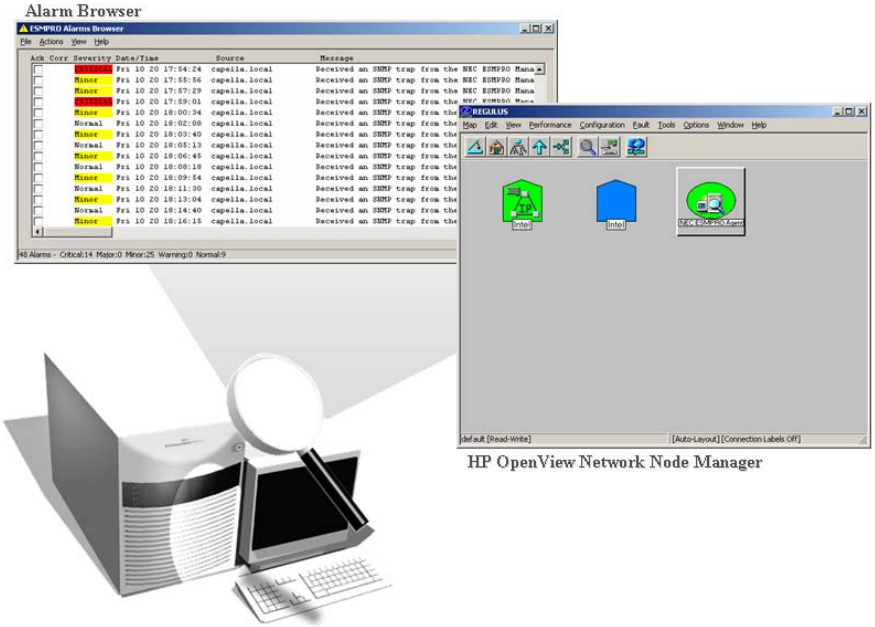
Chap. 5

NEC ESMPRO Manager and HP OpenView Network Node Cooperation of Manager (HP OpenView Integration)

5.1 About HP OpenView Integration
5.2 Registration of NEC ESMPRO Agent
5.3 Monitoring of NEC ESMPRO Agent
5.4 Display of SNMP Trap of NEC ESMPRO Agent
5.5 Start-up of Operation Window and AlertViewer

5.1 About HP OpenView Integration

Thanks to NEC ESMPRO Manager - HP OpenView Integration, you can utilize server management function provided by NEC ESMPRO Manager on HP OpenView.



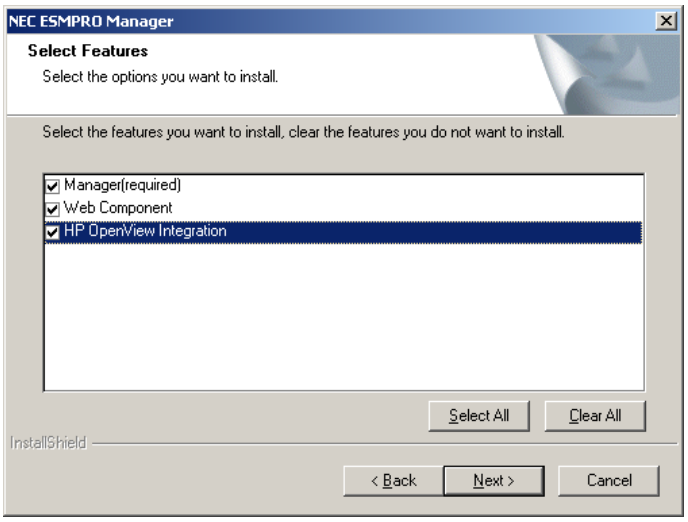
5.1-1 How to use HP OpenView Integration

The following functions are added to HP OpenView Network Node Manager by HP OpenView Integration.

- Autodiscover of NEC ESMPRO Agent and deletion
- Status Polling of NEC ESMPRO Agent
- Display of SNMP trap of NEC ESMPRO Agent
- Start-up of Operation Window
- Start-up of AlertViewer
- Start-up of DataViewer

1. Installation Procedures

1. Install HP OpenView Network Node Manager before you install NEC ESMPRO Manager.
2. Install NEC ESMPRO Manager. At that time, check the checkbox of HP OpenView Integration on Select Features Screen.



Select Features Screen

3. After installation, reboot computer.
4. Select [Options]-[Customize]-[My Manager] of Operation Window menu.
5. Select [Use SNMP Trap Service] on [Method of receiving SNMP Trap] of [My Manager] Dialog Box and click [OK] button.
6. Reboot computer.

CAUTION

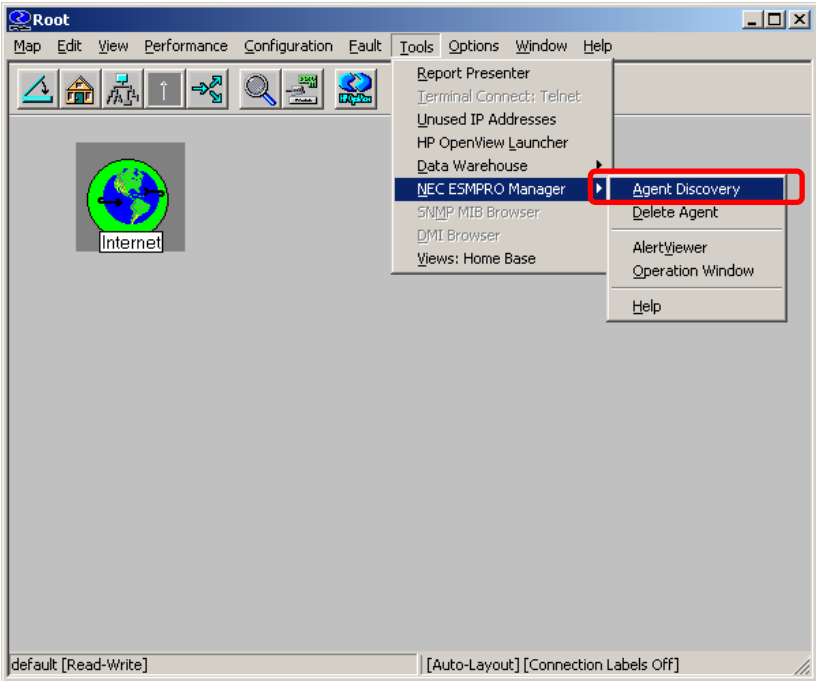
To install HP OpenView Integration, HP OpenView Network Node Manager is required to be installed beforehand.
In case HP OpenView Network Node Manager is not installed, HP OpenView Integration is not display on the Select Features Screen of the procedure 2 above.

5.2 Registration of NEC ESMPRO Agent

By utilizing Autodiscover, you can search NEC ESMPRO Agent and register it to HP OpenView Network Node Manager.

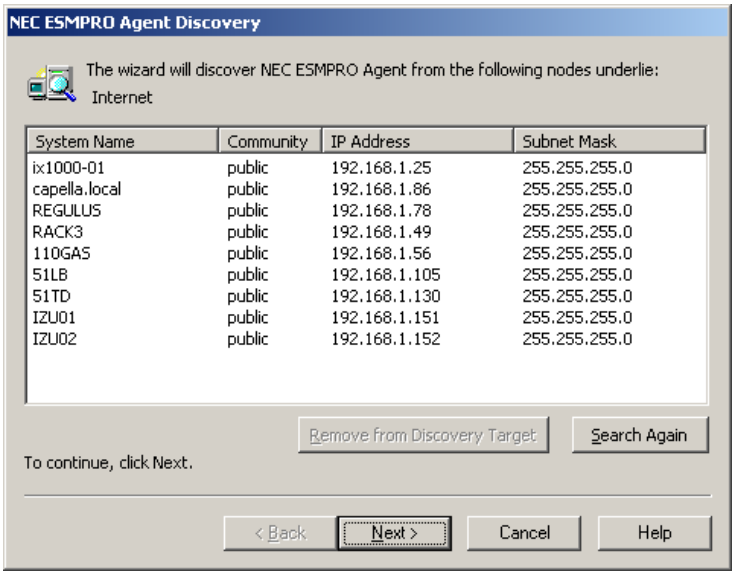
1. How to execute AutoDiscover

1. Activate HP OpenView Network Node Manager and select symbol where server is registered for AutoDiscover with mouse.
2. Select [NEC ESMPRO Manager]-[Agent Discovery] from [Tools] menu.



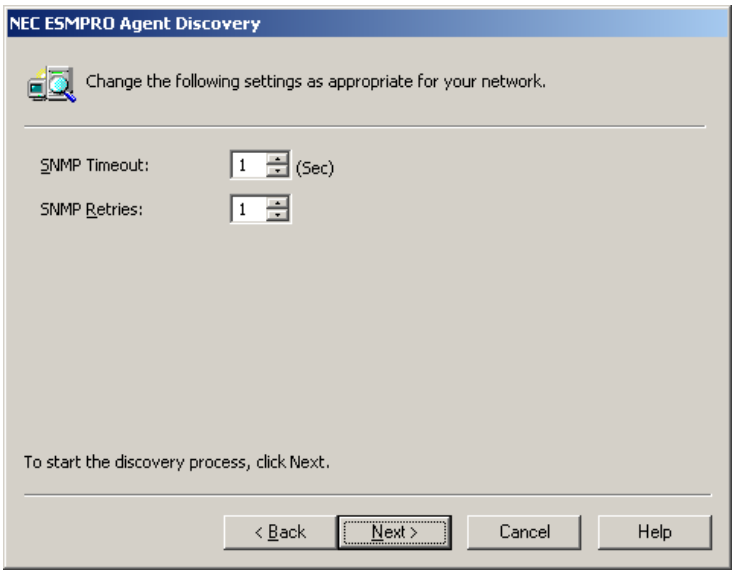
Screen of HP OpenView Network Node Manager

3. Display a list node for AutoDiscover and press [Next] button



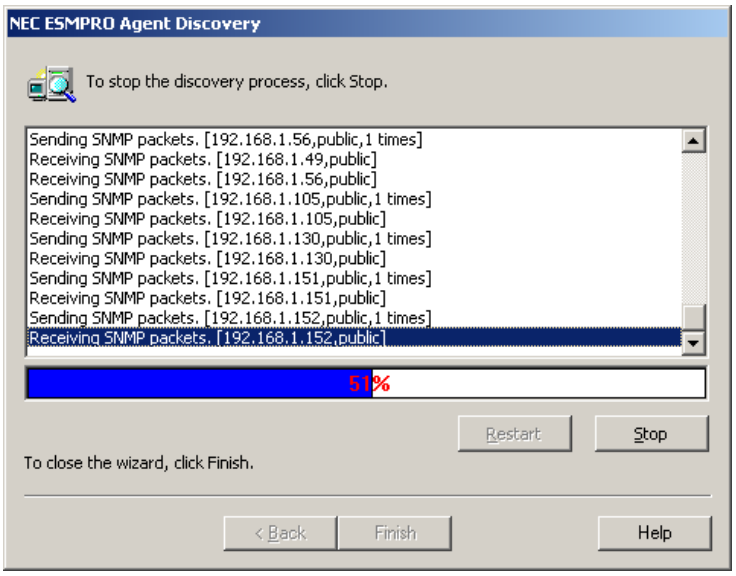
Node Selection for AutoDisover Screen

4. Input setting for discovery details and press [Next] button.



Discovery Details Setting Screen

5. AutoDiscover Screen is opened and it starts AutoDiscover automatically.



AutoDiscover Screen of NEC ESMPRO Agent

POINT

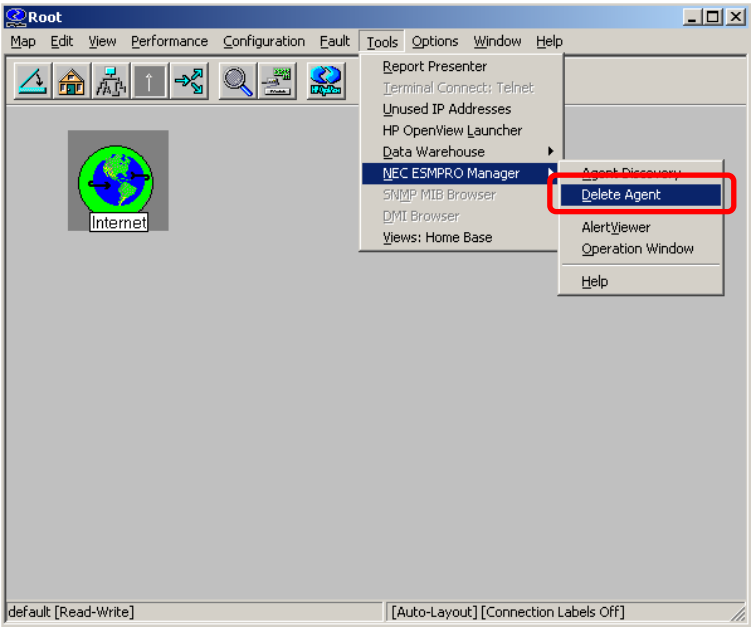
It detects NEC ESMPRO Agent for the node supporting SNMP registered on HP OpenView Network Node and registers NEC ESMPRO Agent Symbol on relevant node submap.

POINT

Press [Remove from Discovery Target] button on Selection Screen for Discover.

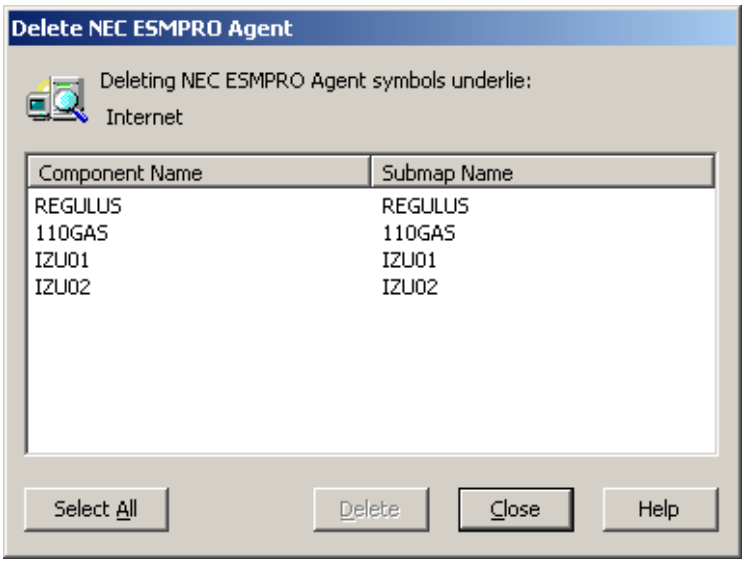
2. How to Delete

1. Activate HP OpenView Network Node Manager and select network symbol registered node to delete with mouse.
2. Select [NEC ESMPRO Manager] from [Tools] menu and select [Delete Agent].



Root Screen of HP OpenView Network Node Manager

3. Select item to delete from list and press [Delete] button.



Screen of Node Section for Deletion

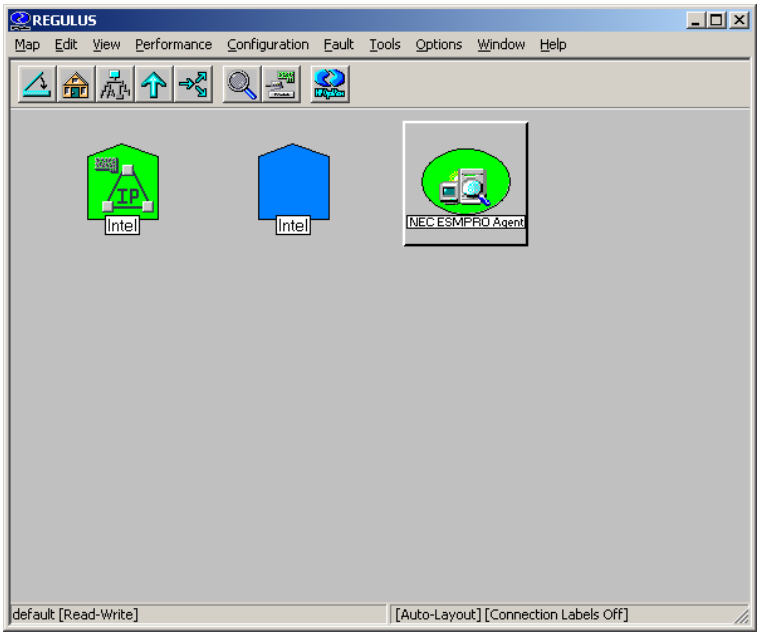
POINT

Press [Select All] button and all the symbols on the list are displayed.

5.3 Monitoring of NEC ESMPRO Agent

1. How to monitor Status of NEC ESMPRO Agent

NEC ESMPRO Agent Symbol registered in HP OpenView Network Node Manager displays status color of NEC ESMPRO Agent.



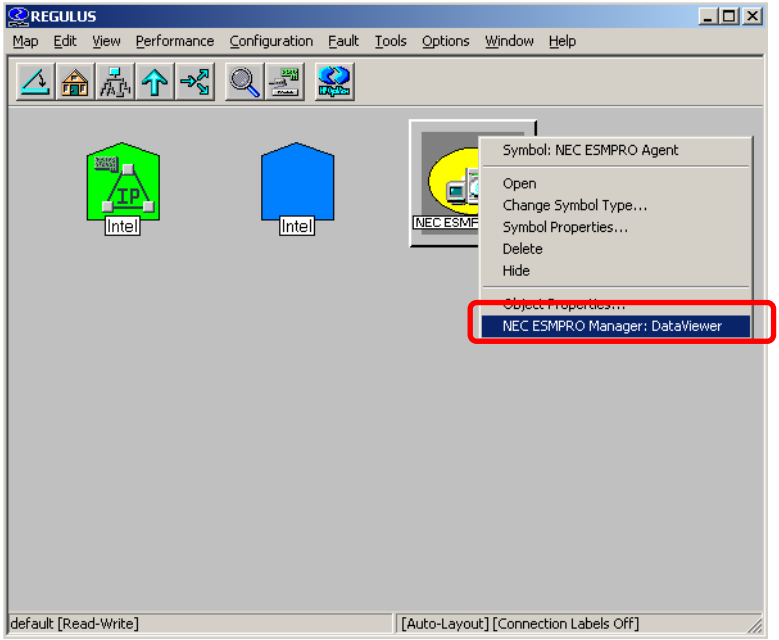
Symbol of NEC ESMPRO Agent

The colors of NEC ESMPRO Agent Symbol are set by default as follows:

Status of Server	Color of Symbol
Normal	Green
Warning	Yellow
Error	Red
Unknown	Blue

2. To start up DataViewer

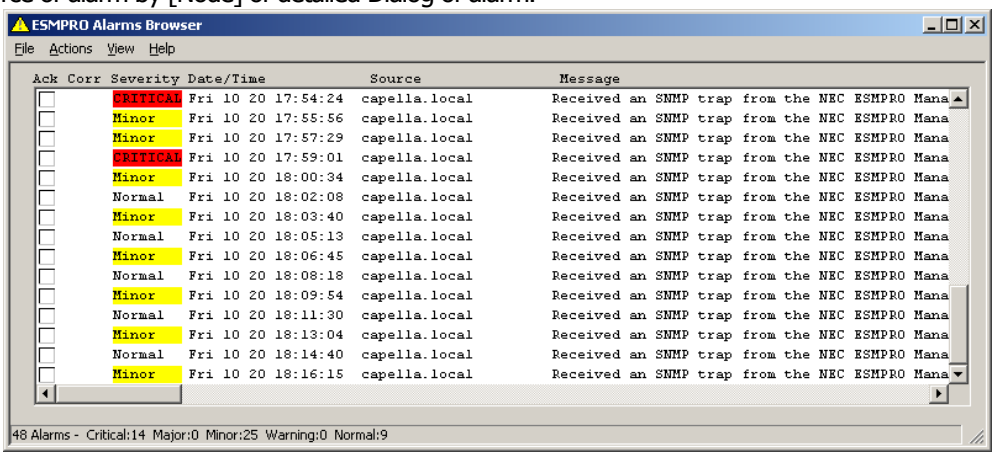
Select Symbol of NEC ESMPRO Agent and select [NEC ESMPRO Manager:DataViewer] of Pop-up Menu.



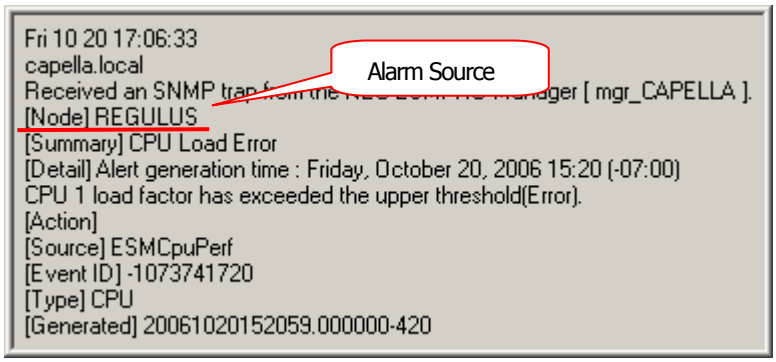
Symbol NEC ESMPRO Agent

5.4 Display of SNMP Trap of NEC ESMPRO Agent

You can display SNMP Trap NEC ESMPRO Agent sent on Alarm Browser of HP OpenView Network Node Manager.
Moreover, when you select alarm of aim and right-click, detailed Dialog of alarm is displayed.
Confirm source of alarm by [Node] of detailed Dialog of alarm.



Alarms Browser



Detailed Dialog of Alarms

CAUTION

The trap of NEC ESMPRO Agent displayed on Alarm Browser is the one redirected to HP OpenView Network Node Manager from NEC ESMPRO Manager by Trap Redirection function of NEC ESMPRO Manager.
The source of Alarm Browser displays the machine of redirection source. Check server name of actual trap source by [Node] of message.

CAUTION

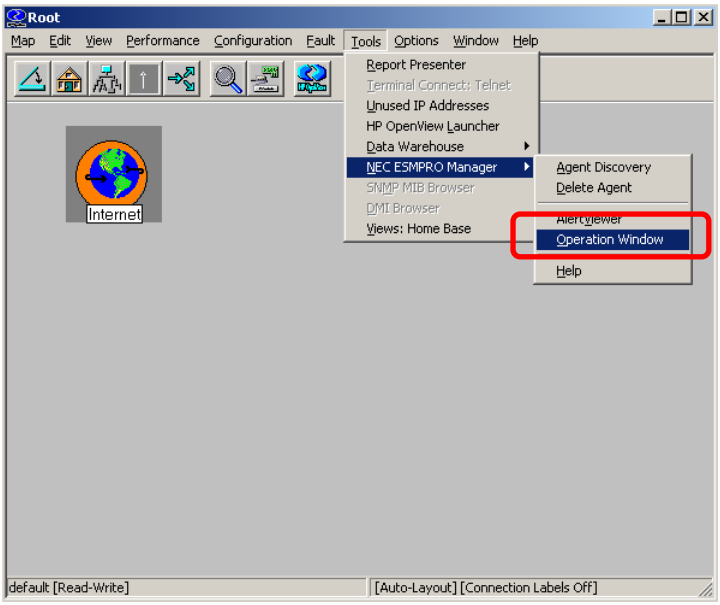
If you set to send traps from NEC ESMPRO Agent using SNMP, HP OpenView Network Node Manager may receive two types of traps: traps from NEC ESMPRO Agent and traps transferred by this function. To avoid receiving traps from NEC ESMPRO Agent, configure the settings on HP OpenView Network Node Manager so that you do not receive the traps with the following enterprise IDs:

1.3.6.1.4.1.119.2.2.4.4.1.* - 1.3.6.1.4.1.119.2.2.4.4.30.*
1.3.6.1.4.1.119.2.3.133.7.3
1.3.6.1.4.1.1608.1.1.1.9.1
1.3.6.1.4.1.2.6.158
1.3.6.1.4.1.318
1.3.6.1.4.1.6203.1.41

5.5 Start-up of Operation Window and AlertViewer

1. To start up Operation Window

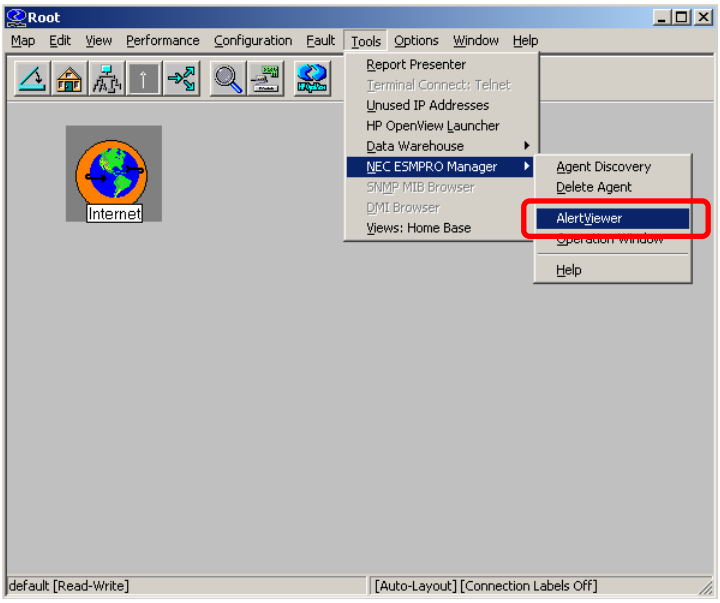
Select [NEC ESMPRO Manager] from [Tools] menu and select [Operation Window].



Root Screen of HP OpenView Network Node Manager

2. To start up AlertViewer

Select [NEC ESMPRO Manager] from [Tools] menu and select [AlertViewer].



Root Screen of HP OpenView Network Node Manager