MAXPRO-Net

Crosspoint Matrix Video Switching System

MaxMon User's Manual

ISSUE	DATE	REVISIONS
A	March 2005	Initial Release (PCN 1980)
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Notes:

TABLE OF CONTENTS

Notes:

CHAPTER 1:
INTRODUCTION

1.1   OVERVIEW OF MAXMON

MaxMon is a utility that provides user interface to monitor and communicate with the MAXPRO-Net Server. MaxMon can be installed on a local or remote networked laptop or desktop computer to connect to the MAXPRO-Net Server. MaxMon utility is designed to control all menu options and view all log data together in multiple windows.

Using MaxMon, you will be able to view the initial configuration data from MAXPRO-Net Server as configured in SetMax. You can monitor log data and also view the status of video inputs/outputs devices, alarms, keyboards, and monitors.

1.2   INSTALLING THE MAXMON UTILITY

1. Download the MAXPRO-Net software package to your computer.

2. Select and double-click the **Setup.exe** from the MAXPRO-Net Folder to start the installation. The Choose Setup Language dialog appears.

3. Select a language for the installation program.

4. Click **OK**. The Question dialog appears.
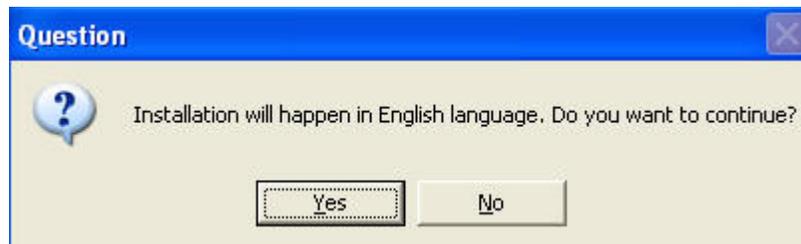
5. Click **Yes** to proceed with the installation. If you click **Yes**, skip steps 6 to 19 and proceed onto step 20 to continue with the installation. Click **No**, if you want to stop the installation and change the installation program language.

6. If you click **No** in the Question dialog, the MAXPRO-Net InstallShield Wizard dialog appears.

7.   Click **OK**. The InstallShield Wizard Complete screen appears.
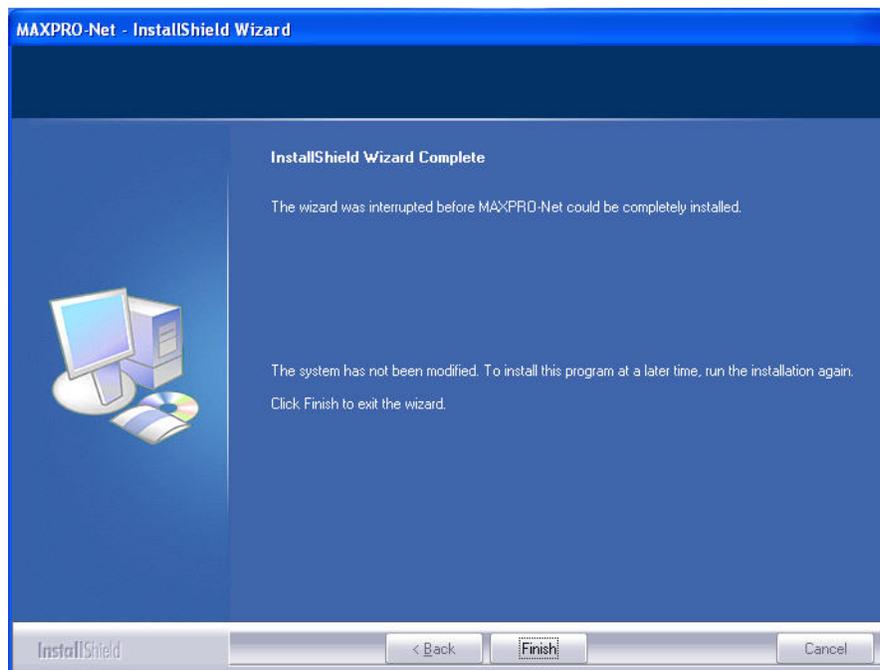
8.   Click **Finish** and then change the operating system language.

Changing the operating system language

9.   Choose **Start → Settings → Control Panel**.

10. Double-click **Regional and Language Options**. The Regional and Language Options dialog appears.

11. In the **Select an item to match its preferences, or click Customize to choose your own formats:** box, select a language for the operating system.

12. Under **Location**, select the location where the MAXPRO-Net is being installed.

13. Click **Apply**.

14. Click **Advanced** tab. The Advanced Settings for Regional and Language Options appears.

15. In the **Select a language to match the language version of the non-Unicode programs you want to use:** box, select a language for the non-Unicode programs.

16. Under **Code page conversion tables**, select all the items.

17. Click **Apply**.

18. Click **OK**.

19. Select and double-click the **Setup.exe**, in the MAXPRO-Net Folder to re-start the installation. Refer steps 2 to 4 in this section.

20. If you click **Yes** in the Question dialog, the Welcome screen appears.
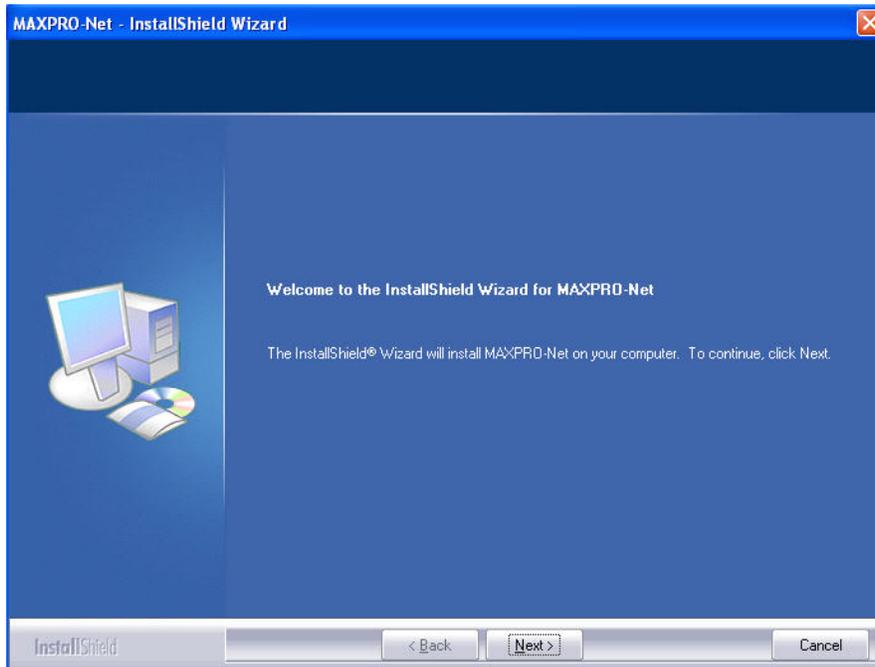
21. Click **Next**. The Select Features screen appears.
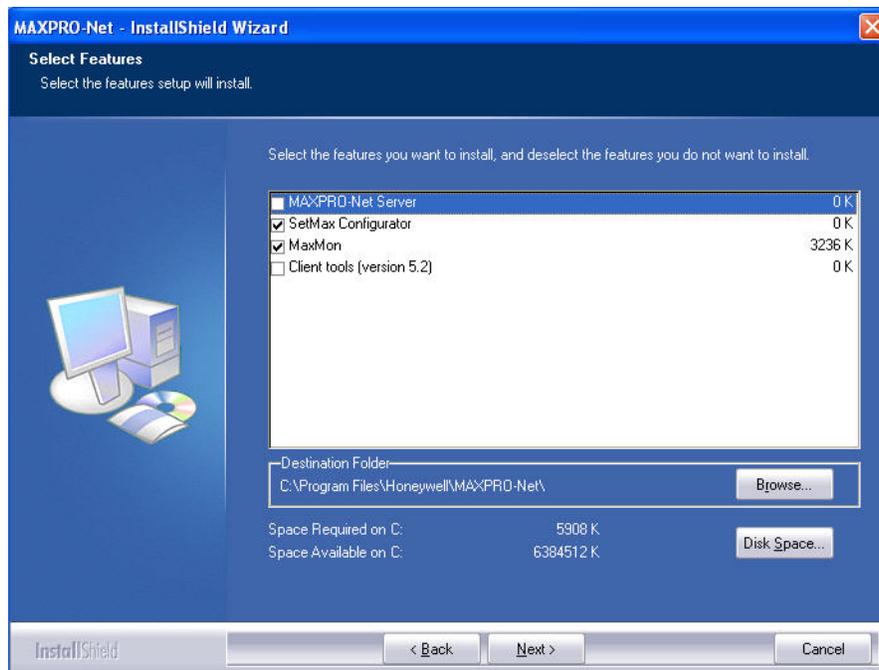
22. Select the features to install.

Note: If MAXPRO-Net Server is selected, the setup installs Microsoft SQL Server Desktop Engine on your computer.

23. Click **Browse**. The Choose Folder dialog appears.

24. Select a folder where the features are to be installed.

25. Click **OK** to close the Choose Folder dialog.

26. Click **Next** on the Select Features screen. If you have selected MAXPRO-Net Server on the Select Features screen, the Choose Destination Location screen appears.
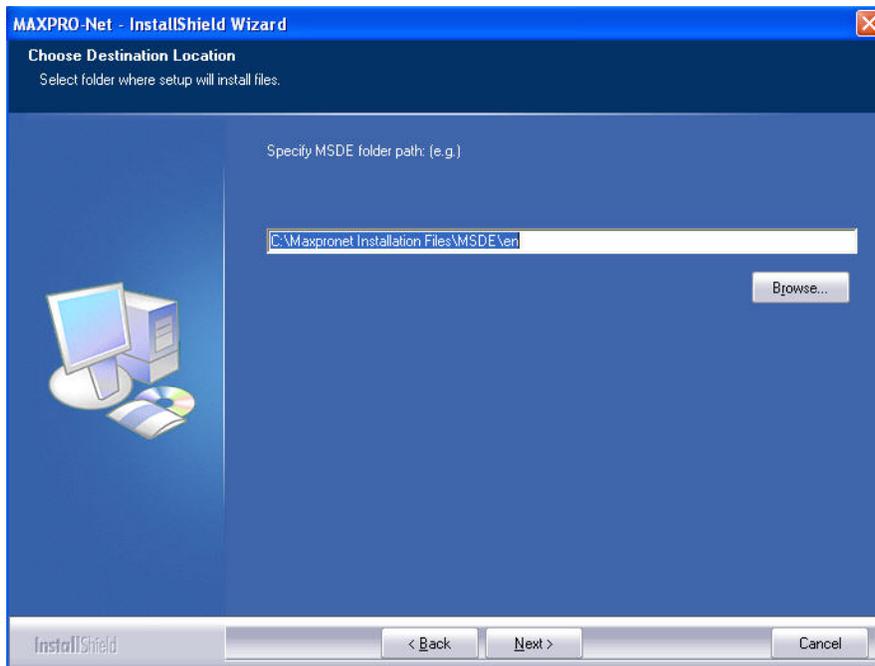
27. Click **Browse**. The Choose Folder dialog appears.

28. Select a folder where Microsoft SQL Desktop Engine is to be installed.

29. Click **OK** to close the Choose Folder dialog.

30. Click **Next** on the Choose Destination Location screen. The Database Server Login screen appears.
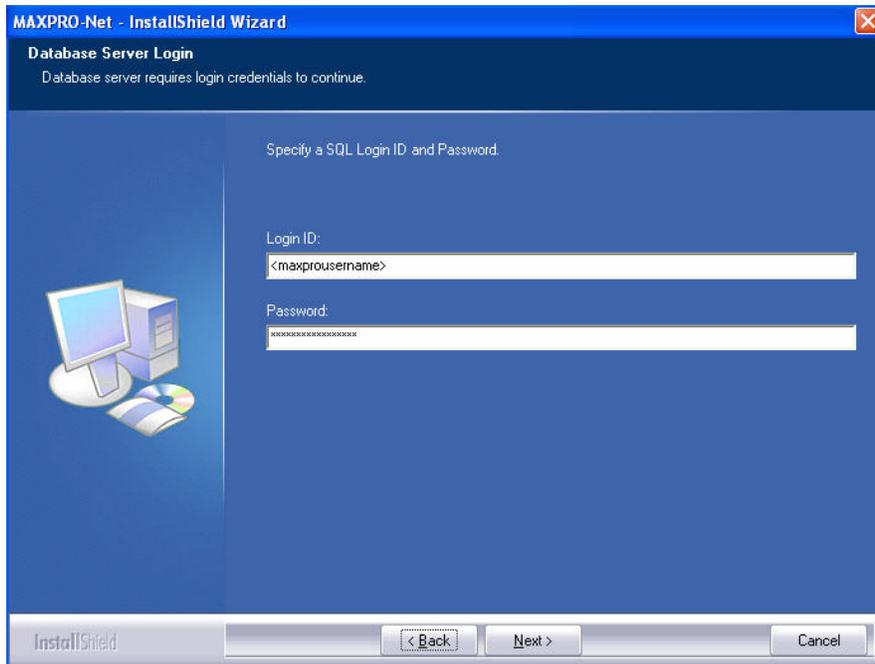
31. In the **Login ID** box, type the SQL User Login ID.

32. In the **Password** box, type the SQL User Password.

33. Click **Next**. The User Information screen appears.
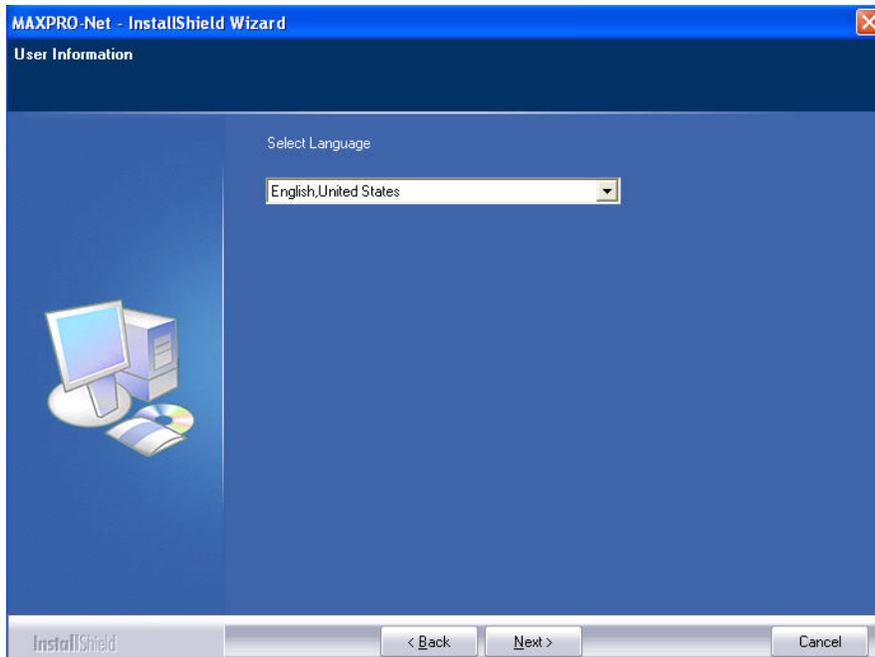
34. In the **Select Language** box, select the language to be used for MAXPRO-Net.

Note: Refer to MAXPRO-Net Translation Editor User Manual.pdf (Revision 1.0), having the part number 900.0675, if you want to add support for other languages in MAXPRO-Net.

35. Click **Next**. The Start Copying Files screen appears.
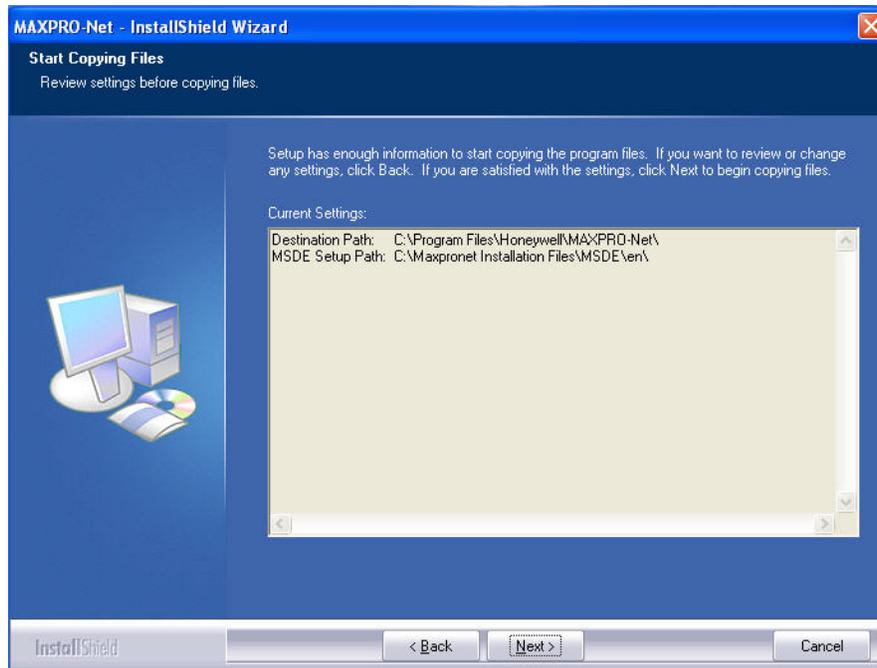
36. Click **Next**. The Microsoft SQL Server Desktop Engine installation dialog appears.
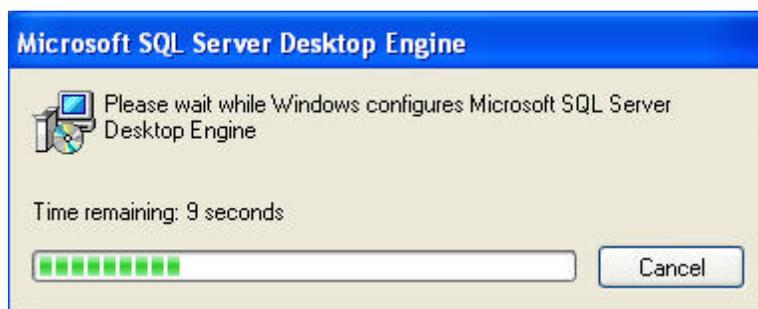
Note: The computer restarts after Microsoft SQL Sever Desktop Engine is installed.

The SQL Server Network Utility screen appears after the Microsoft SQL Server Desktop Engine installation is completed.
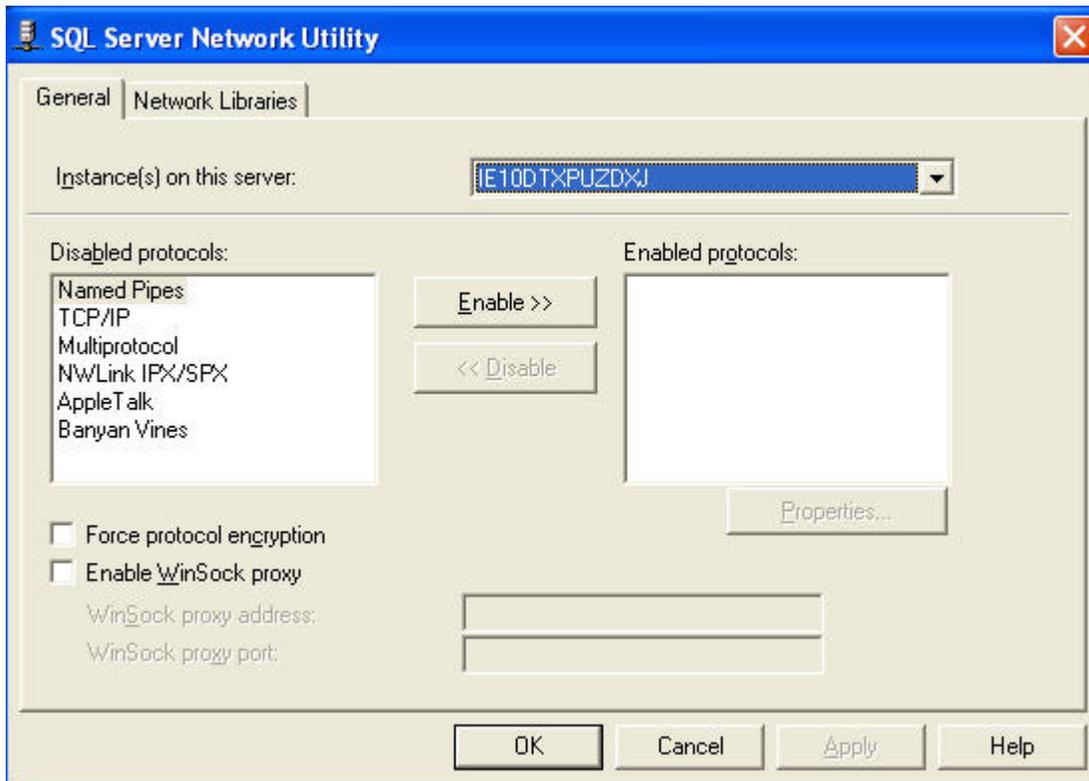
37. In the **Disabled protocols** box:

    a. Select **Named Pipes** and click **Enable**.

    b. Select **TCP**/**IP** and click **Enable**.

38. Click **OK** to close the SQL Server Network Utility screen. The SQL Server Network Utility dialog appears.

39. Click **OK**. The computer restarts and the Choose Setup Language dialog appears.

40. Select a language for the installation program.

41. Click **OK**. The Question dialog appears.
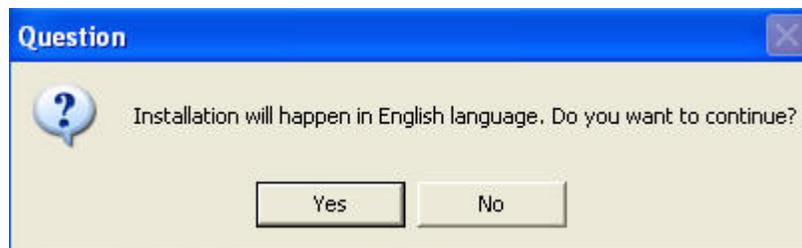
42. Click **Yes**. The Start Copying Files screen appears.
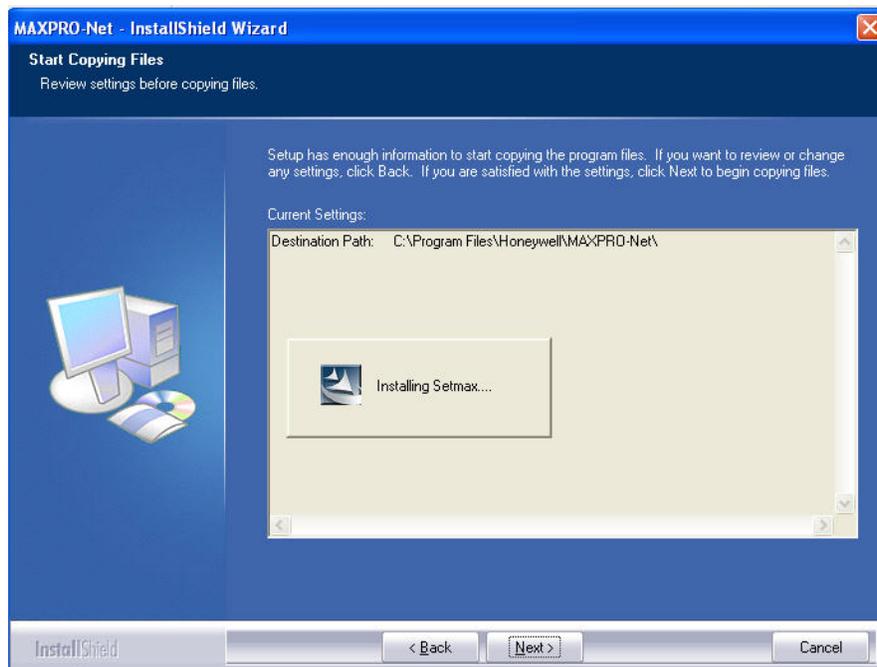
The Install Shield Wizard Complete screen appears after the installation is completed.
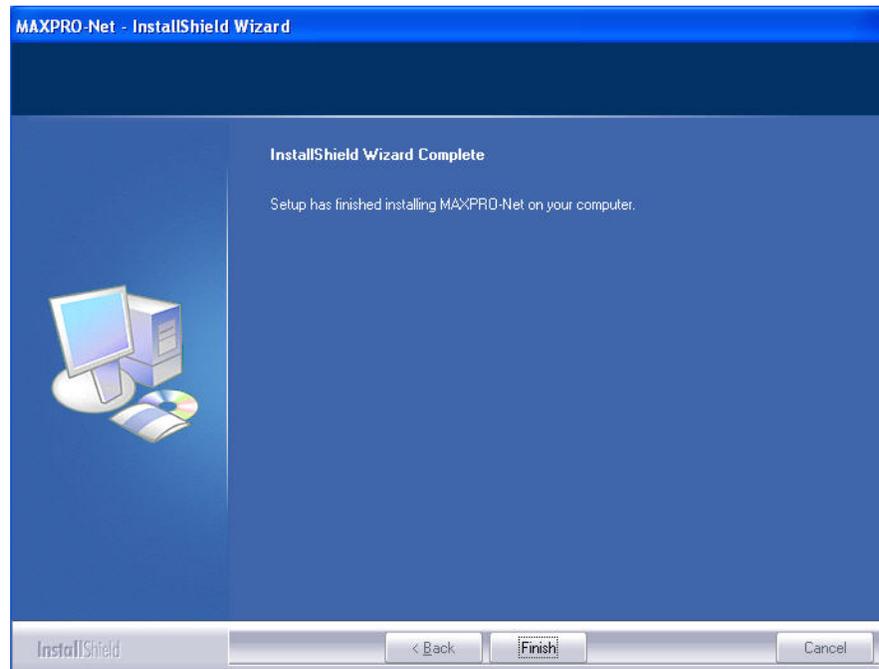
43. Click **Finish** to complete the installation.

1.3   STARTING THE MAXMON UTILITY

You can start MaxMon using the **Start** -> **Programs** -> **Honeywell Video Systems** menu or using the MaxMon icon on the desktop. The MaxMon main window appears with the default MAXPRO-Net Server connected as shown in the following illustration. To connect to other MAXPRO-Net Server, select **File** -> **Connect** from the main menu.
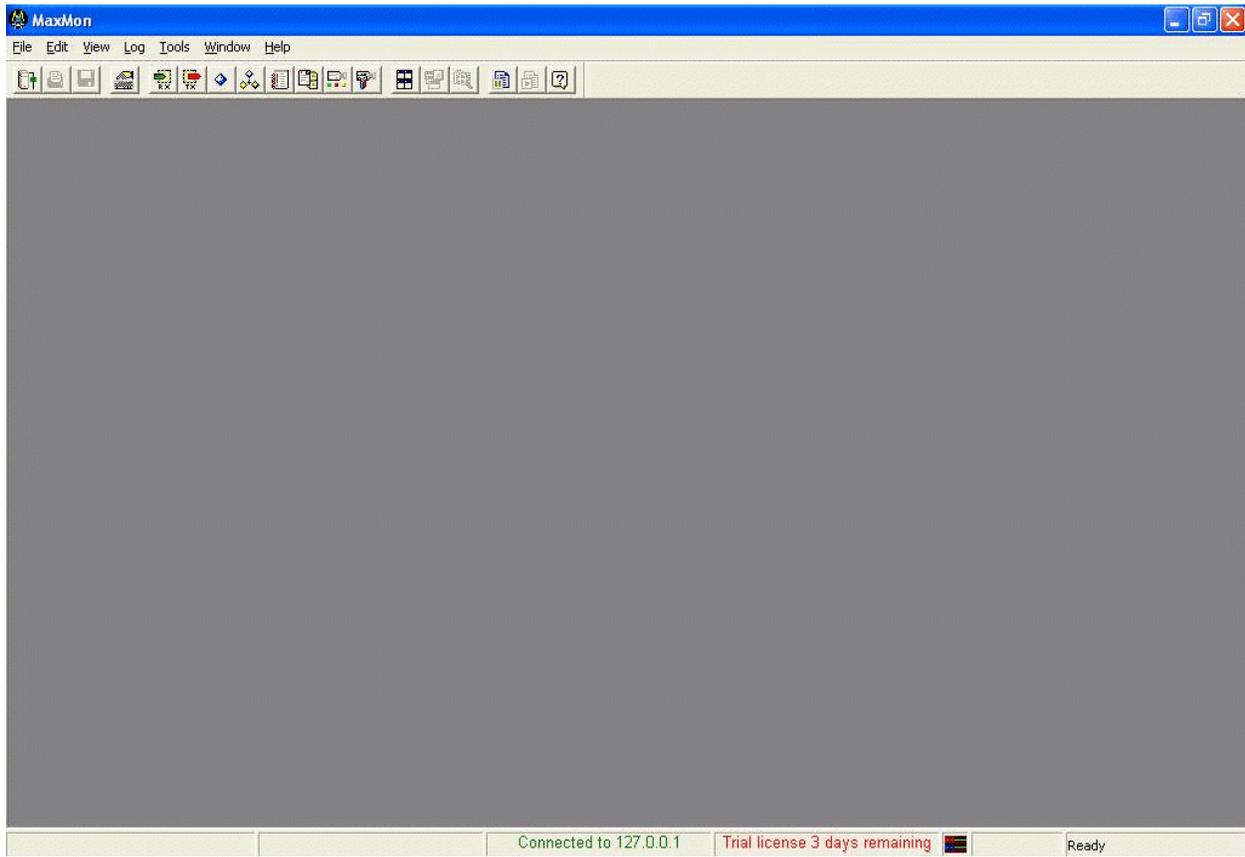
The status bar shows the server address to which MaxMon is connected and the product license information.

> **NOTE:** This window appears only if the MAXPRO-Net Server is running on the same machine. If MAXPRO-Net Server is not running in the local machine, MaxMon fails to connect to the server and shows the message "Could not connect to MAXPRO-Net Server <IPAddress>."

CHAPTER 2:
GETTING STARTED

2.1 OVERVIEW

MAXPRO-Net's Ethernet functionality allows users from different locations connect to MAXPRO-Net Server at the customer site and monitor the configuration.

Using the system IP login, you can gain access to SetMax and configure MAXPRO-Net Server. If you want to monitor the server, you can do so from the current location itself using this remote diagnostic tool.

MaxMon supports the following functionalities:

- Dynamic live updates

- Keyboard emulation

- Status information

- Alarms

- Input/Output control

- Camera test mode

- Log messages

After you start MaxMon, you need to connect to the MAXPRO-Net Server to view the device status. This section includes:

- Setting the Preferences

- Connecting to the Max Server

- About Help Commands

2.2 SETTING THE PREFERENCES

To define the communication preferences for MaxMon, perform the following steps.

1. Select **File** -> **Preferences** from the main menu to define the preferences. The following dialog appears with the default settings shown:

2. On the **Communications** tab, you can view the communication details as described in the upcoming steps.

3. The fields under **Server Default** provides the following information:

   - **Server IP/Name** – This indicates the MAXPRO-Net Server IP address.

   - **Server Port** – This refers to the port used for server communication. This is a read-only field.

4. The fields under **DB Service Default** provides the following information:

   - **Service IP/Name** – This specifies the IP address of the DB server.

   - **Service Port** – This refers to the port used for DB communication.

5. The field under **Log Configuration** provides the following information:

   - **Ethernet Log** – Enable this option if you want to receive all Ethernet related messages.

6. The fields under **Mail Configuration** provides the following information:

   - **Email Host** – Specify the e-mail server name for mailing the log messages.

   - Port – Specify the port address used for e-mail communication.

7. Click **OK** to close the Preferences dialog.

2.3   CONNECTING TO THE MAXPRO-NET SERVER

To connect to the server that is running at the remote location, perform the following settings:

1. Select **Start** -> **Programs** -> **Honeywell Video Systems** -> **MaxMon**. The MaxMon main window appears.

2. Select **File** -> **Connect** from the main menu. The following MAXPRO-Net Server Configuration dialog appears:
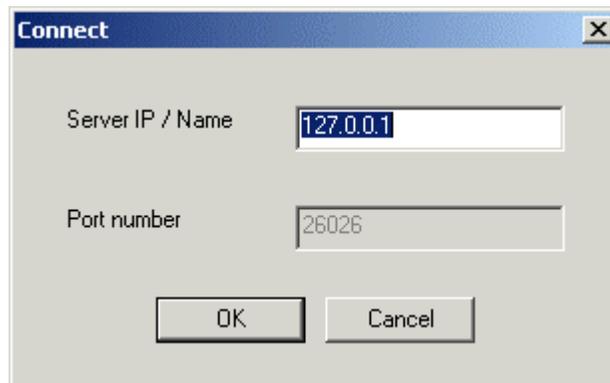
> **Note:** By default, MaxMon tries to connect to the MAXPRO-Net Server configured in preferences section. If you want to connect to the different server, you need to disconnect and select File->Connect menu or click on Connect toolbar button. The last used Server IP/Name will be updated into the preference.

3. The **Connect** dialog shows Server IP and Port number as defined in the **Preferences** dialog.

   If the preferences are not configured, MaxMon takes the local system's IP address and port number.

4. Click **OK** to connect to the MAXPRO-Net Server. The status "Connected" is shown in the status bar along with the IP address of the server to which the MaxMon is connected.

   You can connect multiple instances of MaxMon services to a single MAXPRO-Net Server.

2.4   ABOUT HELP COMMANDS

MaxMon provides a list of commands used to select and control different monitors/cameras, to operate scan sequences, and other functionalities. These commands are executed through function keys.

To view help commands, select **Help** -> **Commands** from the main menu. The commands are listed in notepad, as shown in the following illustration:
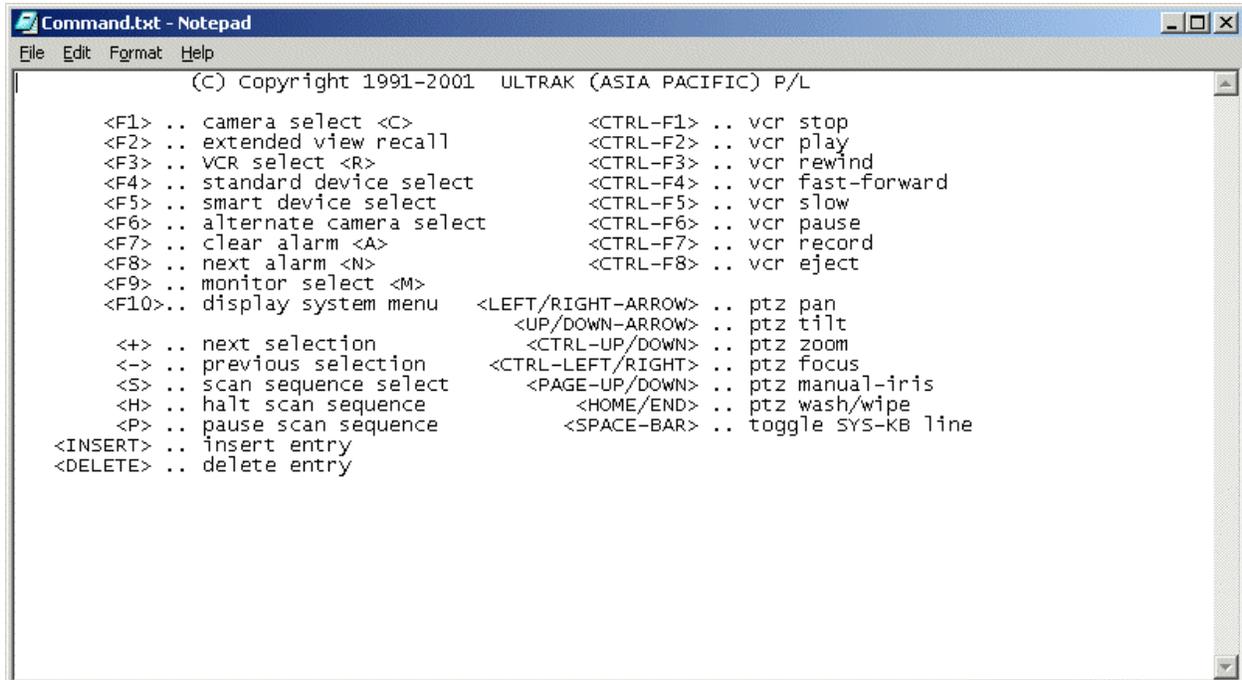
```
Command.txt - Notepad                                                    _ □ ×
File  Edit  Format  Help

                (C) Copyright 1991-2001  ULTRAK (ASIA PACIFIC) P/L

    <F1> .. camera select <C>              <CTRL-F1> .. vcr stop
    <F2> .. extended view recall           <CTRL-F2> .. vcr play
    <F3> .. VCR select <R>                 <CTRL-F3> .. vcr rewind
    <F4> .. standard device select         <CTRL-F4> .. vcr fast-forward
    <F5> .. smart device select            <CTRL-F5> .. vcr slow
    <F6> .. alternate camera select        <CTRL-F6> .. vcr pause
    <F7> .. clear alarm <A>                <CTRL-F7> .. vcr record
    <F8> .. next alarm <N>                 <CTRL-F8> .. vcr eject
    <F9> .. monitor select <M>
    <F10>.. display system menu   <LEFT/RIGHT-ARROW> .. ptz pan
                                     <UP/DOWN-ARROW> .. ptz tilt
    <+> .. next selection             <CTRL-UP/DOWN> .. ptz zoom
    <-> .. previous selection      <CTRL-LEFT/RIGHT> .. ptz focus
    <S> .. scan sequence select       <PAGE-UP/DOWN> .. ptz manual-iris
    <H> .. halt scan sequence            <HOME/END> .. ptz wash/wipe
    <P> .. pause scan sequence          <SPACE-BAR> .. toggle SYS-KB line
<INSERT> .. insert entry
<DELETE> .. delete entry
```

To view camera setup commands, select **Help** -> **Camera Setup Commands** from the main menu. The commands are listed in the notepad, as shown in the following illustration:
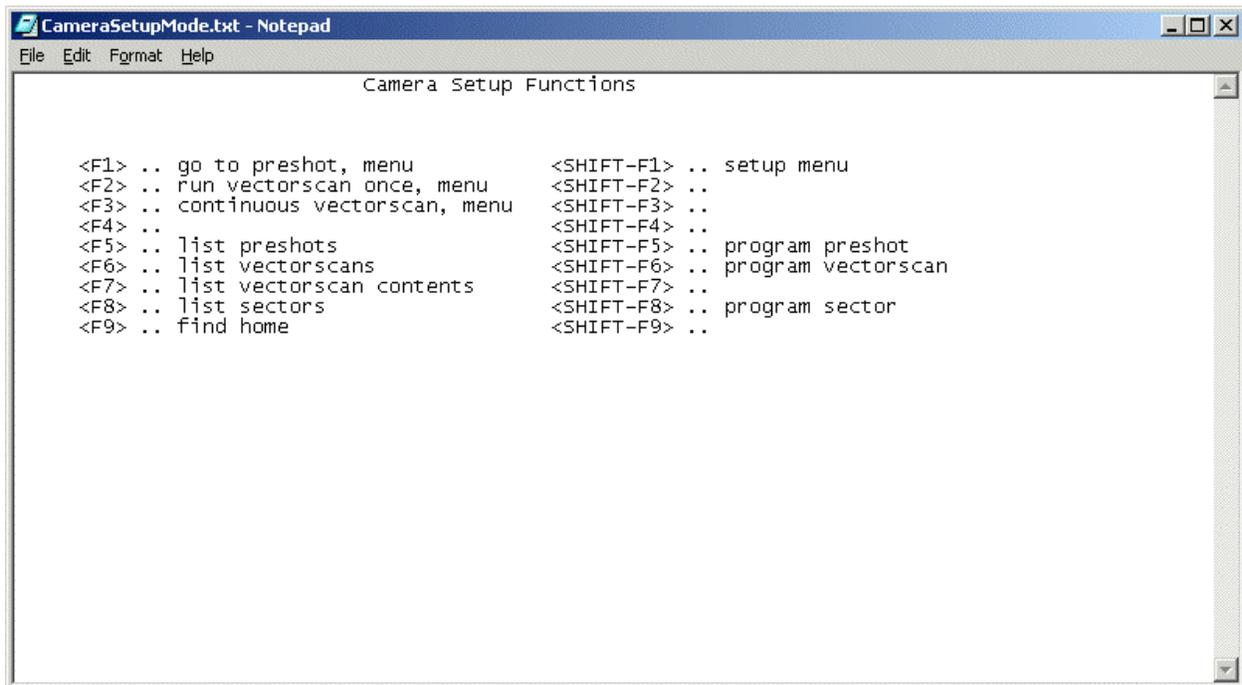
```
CameraSetupMode.txt - Notepad
File  Edit  Format  Help
                        Camera Setup Functions


   <F1> .. go to preshot, menu        <SHIFT-F1> .. setup menu
   <F2> .. run vectorscan once, menu  <SHIFT-F2> ..
   <F3> .. continuous vectorscan, menu <SHIFT-F3> ..
   <F4> ..                            <SHIFT-F4> ..
   <F5> .. list preshots              <SHIFT-F5> .. program preshot
   <F6> .. list vectorscans           <SHIFT-F6> .. program vectorscan
   <F7> .. list vectorscan contents   <SHIFT-F7> ..
   <F8> .. list sectors               <SHIFT-F8> .. program sector
   <F9> .. find home                  <SHIFT-F9> ..
```

Notes:

CHAPTER 3:
FUNCTIONS AND BASIC OPERATIONS

3.1   OVERVIEW

MaxMon is the tool that allows user to view the status of a server to which it is connected. Also, it provides the details of devices that are connected as inputs and outputs.

This section includes,

- Viewing the Log Data
- Viewing the Status of Video Inputs
- Viewing the Status of Video Outputs
- Viewing the Status of Alarm Inputs
- Viewing the Status Information
- Porting the Log Messages
- Copying the Log Messages

3.2   VIEWING THE LOG DATA

MaxMon utility allows the user to connect to MAXPRO-Net sever and view the log messages of various devices.

To view different log messages, perform the following steps.

1. After connecting to the MAXPRO-Net Server, you can view log messages using **Log** menu of the main window.

2. Select a log type from the **Log** menu of MaxMon window or use the toolbar icon to view single log window at a time. The selected log data appears.

3. Select **Log** -> **Open all log windows** from the main menu of MaxMon window or use the toolbar icon to view all the logs messages in a single screen. Multiple log windows are displayed, as shown in the following illustration:
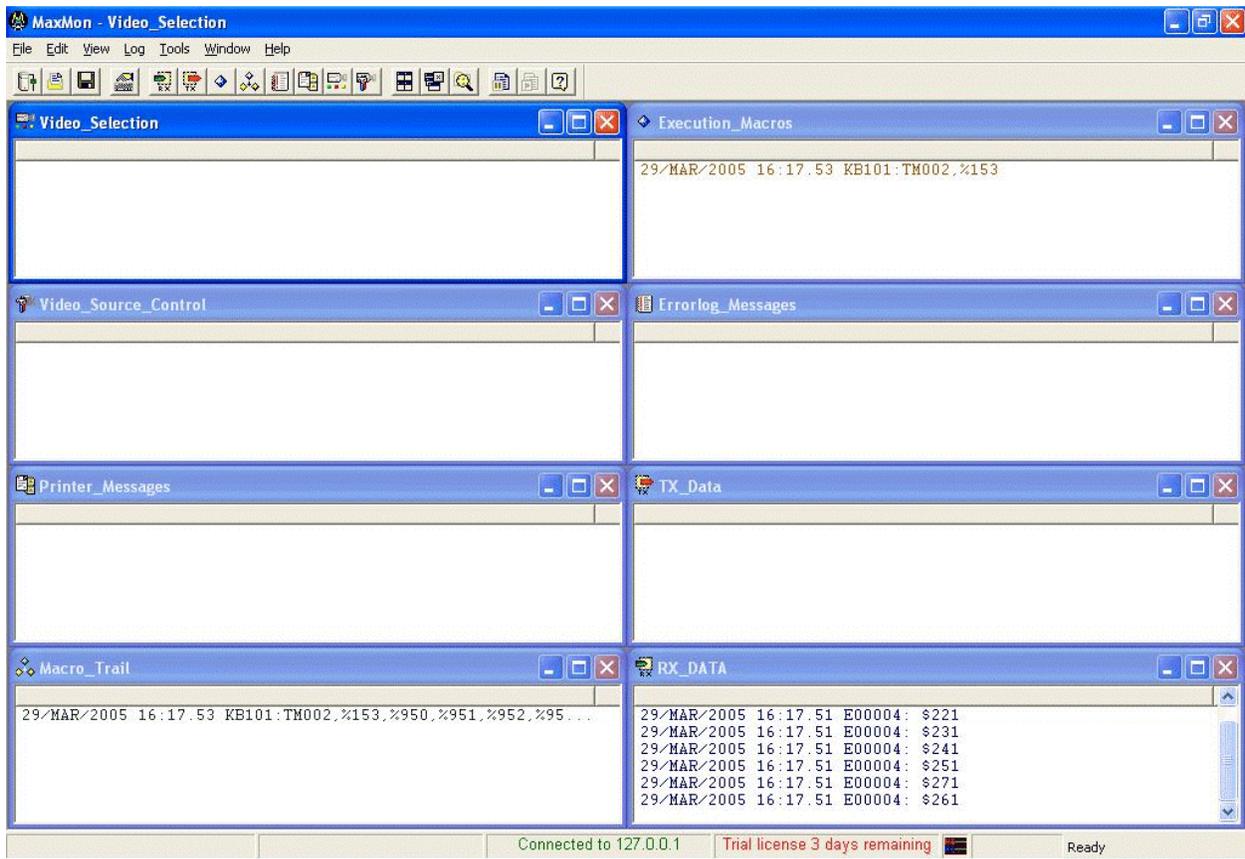
Note: If you are in different log view, select **Window** -> **Tile** from the main menu to arrange log windows, as shown in the above illustration.

4.   You can select any log type (such as RX Data, TX Data, Execution Macros, Macro Trails, Errorlog Messages, Printer Messages, Video Switch Selection, and Video Source Control) from the **Log** menu and view the messages in the respective log window.

   Also, you can use shortcut icons from the tool bar.

5.   Select **Window** -> **Cascade** from the main menu to view different log windows in the cascaded form, as shown in the following illustration:
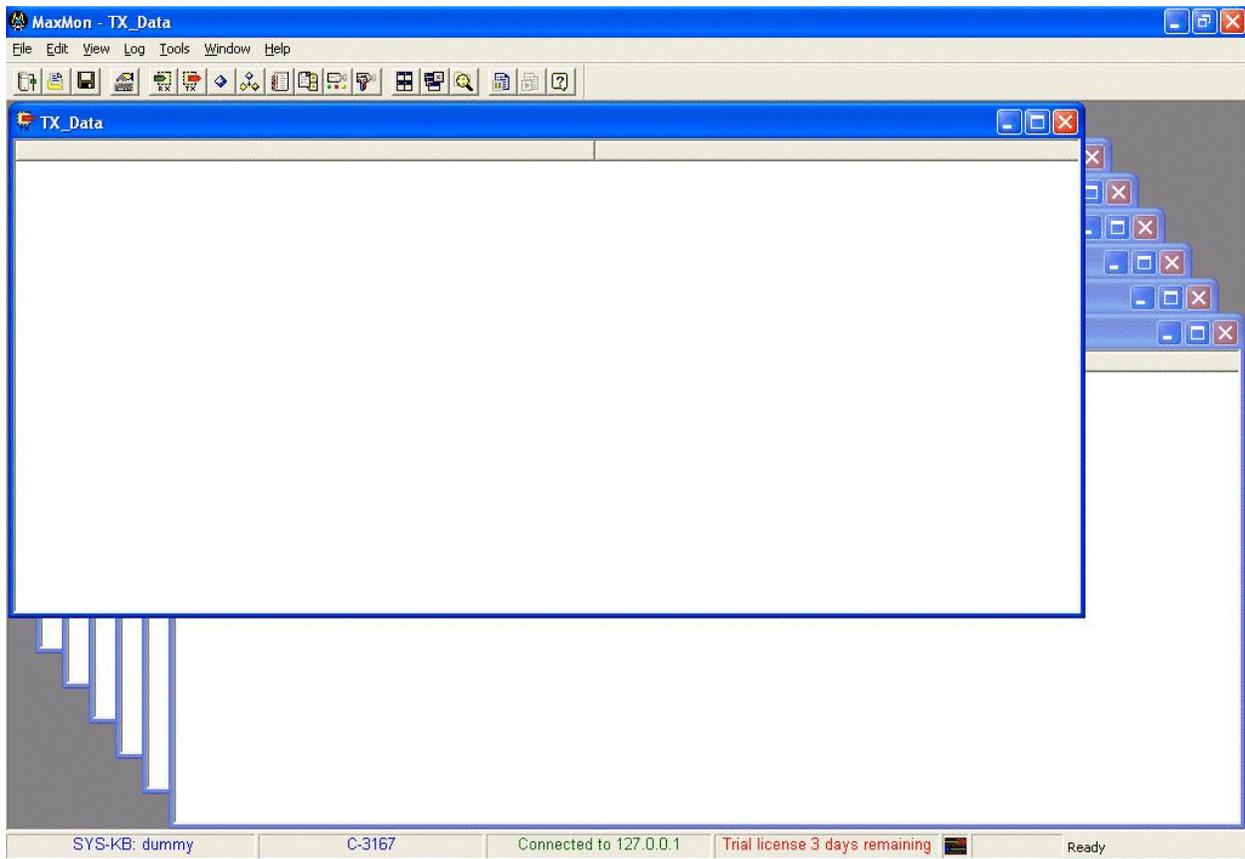
6.   Select **Window** -> **Close** to close the active log window.

7.   Select **Window** -> **Close All** to close all the log windows.

8.   Select **Window** -> **Clear All** to clear all the log messages displayed in selected window.

9.   Select **Log** -> **Freeze all log windows** or use the tool bar icon to freeze log messages of the selected window.

10. Select **Log** -> **Resume all log windows** or use the tool bar icon to resume log messages of the selected window.

3.3   VIEWING THE STATUS OF VIDEO INPUTS

The Video Inputs dialog displays all the information related to input devices such as cameras, VCRs, standard devices, and smart devices.

To view the status of video inputs, perform the following steps.

1. Select **View** -> **Video Inputs** from the main window. The following dialog appears with the **Camera** tab selected as default:

The Video Input dialog displays all possible video inputs that are connected to the MAXPRO-Net Server along with the device status.
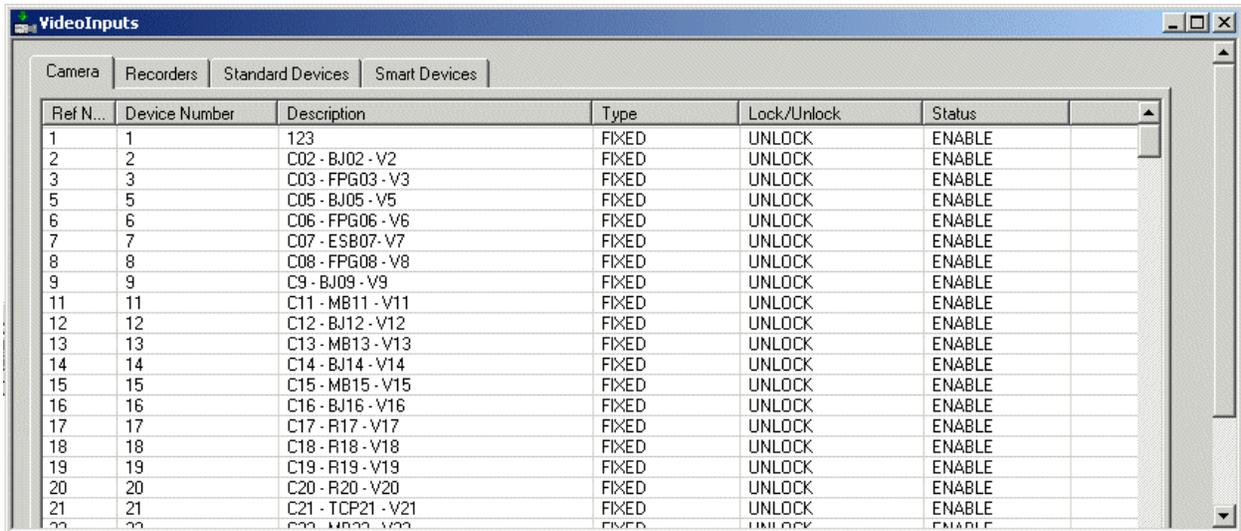
2. The device (Camera, Recorders, Standard Devices, and Smart Devices) tabs display the following information:

- **Ref No** – This is a reference number of video input device.

- **Device Number** – This refers to physical and logical representation of video input for the device identification.

- **Description** – A brief description about the video input device that is being connected.

- **Type** – This refers to the type of device connected. This option is available only for the Camera input. The type of the camera input can be Fixed or PTZ.

- **Lock/Unlock** – This shows the camera state as lock or unlock.

- **Status** – This indicates the status of video input whether the device is currently enabled or disabled.

3. Select the **Camera** tab to view the status of camera inputs.

3.3   VIEWING THE STATUS OF VIDEO INPUTS, CONTINUED

4. On the **Camera** tab, select a camera and press the right mouse button. From the right-click context menus,

- Select **Lock** or **Unlock** to change the lock state of a camera appropriately.

- Select **Enable** or **Disable** to change the state.

- Select **Refresh** to get the updated status after the live update is made using SetMax.

5. Similarly, select other tabs like **Recorders, Standard Devices,** and **Smart Devices** to view or modify the device status.

6. To find any information in **Video Inputs** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys. The following dialog appears:
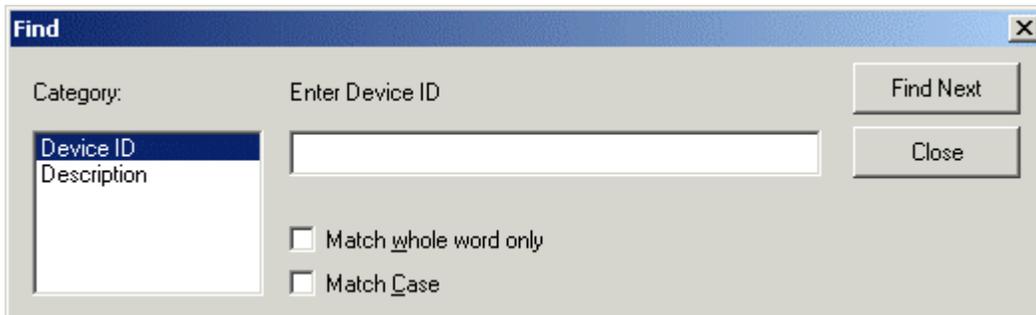
3.4   VIEWING THE STATUS OF VIDEO OUTPUTS

The Video Outputs dialog displays all the information related to output devices such as monitors, VCRs, standard devices, and smart devices.

To view the status of video outputs, perform the following steps.

1. Select **View** -> **Video Outputs** from the main window. The following dialog appears with the **Monitors** tab selected as default:

The Video Output displays all possible video outputs that are connected.

2. The device (Monitors, Recorders, Standard Devices, and Smart Devices) tabs display the following information:

- **Ref No** – This is a reference number of video output device.

- **Device Number** – This refers to physical and logical representation of video output for the device identification.

- **Description** – A brief description about the video output device that is being connected.

- **Lock**/**Unlock** – This shows the state of a monitor as lock or unlock.

3. Select the **Monitors** tab to view the status of monitor outputs.

4. On the **Monitors** tab, select a monitor and press the right mouse button. From the right-click context menus,

- Select **Lock** or **Unlock** to change the lock state of a monitor appropriately.

5. Select **Refresh** to view the updated status.

6. Similarly, select the other tabs like **Recorders, Standard Devices,** and **Smart Devices** to view or modify the device status.

7. To find any information in **Video Outputs** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys.

3.5   VIEWING THE STATUS OF ALARM INPUTS

Alarm Inputs are external inputs to the CCTV System. The CCTV equipment monitors these inputs continuously. When there is any change in the alarm state, the system operators are notified on this shift and the selection of camera or VCR input takes place accordingly.

1. Select **View** -> **Alarm Inputs** from the main window. The following Alarm Input dialog appears:

2. The Alarm Input tab displays the following details:

   - **Alarm ID** – This refers to the alarm identification number.

   - **Description** – This shows the description of an alarm input.

   - **State** – This shows whether the alarm state is enabled or disabled.

   - **Configuration** – This shows the status of the configuration.

3. To find any information in **Alarm Inputs** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys.

3.6 VIEWING THE STATUS INFORMATION

The Status Information dialog provides the details about input devices that are connected to the MAXPRO-Net system, keyboards and their operators, cameras assigned to each monitor/VCR, and the configuration summary of the devices connected.

To view the status, perform the following steps.

1. Select **View** -> **Status Information** from the main window. The following dialog appears with the **Keyboard Locations** tab selected as default:

2. The **Keyboard Locations** tab shows the information such as identify number of the CCTV keyboard, description, and operators who are operating the keyboard.

3. Select the **Monitors Channels** tab to view the status of monitors and the channels, as shown in the following dialog:

3.6   VIEWING THE STATUS INFORMATION, CONTINUED

The tab includes the list of monitors, keyboards corresponding to these monitors, cameras from where the input is received, and the channel information.

4.   Select the **VCR Channels** tab to view the list of VCR channels and source channels.

VCR	Description	Source	Net	Trunk	Sequence	
VCR:941	DECODE MUX	CAM:13 C-13				
VCR:957	INC DUB	CAM:13 C-13				
VCR:901	STBY VCR 1	CAM:15 C-15				
VCR:902	STBY VCR 2	CAM:51 C-51				
VCR:903	STBY VCR 3	CAM:77 C-77				
VCR:904	STBY VCR 4	CAM:162 C-162				
VCR:905	STBY VCR 5	CAM:18 C-18				
VCR:906	STBY VCR 6	CAM:283 C-283				
VCR:907	STBY VCR 7	CAM:807 C-807				
VCR:908	STBY VCR 8	CAM:101 C-101				
VCR:909	STBY VCR 9	CAM:705 C-705				
VCR:910	STBY VCR 10	CAM:2 C-2				
VCR:911	STBY VCR 11	CAM:2 C-2				
VCR:912	STBY VCR 12	CAM:2 C-2				
VCR:913	STBY VCR 13	CAM:2 C-2				
VCR:914	STBY VCR 14	CAM:2 C-2				
VCR:915	STBY VCR 15	CAM:2 C-2				
VCR:916	STBY VCR 16	CAM:2 C-2				
VCR:917	STBY VCR 17	CAM:2 C-2				

5.   Select the **Other Channels** tab to view other channels and their source information.

Other Channels	Source	Net	Trunk	Sequence	
STBY:1 Standby VCR 1	CAM:1 123				
STBY:2 Standby VCR 2	CAM:2 C02 - BJ02 - V2				
STBY:3 Standby VCR 3	CAM:3 C03 - FPG03 - V3				
STBY:4 Standby VCR 4	[unknown source]				
STBY:5 Standby VCR 5	CAM:5 C05 - BJ05 - V5				
STBY:6 Standby VCR 6	CAM:6 C06 - FPG06 - V6				
STBY:7 Standby VCR 7	CAM:7 C07 - ESB07- V7				
STBY:8 Standby VCR 8	CAM:8 C08 - FPG08 - V8				
STBY:9 Standby VCR 9	CAM:9 C9 - BJ09 - V9				
STBY:10 Standby VCR 10	[unknown source]				
STBY:11 Standby VCR 11	CAM:11 C11 - MB11 - ...				
STBY:12 Standby VCR 12	CAM:12 C12 - BJ12 - V...				
STBY:13 Standby VCR 13	CAM:13 C13 - MB13 - ...				
STBY:14 Standby VCR 14	CAM:14 C14 - BJ14 - V...				
STBY:15 Standby VCR 15	CAM:15 C15 - MB15 - ...				
STBY:16 Standby VCR 16	CAM:16 C16 - BJ16 - V...				

3.6   VIEWING THE STATUS INFORMATION, CONTINUED

6.   Select the **Configuration Summary** tab to view the details (currently loaded data files) of the devices that are connected.

This dialog shows all the device details that are connected to the server.

7.   To find any information in **Status Information** dialog easily, select **Edit** -> **Find** from the main window or use Ctrl+F keys.

3.7   PORTING THE LOG MESSAGES

You can send log messages through e-mail, which will be saved in the .htm text format.

To port/send log messages through e-mail, perform the following steps.

1. Ensure that the required log window is activated.

2. From the MaxMon main window, select **File** -> **Send To** -> **Mail Recipient** menu. The following dialog appears:
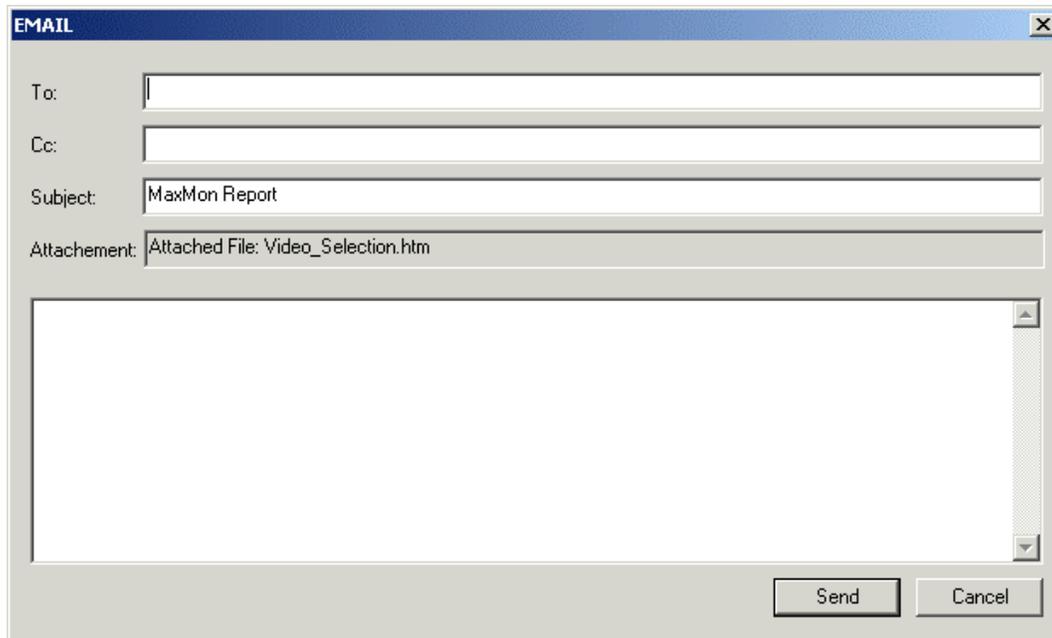
The selected log file is attached in the .htm format, as shown in the above dialog.

Note: The two options (**Mail Recipient** and **File)** under **File** -> **Send To** menu will be enabled only if you have any log window opened.

3. Enter the receiver mail ID in **To** field to whom you want to send the log report.

4. Use **CC** field to copy mails to more users, if applicable. You can enter multiple e-mail IDs separated by semicolon.

5. You can write any e-mail content in the text box provided after the **Attachment** field.

6. Click **Send** to send the e-mail along with the attachment to the targeted user.

7. To save log files on the local system directly, select **File** -> **Send To** -> **File** menu. The following dialog appears:
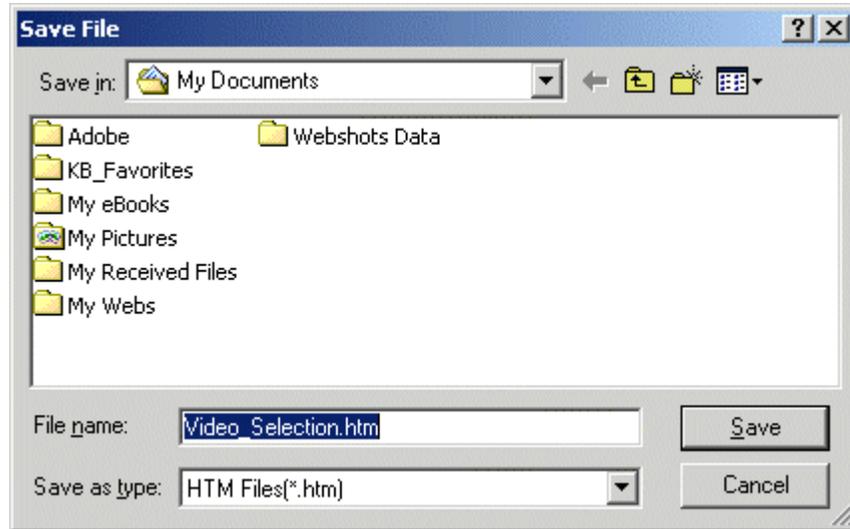
The **File name** field indicates the name of the log that is being selected in the MaxMon window.

The **Save as type** field shows the default format in which the log files will be saved.

8. Select the folder where you want to save the log file and click **Save**. The file will get saved in the selected location.

For example, the final log report appears as follows:
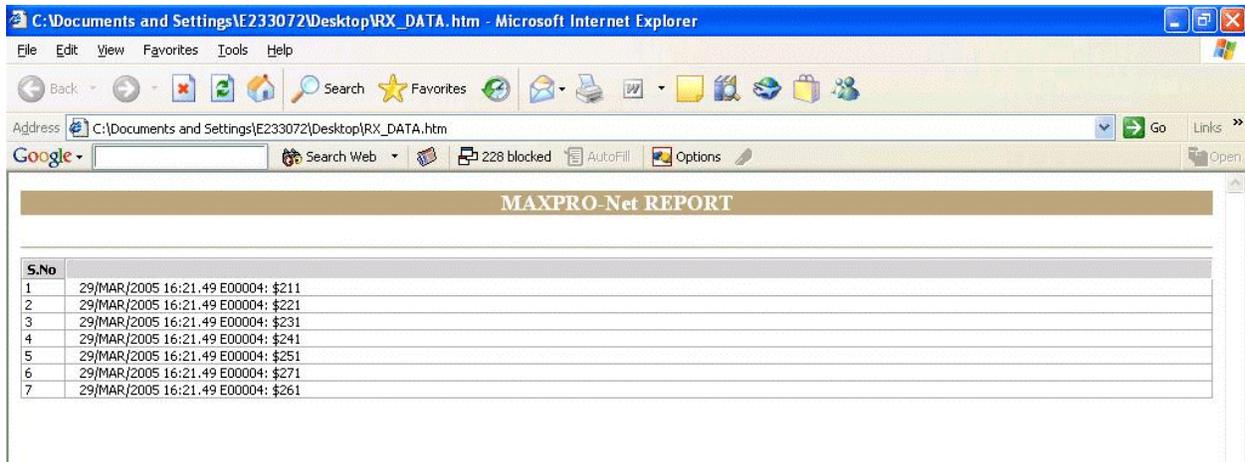
3.8   COPYING THE LOG MESSAGES

You can copy log messages using the **Copy** menu.

To copy log messages to the desired location, perform the following steps.

1. Ensure that the required log window is activated.

2. From the log window, select the message and then choose **Edit** -> **Copy** menu. Use Shift+Arrow key to select multiple messages or Ctrl+A key to select all the messages from the selected log window.

    The selected messages are saved in the clipboard and you can paste it in a notepad.

3. You can also copy the log messages using the right-click context menu options, as shown in the following dialog:
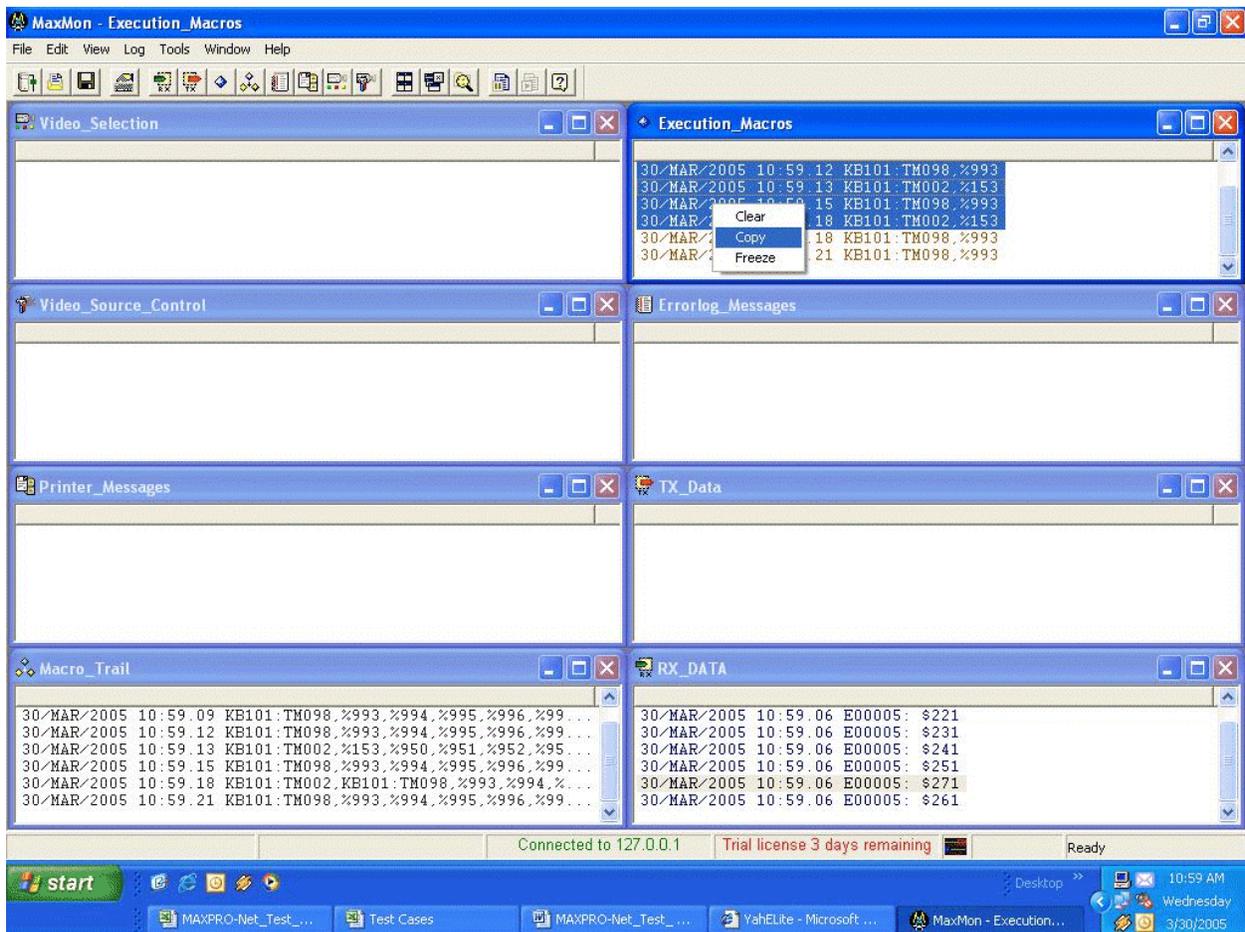
4. Select **Clear** from the right-click context menus to clear all the log messages from the selected window.

5. Select **Freeze** from the right-click context menus to freeze the log messages in the selected window.

Notes:

CHAPTER 4:
ABOUT KEYBOARD EMULATION

4.1   OVERVIEW

Keyboard Emulation is a MAXPRO-Net equivalent of system keyboard. You need an operator login to use this keyboard.

The users who have login access to keyboard emulation can connect to different monitors and different cameras for the status. Also, it allows you to do the PTZ operations of the selected camera and get status of the location that the camera is focused.

This section includes,

- Signing On to the Keyboard Emulation
- Signing Off from the Keyboard Emulation
- Using the Camera Setup Command
- Using the Auto Device Numbering
- Saving the New Default POWER-ON Settings

4.2   SIGNING ON TO THE KEYBOARD EMULATION

The operators use the Keyboard emulation feature of MaxMon to connect to the MAXPRO-Net Server and also to a particular camera for the updated status. You need to have the user login to utilize this function.

To use the keyboard utility to send commands/receive data, perform the following steps.

1. Select **Tools** -> **Keyboard Emulation** from the main menu. The following Sign On dialog appears:
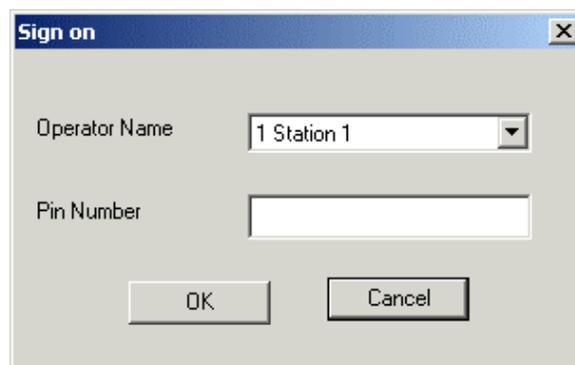
2. Select the operator name using the **Operator Name** drop-down list.

3. Enter four digits Personal Identification Number in the **Pin Number** box.

4. Click **OK** to activate the keyboard. The keyboard window appears at the bottom of the main window, as shown below:
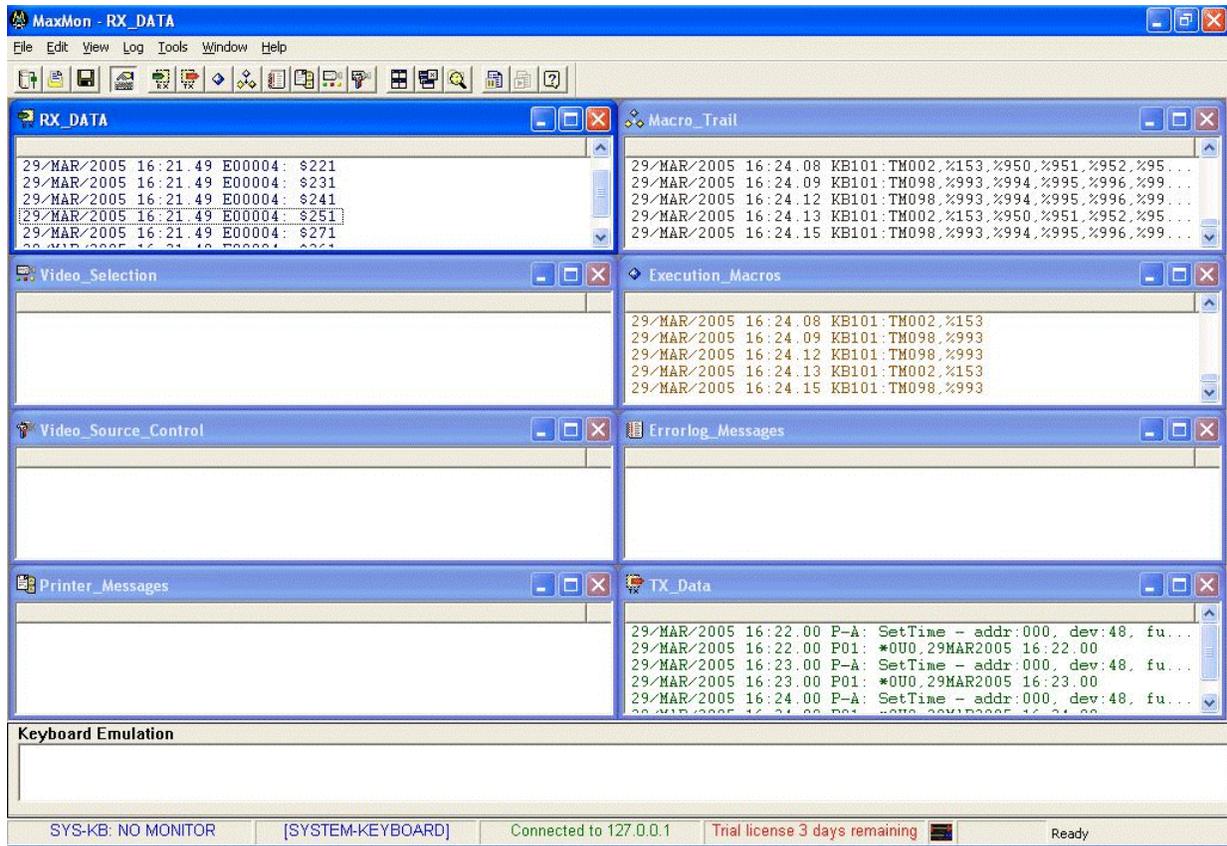
5. You can send commands using the Keyboard Emulation window.

6. Enter "m1" in the keyboard to select **Monitor 1** of a server.
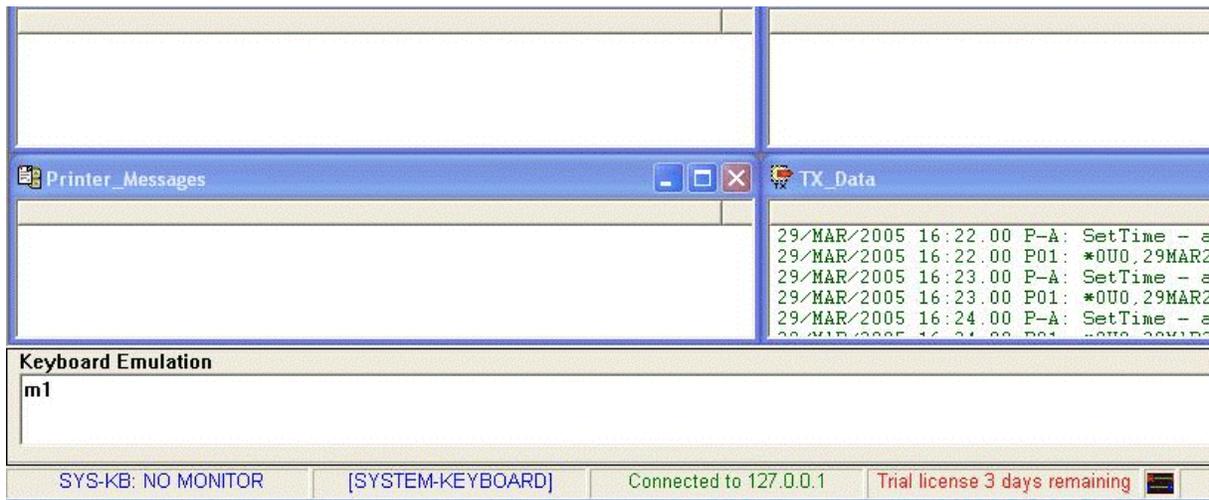
The task bar shows the details of monitor that is being selected.

7. Enter "c1" in the keyboard to switch **Camera 1** to **Monitor 1**.

8. Similarly, you can select to different monitors or cameras using the commands m1, m2, m3…. and c1, c2, c3… and so on, appropriately.

> The camera can be controlled using the following PTZ (Pan, Tilt, and Zoom) commands:
>
> - **Pan**ning can be done by using **left** and **right** arrow keys on the system keyboard.
>
> - **Tilt**ing can be done by using **up** and **down** arrow keys on the system keyboard.
>
> - **Zooming-in** can be done by using the **Ctrl+up** arrow keys on the system keyboard.
>
> - **Zooming-out** can be done by using the **Ctrl+down** arrow keys on the system keyboard.

4.3   SIGNING OFF FROM THE KEYBOARD EMULATION

> To sign off from the keyboard emulation, select **File** – **Sign Off**. The confirmation dialog appears to confirm signing off from MaxMon. Click **Yes** to close the keyboard window on the MaxMon utility.

4.4   USING THE CAMERA SETUP COMMAND

> Camera Setup Command option allows you to use the function keys on the keyboard and connect to a particular camera. Using these modes, you can change the camera settings/mode and get the status from different points/areas. This option is enabled only when the keyboard is activated.
>
> To use the Camera Setup Commands, perform the following steps.

1. After you activate the keyboard, select **Tools** -> **Camera Setup Command**. The **Camera Setup Mode** appears at the bottom of the window, as shown below:

Camera Setup Mode : F1: go to preshot menu, F2: run vs once, F3: continious vs, F5: list preshots, F6: list vs, F7: list vs contents, F8: list sectors, F9: home;

| SYS-KB: NO MONITOR | [SYSTEM-KEYBOARD] | Connected to 127.0.0.1 | Trial license 3 days remaining | Ready |
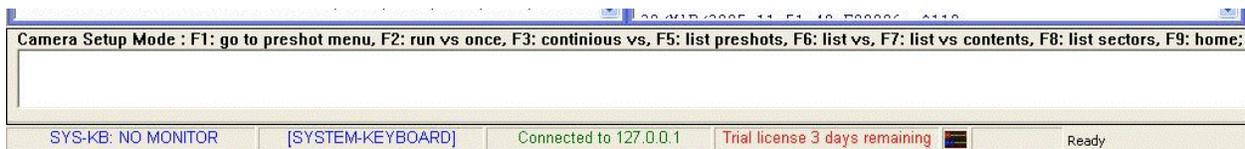
> This option is enabled only when the Keyboard is activated.

2. Use the function keys (F1, F2, F3, and so on) of Camera Setup Mode to view the status. The function keys on the keyboard are mapped to different modes of a camera.

4.5   USING THE AUTO DEVICE NUMBERING

Select **Tools** -> **Auto Device Numbering** to enable the device numbering. When enabled, the device (Camera or Monitor) number will be displayed in the keyboard along with the description.

4.6   SAVING THE NEW DEFAULT POWER-ON SETTINGS

To save any changes made to the configuration through MaxMon, perform the following steps.

1. To save any changes made to the configuration in MaxMon, select **Tools** -> **Save the New Default POWER-ON Settings**. The following confirmation dialog appears to confirm saving the current data in Max files:
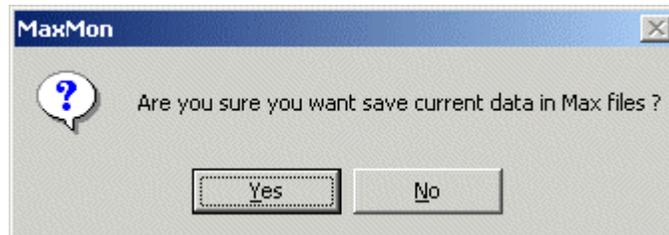
Note:

You can save the configuration changes only if the Setmax is not connected to MAXPRO-Net Server.

2. Click **Yes** to save the data in Max files. The following message appears:
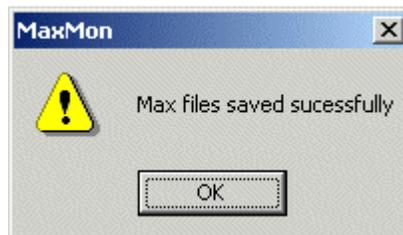
CHAPTER 5:
DISCONNECTING MAXMON UTILITY

5.1   DISCONNECTING MAXMON FROM THE MAXPRO-NET

MaxMon utility can be stopped when it is not in use.

To disconnect MaxMon from the MAXPRO-Net Server, perform the following steps.

1. On the MaxMon window, select **File** -> **Disconnect** from the main menu or click the **Disconnect** icon on the toolbar. The following message appears:
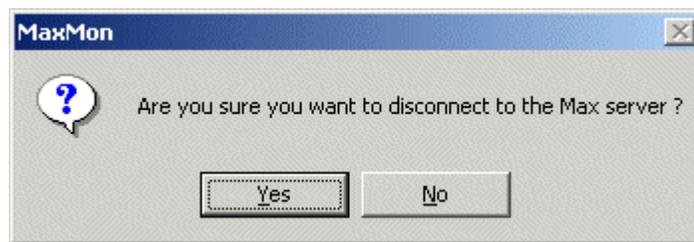
2. Click **Yes** to disconnect the MaxMon utility from MAXPRO-Net.

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