

Getting Started With Monitor Pro 7.0

QUICK START: INSTALLATION

For detailed instructions on installation, please refer to the *installation guide* in your Monitor Pro package.

Minimum Hardware Requirements

CPU: Pentium 233
CD_ROM drive
128 MB RAM
Monitor and SVGA (1024 X 768)
Keyboard and Windows 2000 or NT-compatible mouse

Minimum Software Requirements

Internet Explorer 4.01
Microsoft Windows 2000 or
Microsoft Windows NT 4.0, Service Pack 4

Installation Preparation

Make sure to do the following before installing Monitor Pro:

1. Have virus software turned off.
 2. Have administrator rights on the machine.
 3. Have TCP/IP installed on the machine.
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Installation Procedure

Have the Serial Number and Configuration Sequence ready that you find in *Exhibit A* of the shipping package.

Note: The AutoRun feature will not work for the installation of Monitor Pro on the **Terminal Server**. You need to go to the Control Panel, select Add/Remove, and then run the installation program.

Note: You can install both the **Monitor Pro Server** and the **Client** on one machine, or you can install the server on one machine and the client on another.

Install the **Device Interfaces and Value-Added Products** (DI/VAP) on the server machine only.

Although you can install the **Starter Application** on either the server or the client machine, Schneider Automation recommends that you install it on the server machine.

1. Install Microsoft Windows 2000 or Windows NT 4.0, Service Pack 4.
 2. Install Internet Explorer 4.0, Service Pack 1.
 3. Install Microsoft SQL Server 7.0, if you want to use it for the Starter Application.
 4. Use the Monitor Pro Client and Server CD to install Monitor Pro Server, Client, and/or Starter Application. Setup will run automatically if AutoRun is on.
 5. The install program automatically installs the following system files that are required for Monitor Pro:
 - Microsoft Active Directory Service V4.1
 - Microsoft Data Access Components 2.1, Service Pack 2
 - Microsoft Visual Studio Component DLLs
 6. Make sure to restart your machine after the systems files are installed. Leave the Server and Client CD in the CD-ROM drive to continue with the installation.
 7. Follow the prompts to install Monitor Pro Server and Client products.
 8. Select dBase IV or Microsoft SQL Server for your Starter Application.
 9. If you install the server and the client on different machines, make sure to set the same TCP/IP Connection Port number for both the server and the client in the Monitor Pro Licensing Utility dialog box.
 10. Restart the machine after the Client and Server installation is completed.
 11. If you have selected the Monitor Pro Add-Ons as an install option, the installation program will continue automatically after the machine is restarted. Follow the prompts to install the Add-Ons.
 12. If you have selected the DI/VAP as an install option, you will be prompted to use the DI/VAP CD to install drivers.
 13. For authorization information, refer to Chapter 5, "Authorizing and Maintaining FactoryLink Installation," in the installation guide.
 14. For information on additional procedures, refer to Chapter 6, "Additional Information and Procedures," in the installation guide.
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QUICK START: CONFIGURATION EXPLORER

For an overview of Monitor Pro 7.0, please refer to the **Concepts.pdf** file in the **Schneider Automation\Monitor Pro\Documentation\En** directory where Monitor Pro is installed.

For detailed instructions on how to use Configuration Explorer, please refer to the **Configuration Explorer User Guide.pdf** file in the same directory.

Note: If you installed the Starter Application, three preconfigured Monitor Pro Servers appear in the Enterprise View: **OPCDA20**, **AlarmServers**, and **TrendServers**.

How to Add Servers and Applications

1. Double-click the Configuration Explorer icon on your desktop to get the default Enterprise View window.
2. Right-click **FactoryLink Servers** and select **Add FL Servers** from the pop-up menu.
3. Provide a name and directory for the new server. Click **OK**.
4. Right-click the server you just added under **FactoryLink Servers**. Select **Add Existing Application** from the pop-up menu.
5. Follow the prompts to complete the process.

How to Add OPC Servers

1. In the Enterprise View window, right-click the **OPC Server** and select **Add OPC Server** from the pop-up menu.
2. Provide **Name** for the new OPC server.
3. Use the Browse button to select **Server Node or IP Address**, and **OPC Server**.
4. Click the **Advanced** button to obtain the information for **Advanced Settings**. **ProgID** and **CLSID** are filled in automatically.
5. Click **OK** to finish the setup.

How to Start the Starter Application

Note: For more information on the **Starter Application**, refer to Chapter 7, “Starter Application,” in the installation guide.

1. In the Enterprise view, expand the **FactoryLink Servers** folder.
2. Right-click **MyStarterApp** and select **Start/Stop** from the pop-up menu.
3. Select **Start** from the submenu. Your Monitor Pro Starter Application will start running.

Use the same procedure to start other Monitor Pro applications that you have added in Configuration Explorer.

QUICK START: CLIENT BUILDER

For detailed instructions on how to use the graphic features of Client Builder, please refer to the Client Builder online help.

Note: If you installed the Starter Application, you have three preconfigured Server Types: **OPCDA20**, **AlarmServers**, and **TrendServers**.

How to Configure Server Types and New Servers

1. Double-click the Client Builder icon on your desktop.
2. In the **Open Project** dialog box, click **New**.
3. In the **New Project** dialog box, provide a name and directory.
4. From the **Tools** menu in the Client Builder window, click **Servers**.
5. In the **Servers Editor**, right-click **SERVERTYPES** and select **New** from the pop-up menu.
6. In the **Communication Manager** pane that appears on the right of the Servers Editor, provide the following information.

Name: Use any name
Type: OPCDA20
Computer: My Computer
Class ID: Filled in automatically
Prog ID: Filled in automatically

7. Click **Set**, then **OK**. Your OPC Server Type is now set up.
8. In the **Servers Editor**, under **SERVERTYPES**, right-click the server type that you just created and select **Add Servers** from the pop-up menu.
9. Provide the following information:

Name: Use any name you want
Run Time
- Computer: My Computer>(double-click) USDATA.Server.1
- Prog ID: Filled in automatically
Design Time
- Computer: My Computer>(double-click) USDATA.DevServer.1
- Prog ID: USDATA.Server.1
- Class ID: Filled in automatically

Click the **Advanced** button to view the **Run Time Server** and **Design Time Server** settings.

Storage Name: Leave it blank (not implemented for FL 7.0)

10. Go back to the **Servers Editor**, use the same procedure to set up the other two Server Types: **AlarmServers** and **TrendServers**.

Note: If the server resides in your computer as a standalone system, use "**My Computer**" for the Computer Name. If you want this server to be shared by clients that will use the current Client Builder project, use the Browser to select your computer name from the network and double-click **USDATA.Server.1**.

Note: If you installed the Starter Application, you have three preconfigured clusters: **FactoryLinkCluster**, **AlarmCluster**, and **TrendCluster**.

How to Configure Clusters and Cluster Members

1. In the **Servers Editor**, double-click **CLUSTERS** and select **New** from the pop-up menu.

2. Provide the following information:

Name: Use any name for the cluster

Server Type Name: Select the name of a server type that you created earlier: OPCDC20, AlarmServers, or TrendServers.

3. Click **Set**, then **OK**. Your clusters are set up now.

4. In the **Servers Editor**, under **CLUSTERS**, right-click the cluster that you just created and select **Add Member** from the pop-up menu.

5. Provide the following information:

Name: Use any name for the new member of the cluster

Server Name: Select the name of the Monitor Pro Server you just created

Rank: Use numbers when you have multiple servers in the same cluster. All the servers must be the same type and maintain the same data. When needed, the highest ranked server is used. If it is not available, the next highest ranked server is used.

6. Click **Set**, then **OK**. Your cluster members are set up now.

Note: The **Rank** feature is not implemented in Monitor Pro 7.0.

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