

# Nightingale Monitoring System

## MPC – ILD Setup Guide

*Note: For the sake of brevity, the term ILD is used in this guide to refer to the MPC – ILD application.*

### What you will need before getting started

- A Windows PC connected to your LAN (Local Area Network)
- A Nightingale PPM3 monitor with Main software version 3.2 or later. If your PPM3 has an earlier software version, please contact Zoe Medical Customer Support for an upgrade kit. To check the version, bring up the Setup / Administrator / Configuration menu and look at the value for MAIN.
- An Ethernet patch cable, which connects the PPM3 to the LAN
- An Ethernet switch and second Ethernet patch cable (in case there is only one LAN wall connection that will need to be shared by the PPM3 and the PC running the MPC – ILD application)

### Install and configure ILD

- On the PC where you want to run ILD, double click on the MPC-ILDSetup.exe to start the installation, then follow the on-screen prompts to complete the installation.
- After installation, you should have a desktop shortcut labeled MPC-ILD. Click the shortcut to run the ILD application.
- In the ILD top level menu, select Setup, then Communication Settings, to bring up the Communication Settings dialog box.
- In the Site name field, you can enter whatever text you would like to appear on printed reports (for instance, the name of your clinic).
- In the Host port field, you should leave the default value unless your PC is using this port number for a different application (this is not common).
- In the Monitor ID field, you can enter whatever text you like (such as "ROOM 1") – however, this text must match exactly the text that is entered on the PPM3. To check this, on the PPM3, bring up the Setup / Administrator / System menu (password 49, 48, 46) and note the value of the **Monitor ID** field.
- If you just want to see what the ILD display looks like without connecting to a real PPM3, you can check the Simulate monitor connection box. You will then need to re-start the ILD, and when it starts up again, select Patient / Admit from the ILD top level menu. *(Note that the Simulate monitor connection checkbox will need to be un-checked in order to connect to an actual monitor.)*
- In the ILD top level menu, select Setup, then Display Settings, to bring up the Display Settings dialog box. To ensure an accurate sweep speed for ECG waveforms (i.e., 25 mm/sec), enter the width of the computer monitor that will be displaying the ILD screen. The radio buttons control the size and position of the ILD window when the application starts.

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### Configure the PPM3 for Connection to ILD

In the PPM3 device menu Setup > Administrator > Communications (Password: 49, 48, 46), set the following menu items accordingly:

- Connect Type - set to **Multiple** (if you want the PPM3 to connect to an EMR system at the same time it is connected to the ILD) or **Ethernet** (if the PPM3 only needs to connect to the ILD application).
- Use DHCP - set to **Yes** (*Note: If your clinic uses "Static IP addressing", contact your IT administrator*)
- Host Name – set to the host name of the PC that is running the ILD application, as shown in the ILD's Communications Settings dialog box.
- Host IP Address – if Host Name is known, this field should be left blank. Otherwise, enter the IP address of the PC that is running the ILD application, as shown in the ILD's Communications Settings dialog box.
- Host Port – must be set to the same Host Port number shown in the ILD's Communications Settings dialog box. By default, this number is **5005**, but it may need to be changed if your PC is using this port number for a different application (this is not common).
- Monitor ID – can be set to any text you like, but must exactly match the value shown in the Monitor ID field of the ILD's Communications Settings dialog box.
- OK - select OK to save your changes

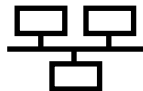
Next, power-cycle the device for the configuration changes to take effect.

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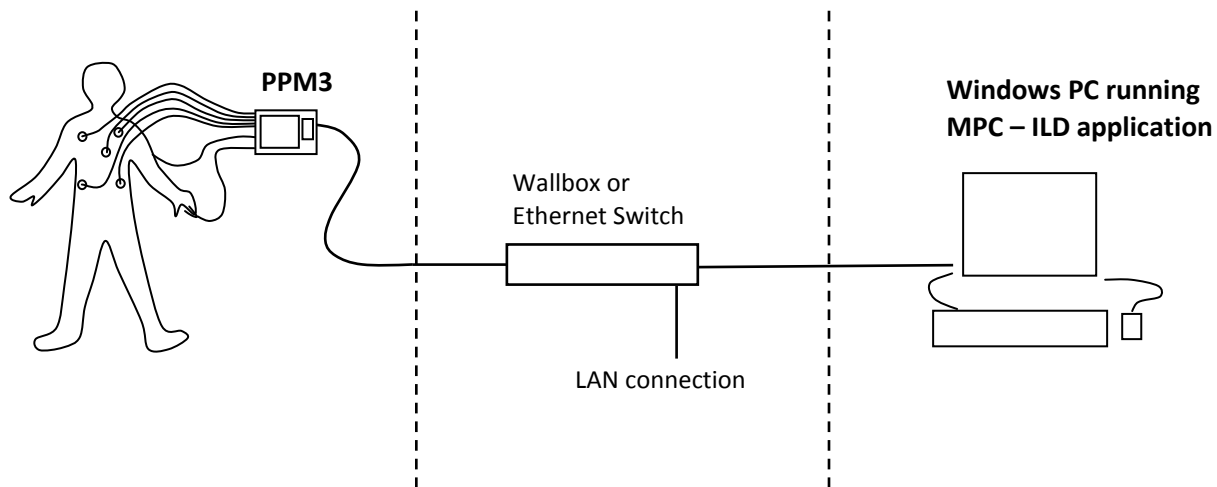
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### Connect the PPM3 to the LAN in your facility

Connect the PPM3 to the LAN, either by using an Ethernet switch or an Ethernet wall outlet in the room. The cable should be connected to the port on the rear of the device with the network icon:



The following diagram shows the connections needed to connect the PPM3 to the PC:



### Viewing the PPM3 on the ILD

Once your device has been configured and connected per the steps above, it is ready to view on the ILD. To do this, power up the PPM3, and run the ILD on the PC where it was installed. The network icon on the bottom left of the PPM3 display will indicate whether it is connected to the ILD:



Not connected to ILD



Connected to ILD

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### Acquire key number to enable ILD

The ILD free trial version includes a banner "Evaluation Software – Not For Use With Patients", and will run for ten minutes before displaying the Enable Application dialog box. To enable the ILD application, you need to enter a key number that is derived from the computer ID that is displayed in the Enable Application dialog box.

When the ILD is connected to a PPM3 monitor, you can display the Enable Application dialog box by selecting the Enable Application button on the Communications Settings dialog box. You can only enter a key number when the ILD is connected to a PPM3 monitor.

You can acquire a key number by contacting your distributor or Zoe Medical Customer Support and providing the computer ID. Once you enter the key number, the ILD application will no longer time out or display the evaluation banner.

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