

# **NetSight Console Installation**

# Table of Contents

<b><u>NetSight Suite Installation</u></b> .....	<b>1</b>
<u>General Information</u> .....	1
<u>Operating System Requirements</u> .....	1
<u>Hardware Requirements</u> .....	2
<u>Screen Resolution</u> .....	2
<u>Upgrading from NetSight Console</u> .....	2
<u>Evaluation Copy</u> .....	3
<u>NetSight Services</u> .....	3
<u>NetSight Installation – Windows</u> .....	4
<u>Stop Other Services</u> .....	4
<u>Install and Launch NetSight</u> .....	5
<u>NetSight Installation – Linux</u> .....	5
<u>Preparing for CD Installation</u> .....	6
<u>Install and Launch NetSight</u> .....	6
<u>Remote Client Launch</u> .....	7
<u>Uninstalling NetSight</u> .....	8
<u>Uninstalling on Windows</u> .....	8
<u>Uninstalling on Linux</u> .....	8
<u>Global Support</u> .....	8
<u>Related Information</u> .....	8

# NetSight Suite Installation

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This document provides instructions for installing the Enterasys NetSight Suite of products. It includes steps for installing and launching NetSight, and for launching NetSight applications on remote NetSight clients. It also includes information for those upgrading from an earlier version of NetSight.

**NOTE:** When this help topic is opened outside of the NetSight help system, the links from this topic to other help topics will not work. Links within the topic will work and once you've installed NetSight, you can launch the help system and access help for all topics.

- General Information
  - Operating System Requirements
  - Hardware Requirements
  - Screen Resolution
  - Upgrading from NetSight Console
  - Evaluation Copy
  - NetSight Services
- NetSight Installation – Windows
  - Stop Other Services
  - Install and Launch NetSight
- NetSight Installation – Linux
  - Preparing for CD Installation
  - Install and Launch NetSight
- Remote Client Launch
- Uninstalling NetSight
  - Uninstalling on Windows
  - Uninstalling on Linux
- Global Support

## General Information

Before you install the NetSight, it is recommended that you read the [NetSight Release Notes](#). The most recent version of the release notes can be found on the NetSight Documentation web page: <http://www.enterasys.com/support/manuals/netsight.html>. If you are installing from a CD, you can also access the release notes from the CD with a web browser by opening the `relnotes.htm` file located in the top-level directory.

When you purchased NetSight, you received a Licensed Product Entitlement ID that allows you to generate a product license. Prior to installing NetSight, you must redeem your Entitlement ID for a product license. Refer to the instructions included with the Entitlement that was sent to you. (For more information, see <http://www.enterasys.com/products/management/>.)

## Operating System Requirements

The following operating systems are supported:

- **Windows** (qualified on the English version of the operating systems)

## NetSight Console Installation

- Windows Server™ 2003 w/ Service Pack 2
- Windows XP® w/ Service Pack 2
- Windows Vista 32-bit
- **Linux**
  - Red Hat Enterprise Linux WS and ES v3 and v4
  - SuSE Linux versions 9 and 10

## Hardware Requirements

These are the hardware requirements for the machine that will be running NetSight and for remote NetSight clients machines:

- **NetSight (Includes NetSight Server and Local Client)**
  - Recommended P4–2.4 GHz, 1GB RAM  
(Windows Vista requires 1.5 to 2GB RAM)
  - Free Disk Space – 756MB
- **Remote Client**
  - Recommended P4–2.4 GHz, 512MB RAM  
  
(Windows Vista requires 1 to 1.5GB RAM)
  - Free Disk Space – 100MB
  - Supported Web Browsers:
    - Internet Explorer version 6 and 7
    - Mozilla Firefox 2.0
  - Java Runtime Environment (JRE) 1.5 or higher  
(Windows Vista requires JRE 1.6 or higher)

## Screen Resolution

For optimum display of NetSight windows and tables, the recommended minimum screen resolution setting for NetSight clients is 1024 by 768 pixels.

## Upgrading from NetSight Console

This section provides information for NetSight users who are upgrading from an earlier version of NetSight Console 2.x.

**NOTE:** NetSight 3.0 cannot coexist on a machine with an earlier version of NetSight Console 2.x or any other NetSight plugin application. When you install NetSight 3.0 over a previous installation, it will overwrite the earlier installations.

NetSight 3.0 updates the overall architecture of the client–server capabilities of the NetSight Suite of products. Here are some highlights of the enhancements that were made.

### Single Installation

When you install NetSight 3.0, the entire suite of NetSight applications is installed — there is no longer a requirement to install each application individually. Based on your product license, the appropriate NetSight

## NetSight Console Installation

applications and functionality will be enabled for you to launch.

### Java Web Start Client

Earlier versions of NetSight applications (prior to 3.0) required a separate client installation for each remote client. With NetSight 3.0, you can now download a client directly from the NetSight Server without the need for a separate client install. A user can download a client by opening a web browser and accessing the NetSight Launch Page. From the Launch Page you simply click on the NetSight application that you want run. For complete instructions, see [Remote Client Launch](#).

### Single Login

When you log into a NetSight application, any subsequent application you launch does not ask for your login credentials.

### Suite–Wide Options Migration

When you upgrade from NetSight Console release 2.x to NetSight 3.0, the suite–wide option settings will be automatically migrated.

## Evaluation Copy

If you have requested a NetSight evaluation license, you will receive a License Key. Evaluation requests for each product are limited to three 30–day instances.

To upgrade from an evaluation copy of NetSight to a purchased copy, contact your Enterasys Networks Representative to purchase the software and receive an Entitlement ID. You do not need to reinstall the software to perform the conversion. If your Evaluation copy has not expired:

1. In the NetSight Console main window, select **Tools > Server Information**.
2. In the Server Information window, click the **License** tab.
3. Select Console from the table and click **Change License**.
4. Read and accept the License and click **OK**.
5. Enter the license text that you received when you generated the product license. (When you purchased the software, you received a License Entitlement ID that allows you to generate a product license. Refer to the instructions included with the License Entitlement ID that was sent to you.)
6. Click **Update**. The license file will be updated with the new license text.

If you have let your Evaluation Copy expire, when you launch NetSight Console a window opens where you can enter the license text.

## NetSight Services

During the NetSight installation, you have the option of enabling (configuring to launch automatically) the NetSight Services. The services offered depend on whether your platform is Windows or Linux.

- **SNMPTrap Service** (Windows and Linux) – Enables SNMP trap messages to be received and logged when problems or irregularities are detected on network devices. Only one trap service may be running at a time on a server. If you are also running a network management system on the server, you may wish to use the network management trap service.

*Windows Users:* Windows users should check for and stop any other SNMP trap service before enabling the NetSight version (see [Stop Other Services](#)).

## NetSight Console Installation

- **TFTP** (Windows and Linux) – Enables you to upload and download configuration files, and download firmware to devices. Only one TFTP service may be running at a time on a machine.  
*Windows Users:* Windows users should check for and stop any other TFTP service before enabling the NetSight version (see [Stop Other Services](#)).  
*Linux Users:* Typically, the TFTP service that exists in Linux is disabled; however, if it is enabled, you may wish to disable it and enable the NetSight version of TFTP which provides additional features for NetSight. If you elect to enable the NetSight version on the Linux platform, you must first disable the Linux TFTP service and perform some configuration as follows:

1. Using a text editor, edit the file `/etc/xinetd.d/tftp`
2. Set `disable = yes`

Sample file:

```
service tftp
{
  flags = REUSE
  socket_type = stream
  wait = no
  user = root
  server = /usr/sbin/in.tftp
  disable = yes
}
```

3. Then run : `/etc/rc3.d/s56xinetd restart`

- **BOOTP** (Windows only) – Enables the NetSight server to also be a BOOTP server. This allows the server to supply devices with firmware images (or other basic identity information) in the event the device's current firmware image becomes corrupt. Only one BOOTP service can be running at a time on a machine.
- **Syslog** (Windows only) – NetSight Console maintains a record of syslog messages in the Syslog tab of the Event View.

When you enable a NetSight service, it runs in the background on the NetSight server. The service starts automatically by default, and if you shut down and restart the machine, the service is restarted automatically. After you've installed NetSight, you can use the **Tools > Options Services for NetSight Server window** to enable or disable the automatic startup of these services. For example, if you do not enable the TFTP service when you install, you can use the Options window to enable the automatic startup of the TFTP service. In addition, there may be times when you want to stop or restart the services manually; for information see [NetSight Services](#).

## NetSight Installation – Windows

Use the following instructions to install NetSight on a Windows platform system where you have administrative rights.

### Stop Other Services

If you will be using the NetSight version of SNMPtrap and/or TFTP service, you cannot be running another version of that service on your system. If you are running one of these non-NetSight services on your system, you must shut it down before installing NetSight, as follows:

1. Open the **Services** window on your system (**Control Panel > Administrative Tools > Services**).

## NetSight Console Installation

2. Scroll down to find the service in the list.
3. Right click on the service and select **Stop** from the popup menu.
4. Right click on the service again and select **Properties** from the popup menu.
5. In the Properties window, set the **Startup Type** for the service to **Manual**.
6. Repeat for any other services, if necessary.
7. Close the Services windows and Control Panel.
8. Open the Task Manager and check to be sure that the process is not running.
9. Close the Task Manager.

## Install and Launch NetSight

1. Download the NetSight software from the NetSight product web page at <http://www.enterasys.com/products/management/>. Or, if you are installing from a CD, insert the NetSight CD into your system's CD drive.
2. Navigate to `install.exe` and double-click it.
3. The NetSight Installer leads you through a series of windows that asks for all the information required in order to install NetSight. You will need the following information for the Installer Program:
  - **License Text** — You will be asked to enter separate license text for each NetSight application you want to enable. You received the license text when you generated your NetSight product license. (When you purchased NetSight, you received a Licensed Product Entitlement ID for each NetSight application that you purchased. This Entitlement ID allows you to generate a product license. Refer to the instructions included with the Entitlement ID that was sent to you.) If you choose not to enter the license text during the installation, you will be asked to enter it the first time you launch each individual NetSight application.
  - **Destination Directory** — This is the path to your NetSight Installation Directory. In the Destination Directory window, click **Choose** to navigate to the directory, or type the path in manually.When you have finished with this series of windows, NetSight will be installed according to your specifications.
4. Following the installation, the NetSight Server starts automatically.
5. To launch a NetSight application, use the desktop shortcut to open the NetSight Launch Page. Launch your NetSight applications by clicking on the names or icons of any of the listed applications. You can also launch a NetSight application from the **Start** menu by selecting **Programs > Enterasys Networks > NetSight > Clients**.

## NetSight Installation – Linux

Use the following instructions to install NetSight on a Linux platform system. The user performing the installation must be the root user.

**NOTE:** Prior to beginning installation, verify that your `/etc/hosts` file has the local host name specified. It should have an entry that looks like:

```
127.0.0.1 localhost
```

**NOTE:** You may encounter a Java exception during the install when becoming the root user with the `su -` command. Be sure that your system's root environment has a proper `DISPLAY` variable setting. The Installation program will report a Java exception (`InvocationTargetException`) if

## NetSight Console Installation

the DISPLAY variable is undefined.

If this occurs:

- Before using the `su -` command, set the system display variable to accept a remote display with the command:  
`/usr/openwin/bin/xhost +`
- After using the `su -` command, set the display variable in the environment where the `su -` was done.

For C shell:

```
setenv DISPLAY :0.0
```

For Korn shell:

```
export DISPLAY=:0.0
```

## Preparing for CD Installation

Perform the following steps if you will be installing the NetSight software from a CD. The following procedures assume that the CD drive from which you are installing is physically attached to the system where NetSight is being installed.

1. Insert the NetSight CD into the CD drive.
2. Use an xterm where you are logged in as root. (Be sure that your system's root environment has a proper DISPLAY variable setting. For more information see the above [note](#).)
3. Using the `cd` command, `cd` to the `/mnt/cdrom` directory.
4. Using the `ls` command, check to see if the CD drive is mounted. If no files are listed, issue the following commands:  

```
mount /mnt/cdrom
```

## Install and Launch NetSight

1. Use an xterm where you are logged in as root. (Be sure that your system's root environment has a proper DISPLAY variable setting. For more information see the above [note](#).)
2. **If you have downloaded the software:**  
`cd` to the directory where you downloaded the installer and start the Installer with the command  

```
sh ./suite_<version>_install.bin.
```

**If you are installing from a CD:**  
Start the installer with the command  

```
/mnt/cdrom/linux/suite_<version>_install.bin.
```
3. The NetSight Installer leads you through a series of windows that asks for all the information required in order to install NetSight. You will need the following information for the Installer Program:
  - **License Text** — You will be asked to enter separate license text for each NetSight application you want to enable. You received the license text when you generated your NetSight product license. (When you purchased NetSight, you received a Licensed Product Entitlement ID for each NetSight application that you purchased. This Entitlement ID allows you to generate a product license. Refer to the instructions included with the Entitlement ID

## NetSight Console Installation

that was sent to you.) If you choose not to enter the license text during the installation, you will be asked to enter it the first time you launch each individual NetSight application.

- **Destination Directory** — This is the path to your NetSight Installation Directory. In the Destination Directory window, click **Choose** to navigate to the directory, or type the path in manually.

When you have finished with this series of windows, NetSight will be installed according to your specifications.

4. Following the installation, the NetSight Server starts automatically.
5. To launch a NetSight application, navigate to the <install directory>/Clients directory and select the NetSight application you want to launch.

## Remote Client Launch

The NetSight Suite products are web applications that will install and run when accessed from the NetSight Launch Page. Remote NetSight clients can use the following steps to access the NetSight Launch Page and run NetSight applications from the remote client machine.

1. Open a browser window and enter the NetSight Launch page URL in the following format:

**http://<servername>:8080/**

where <servername> is the NetSight Server's IP address or hostname, and 8080 is the required port number. For example,

**http://10.20.30.40:8080/**

2. The NetSight Launch Page opens. At the top of the web page you will see tabs for the following functions:
  - **Launch Page** – Launch your NetSight applications by clicking on the names or icons of any of the listed applications.
  - **Getting Started** – In order to launch your NetSight applications, you must have Java Runtime Environment (JRE) 1.5 or higher installed on your system. (Windows Vista requires JRE 1.6 or higher.) This page tells you if you have met this requirement and provides instructions for installing the Java Runtime Environment (JRE), if required.
  - **Administration** – Provides access to specific server administration functions such as client and server diagnostics, and server utilities.
3. Verify that you have met the JRE requirement by accessing the Getting Started tab, and install the JRE according to the instructions on the Install Java tab, if required.
4. Click on the Launch Page tab and launch the desired NetSight application by clicking the name or icon.

**NOTE:** User preferences and application data (such as FlexViews and MIBs) for remote clients are stored in the following local directory on the client machine: C:\Documents and Settings\\Application Data\NetSight.

## Uninstalling NetSight

Use the procedures below to uninstall your NetSight Suite of products. The uninstall will remove all NetSight data from the database. Be sure to backup your database prior to uninstalling.

### Uninstalling on Windows

From the **Start** menu, select **Programs > Enterasys Networks > NetSight > Uninstall**.

### Uninstalling on Linux

Navigate to the <install directory>/uninstaller directory and start the Uninstaller by issuing the command:

```
./uninstall.sh
```



## Global Support

By Phone: 978-684-1000  
1-800-872-8440 (toll-free in U.S. and Canada)

For the Enterasys Networks Support toll-free number in your country:  
<http://www.enterasys.com/services/support/contact/>

By Email: [support@enterasys.com](mailto:support@enterasys.com)

By Web: <http://www.enterasys.com/services/support>

By Fax: 978-684-1499

By Mail: Enterasys Networks, Inc., 50 Minuteman Rd., Andover, MA 01810 (USA)

For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Enterasys Networks Support web site.



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## Related Information

For release information:

- [NetSight Release Notes](#)

