

Using ASM Manager Station 2

ASM Manager Station divides the parameters into categories, depending on what information they contain and how that information is displayed.

Initializing, Accessing, and Changing the Security Password

Access to ASM Manager Station is controlled with a security password. You will be required to initialize a password when you access ASM Manager Station for the first time.



To initialize a password, enter a password in the New Password field. Re-type the password in the Confirm field and then click **OK**.

After setting up a password, you will see the following dialog box every time you access ASM Manager Station:



To access ASM Manager Station, enter your password in the Password field, then click **OK**.

When you want to change your current password, simply click on the **Change** button to display the Change Password dialog box.

A screenshot of a 'Change Password' dialog box. It has a title bar with the text 'Change Password'. Inside, there are three text input fields labeled 'Old Password:', 'New Password:', and 'Confirm:'. Below the fields are two buttons: 'OK' and 'Cancel'.

To change your password, enter your current password and then enter your new password. Retype your new password to confirm and then click **OK**.

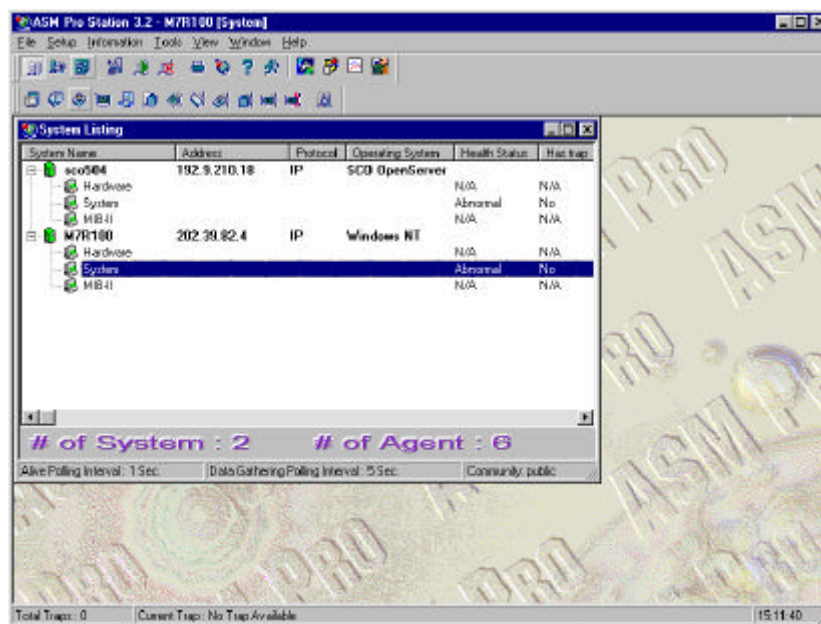
ASM Manager Station confirms the password change by displaying a dialog box with the message „Password changed successfully.“




The security password mentioned here is only applicable to ASM Manager Station and not to ASM Server Agents. See Chapter 5, ASM Pro Utilities, for more information on ASM Server Agent's security password feature.

ASM Manager Station User's Interface

The ASM Station user interface displays a tree structure (System Listing) containing the servers and agents that you want to view. From the menu bar and toolbars, you can choose to display parameter and/or event configuration information in ASM Manager Station's other windows. As such, you can make comparisons between the performance of different servers on your network by displaying them on screen simultaneously.



By pressing **CTRL** + , you can cycle through the open windows.

To display information about a machine, choose a machine in the system listing window and then click on one of the icons on the


toolbar or access the menu bar to display information about the machine. See Appendix A for a description of the Menu Bar and Toolbar buttons.

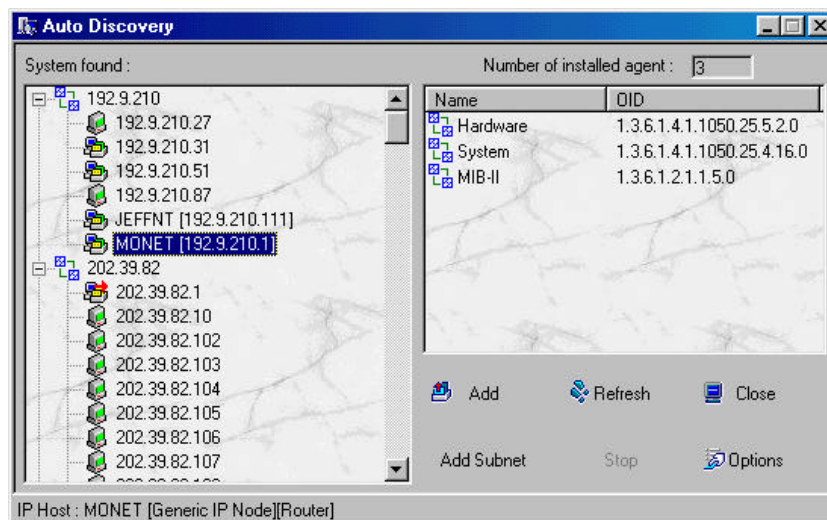
Adding a Machine into the System Listing

There are two ways to add a machine into the System Listing:

- Auto Discovery
- Manual Add

Auto Discovery

The first time you run ASM Manager Station, it will detect the machines with ASM Server Agents in a given network frame and display all the machines it discovered in the left panel. This process will take some time depending on the size of your network. You can also access the Auto Discovery screen by clicking the Auto Discovery icon () or by choosing **View > Auto Discovery**.



The **Refresh** button refreshes the list of available machines in the left panel.

The ASM Manager Station uses two protocol types to monitor machines:

- **IPX.** IPX is used for NetWare servers.
- **IP.** IP protocol is used for Windows NT, NetWare, SCO OpenServer, and SCO UnixWare.



IPX and IP protocols are automatically detected by ASM Pro.

ADDING AN IPX OR IP MACHINE

ASM Manager Station detects NetWare, SCO OpenServer, SCO UnixWare, and Microsoft Windows NT servers on your network and displays them on the left side of the Auto Discovery screen. It also displays the protocol and the address of each machine. The counter called Number of Installed Agents counts how many SNMP subagents are available for this focused machine.

ASM Manager Station displays each server according to the time the connection was established. Therefore, the order in which the servers are listed may vary each time you open this dialog box.

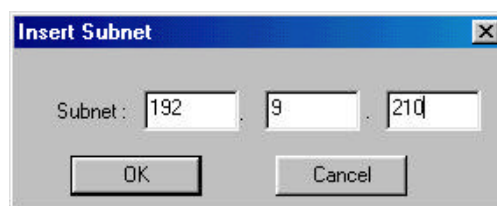
To add a new machine:

1. Click on the name of an agent you want to manage from the left panel.
2. Click the **Add** button.
3. The machine you just selected moves to the System Listing window.
4. Repeat steps 1 and 2 if you want to add more machines. When you finish adding, click **Close** to exit Auto Discovery.

The color of the server symbol to the left of the server name appears red at first. The color changes to yellow during the initialization process and then to green when the system has finished initializing.

SUBNET

Click **Add Subnet** button, ASM Manager Station will search all addresses of the subnet by matching the first three blocks you specify.



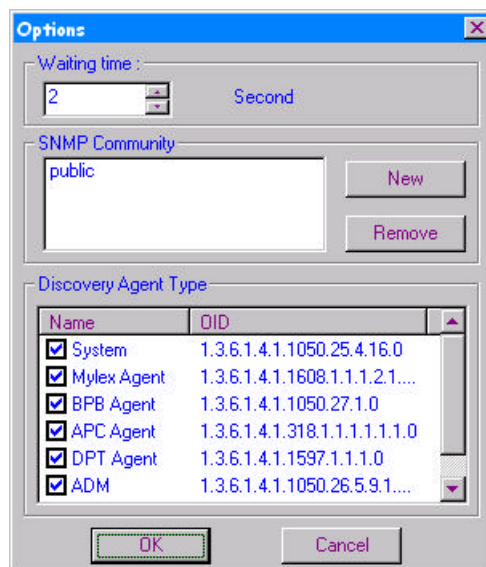
OPTIONS

The options window allows you to adjust the waiting time for ASM Manager Station to check available agents. You can also specify a new SNMP community name and specify which available agents you want to check.

To adjust the time interval, click on the arrow buttons to increase or decrease the number of seconds or just type in the number of seconds you want the system to wait before checking the next available agent.

To add a new SNMP community, click on **New** and type in the community name. To remove a current SNMP community name, highlight a community name and click **Remove**.

To check or uncheck any available agents in the window, click on the square box. This will toggle the parameter to check or uncheck.



Manual Add

You can manually add a machine by directly typing in the IP or IPX address of that machine.

To add an IP or IPX address manually:

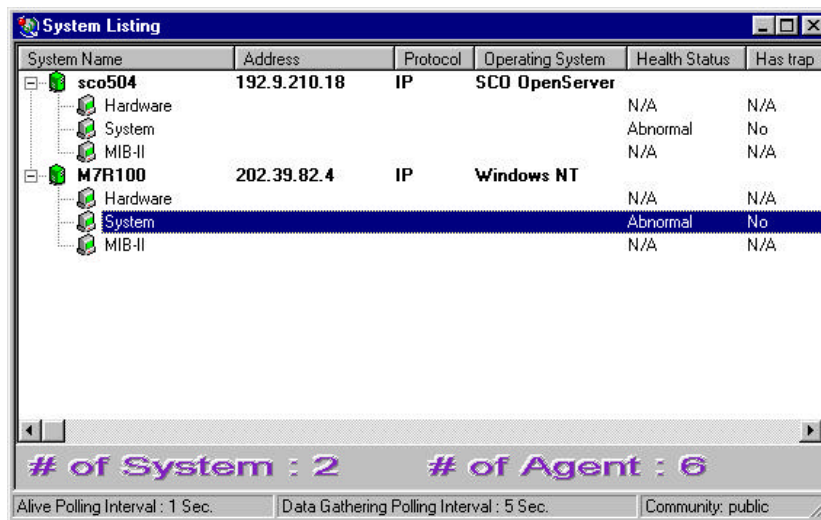
1. Click **File** ⇒ **Insert Machine**.
2. Type in the IP or IPX address of the system you want to monitor and click **OK**. If the address is available, it will show in the System Listing.

Removing a Machine from the List

You can easily remove a server from the current system listing. Simply highlight the machine and then click **File** ⇒ **Delete Machine/Service**.

Working with System Listing

The System Listing window initially displays machines currently monitored by ASM Manager Station. If no machines are being monitored the system listing screen appears blank. A typical system listing screen displays the following information: System Name, Address, Protocol, Operating System, Health Status, and Has trap.



System Name	Address	Protocol	Operating System	Health Status	Has trap
sco504	192.9.210.18	IP	SCO OpenServer		
Hardware				N/A	N/A
System				Abnormal	No
MIB-II				N/A	N/A
M7R100	202.39.82.4	IP	Windows NT		
Hardware				N/A	N/A
System				Abnormal	No
MIB-II				N/A	N/A

of System : 2 # of Agent : 6

Alive Polling Interval : 1 Sec. Data Gathering Polling Interval : 5 Sec. Community: public

The System Listing can be sorted by clicking on the column bars. For example, if you click on System Name, the system names will appear in alphabetical order. You can sort other columns, too.

A colored machine symbol at the left of each system name indicates the status of the server. From time to time the color of these symbols might change. This is due to the performance and condition of each machine being monitored.

Machine Symbols

One of the symbols shown below (Machine Box or Question Mark) appears to the left of each system name.



Machine Box. A machine box indicates that the machine is connected in band via an ethernet connection. The link is automatically initiated once the server is added to the System Listing.



Question Mark. The Agent and Station are incompatible with each other, either because different versions of ASM are being used or the server being monitored is shut down or not operating.



This symbol always appears in red, since the server is not connected to the ASM Manager Station.

The machine box symbol is represented by three different colors:

- **Green.** A green color indicates that the communication link between the agent and monitoring station is up and running.
- **Yellow.** A yellow color indicates that ASM Manager Station did not receive a response from the agent machine within a time period possibly due to heavy network traffic, a network error, or the machine is busy.
- **Red.** A red color indicates that the communication link between ASM Manager Station and ASM Server Agent is down or an error has occurred with its agents.



*If the status of the selected machine is red, all toolbar buttons are disabled (grayed out). Only the **Auto Discovery** button will be available.*

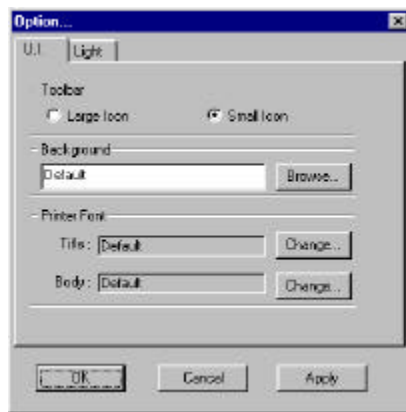
Option...

Click **Setup** ⇒ **Option...** and the Option window displays. The option window consists of two tabs: U.I. and Light.

U.I. Tab

The U.I. tab allows you to change the settings of the toolbar, background display, and printer fonts.

The toolbar icons can be small or large. Click on the radio button to change icon size.



You can also personalize the background display of ASM Manager Station. To change the background display, click **Browse** and choose a graphic file.

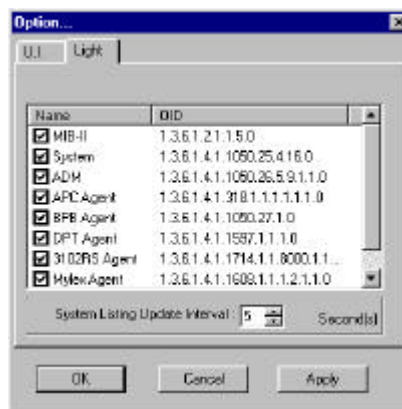
You can also customize your printer fonts by changing the font type in this setting. Click the **Change** button to change font type. It will then display a list of fonts located in your fonts folder in Windows.

Light Tab

The options here indicate whether ASM Manager Station should warn the user when one of the agents malfunctions by turning its icon symbol to red (see Machine Symbols).

To disable this function, click on the agent's square box and the check mark disappears. ASM Manager Station will ignore this agent's condition and will not warn the user if a malfunction occurs.

To enable this function, click the empty check box again.



ASM Manager Station updates the system listing's list every time the interval indicated in the System Listing Update Interval elapses. The maximum time interval is 60 seconds and the minimum is 1 second.

Click the up and down arrow button to increase and decrease the number of seconds.