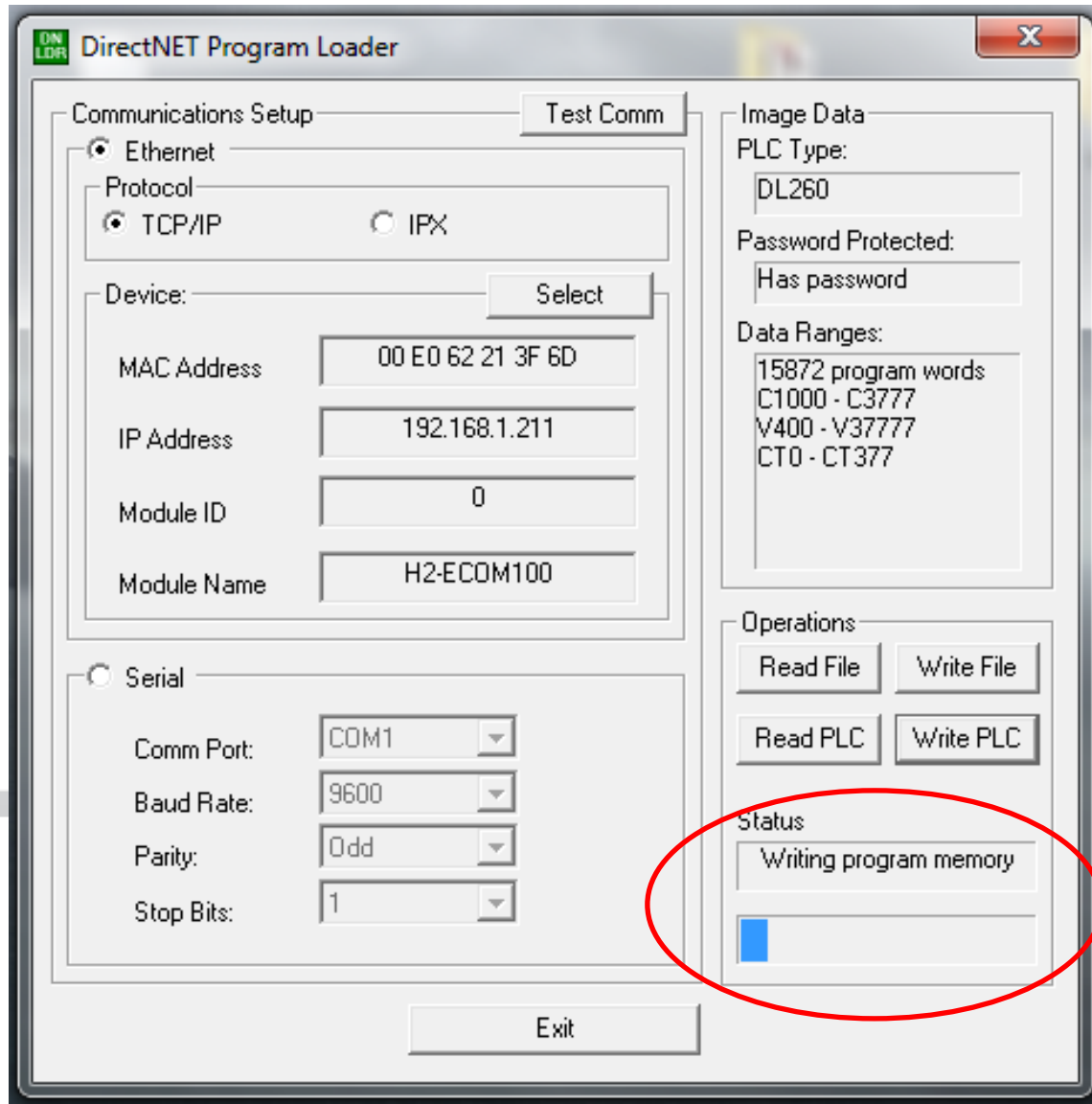
Exit

Write file to PLC.

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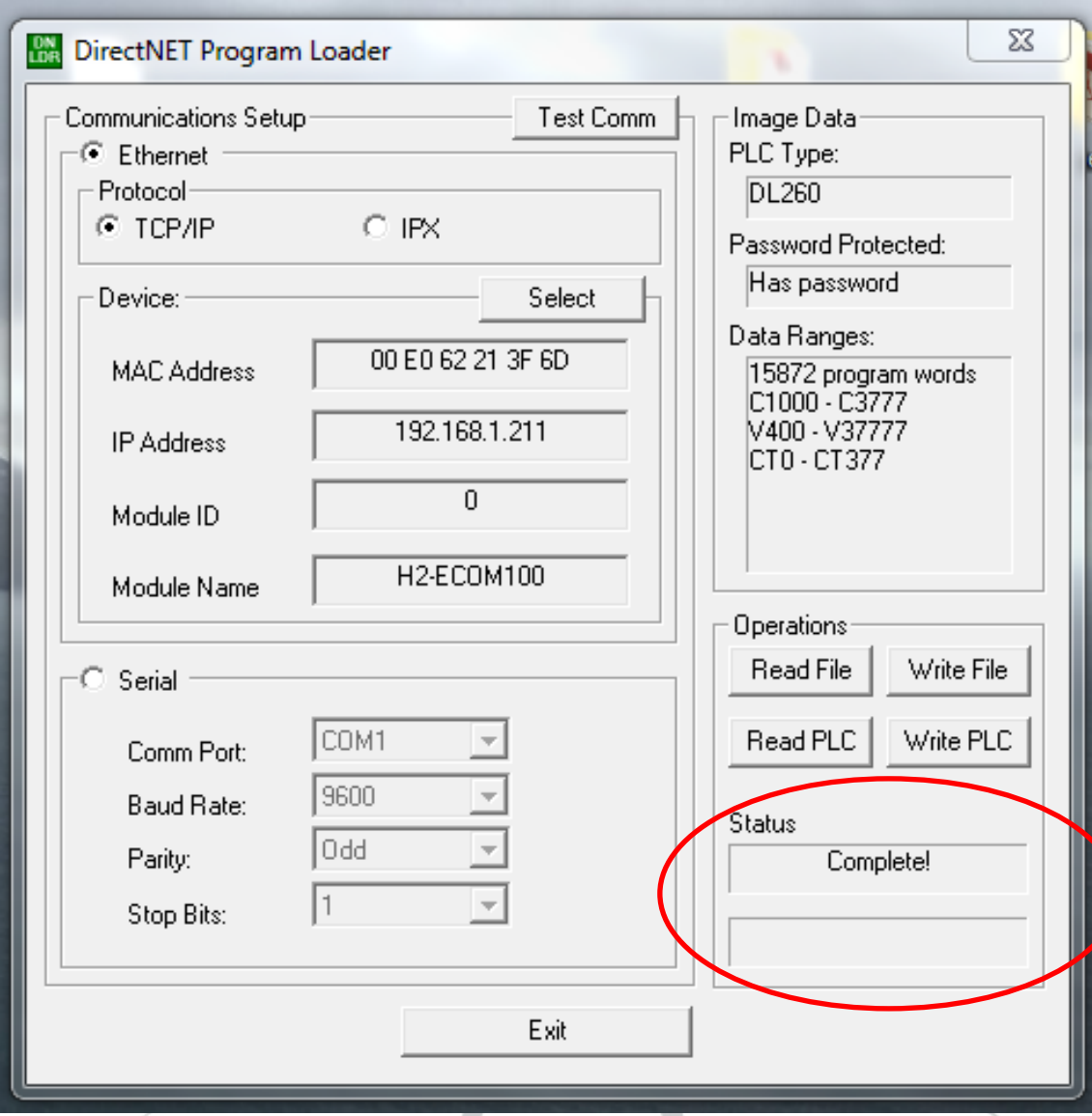


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May take several minutes to complete

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DirectNET Program Loader

Communications Setup Test Comm

☒ Ethernet

Protocol: ☒ TCP/IP ☐ IPX

Device: Select

MAC Address: 00 E0 62 21 3F 6D

IP Address: 192.168.1.211

Module ID: 0

Module Name: H2-ECOM100

☐ Serial

Comm Port: COM1

Baud Rate: 9600

Parity: Odd

Stop Bits: 1

Image Data

PLC Type: DL260

Password Protected: Has password

Data Ranges: 15872 program words
C1000 - C3777
V400 - V37777
CT0 - CT377

Operations

Read File Write File

Read PLC Write PLC

Status

Complete!

Exit

Upload successful! Be sure to load the matching HMI version.

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