Connecting EasyOne Pro to a Network

This Application Note will step you through the process of (1) connecting an EasyOne Pro or EasyOne Pro LAB (collectively referred to as “EOP”) to a Local Area Network (LAN), (2) setting a system IP Address, (3) Mapping a Network Drive, (4) accessing shared network-based folders for EMR connectivity, and (5) using a wireless adapter to network your device. Connecting your EasyOne Pro/LAB to a network allows you to: access network-based databases; backup and restore your database to and from a network location; share your database with other ndd applications; save data and reports to a central location, and; share common network folders with EMR applications.

1 Ethernet Connection

☐ Connect a network Ethernet cable to the lower network port on the rear panel of your EOP

2 Wireless Network Connectivity

The EasyOne Pro does not have wireless capability built in. However, the use of an external Ethernet-based wireless adapter such as the NETGEAR N300 WiFi USB Adapter, or equivalent, will add the wireless capability to the Pro. For further information please view the Connecting EasyOne Pro to Wireless application note.

3 Set the IP Address of your EasyOne Pro/LAB

You CAN leave your EOP set to automatically receive an IP address from your network server (called ‘DHCP’ mode), but we recommend that you assign a specific IP address to your device. NOTE: You may need assistance from your network administrator for this step.

☐ Go to the Main Menu, and then select Utilities / Configuration

☐ Select the Administrator tab

☐ Enter the password “EOPTM or 8005” and click the Login button

☐ Click the Set IP button
Click on **Connections:** **Ethernet 2**

Click on **Properties**

Choose **Internet**

Highlight **Protocol Version 4 (TCP/IPv4)** and then click on **Properties**
☐ Check **Use the following IP address:**
☐ Enter the network’s **IP address**
☐ Enter the network’s **Subnet mask**
☐ Enter the network’s **Default gateway**
☐ Check **Use the following DNS server addresses:**
☐ Enter a **Preferred DNS server**
☐ Enter an **Alternate DNS server**

![Internet Protocol Version 4 (TCP/IPv4) Properties](image)

☐ Click the **OK** button
☐ Click the **Close** button
☐ You will be asked to **Reboot** the device
4 Map a Network Drive
NOTE: You may need assistance from your network administrator for this step.

4.1 Preparation
Create a shared folder on a network server.

4.2 Map a Network Drive
- Go to the **Main Menu**, and then select **Utilities / Configuration**
- Select the **Administrator** tab
- Enter the password “**EOPTM or 8005**” and click the **Login** button
- Click the **Map Network Drive** button

In the “Map Network Drive” dialog box:
- Select the **Drive Letter**
- Enter the **UNC Path** of the networked folder, in the form: `\ServerName\Path`
  Example: `\srv-ndd\public\EMR`
- Make sure the **Reconnect at sign-in** checkbox is checked
- Make sure the **Connect using different credentials** checkbox is checked
- Click on **Finish**
- In the “Windows Security” dialog box, enter a valid **domain user** who has Read/Write privileges to your networked folder, along with the user’s **network password**.
  Example: username: nddus\networkuser
- Click **OK** to exit the “Windows Security” dialog box

5 Use SQL Server with EasyOne Pro/LAB
The EasyOne Pro/LAB supports SQL Server databases. An SQL Server database is recommended when you have multiple, simultaneous accesses on a master database. For further information please view the **EasyConnect Database Connection application note**.

6 Connect a Printer
The EasyOne Pro/LAB supports PCL 5 network printing. For further information please view the **Using Printers with EasyOne Pro application note**.
EMR Connectivity to Shared Network Folders

This section describes how to set EMR settings to point to shared network folders, for use in communicating with EMR systems using HL7.

- Go to the **Main Menu**, and then select **Utilities / Configuration**
- Select the **EMR tab**
- Under **Selected EMR System**, select the **HL7** option
- Under the **IN** section, next to **Data Exchange Folder**, click the **ellipses (…)**
- In the “Browse for Folder” dialog box, click **My Computer**
- Select the **Mapped Network Drive** you established in Step 3, above
- Select the desired sub-folder, and click **OK**.
- In the **Filename In** field, enter “*.hl7”
- Under the **OUT** section, next to **Data Exchange Folder**, click the **ellipses (…)**
- In the “Browse for Folder” dialog box, click **My Computer**
- Select the **Mapped Network Drive** you established in Step 3, above
- Select the desired sub-folder, and click **OK**.
- In the **Filename Out** field, enter a valid filename, with placeholders. Example: %OrderID%-%Computer%-%%TestTime%.hl7

The final screen should look something like this:

- Click **OK** to close the window.