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## 1- HOST RECONFIGURATION OVERVIEW

All Octane Host computers for new installations are pre-loaded with Release 8.3 software that is pre-configured for some default values. You must reconfigure the Host computer for the correct configuration files using the Guided Install GUI.

For systems that upgrade hardware, or change the configuration, the Guided Install GUI is also used to change the software to work with the new configuration.

### 1-1 New Installations and Upgrades to Signa LX

The 8.3 Guided Install GUI is used to reconfigure the software to match your customer's environment and the hardware that is actually shipped to your customer. For a new installation review data in all tabs and update any information to match actual hardware, system, network, or other configuration information.

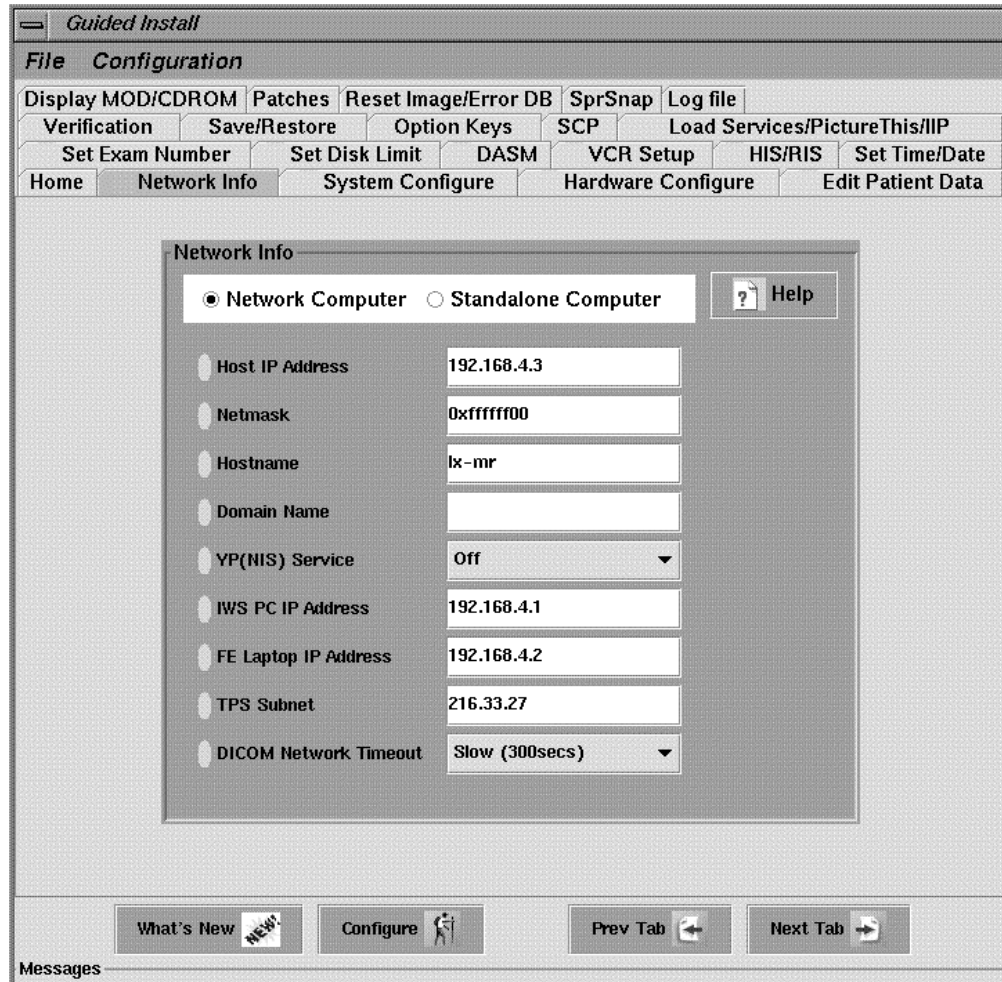
If this is a new/upgraded Signa installation or if the system just needs to be re-configured, do the following to start the Configuration GUI:

1. With Signa up and running, go to the Service Desktop and push the **[Install]** button on the toolbar. A C-Shell will open and ask for root password ("operator" <Enter> is the default). The Install GUI will load and start. See Illustration 1-1.



**GUIDED INSTALL - HOME SCREEN**  
ILLUSTRATION 1-1

2. Select **[Next Tab]** button on the Home Screen to bring up the **Network Info** tab. See Illustration 1-2.



GUIDED INSTALL – NETWORK INFO TAB  
ILLUSTRATION 1-2

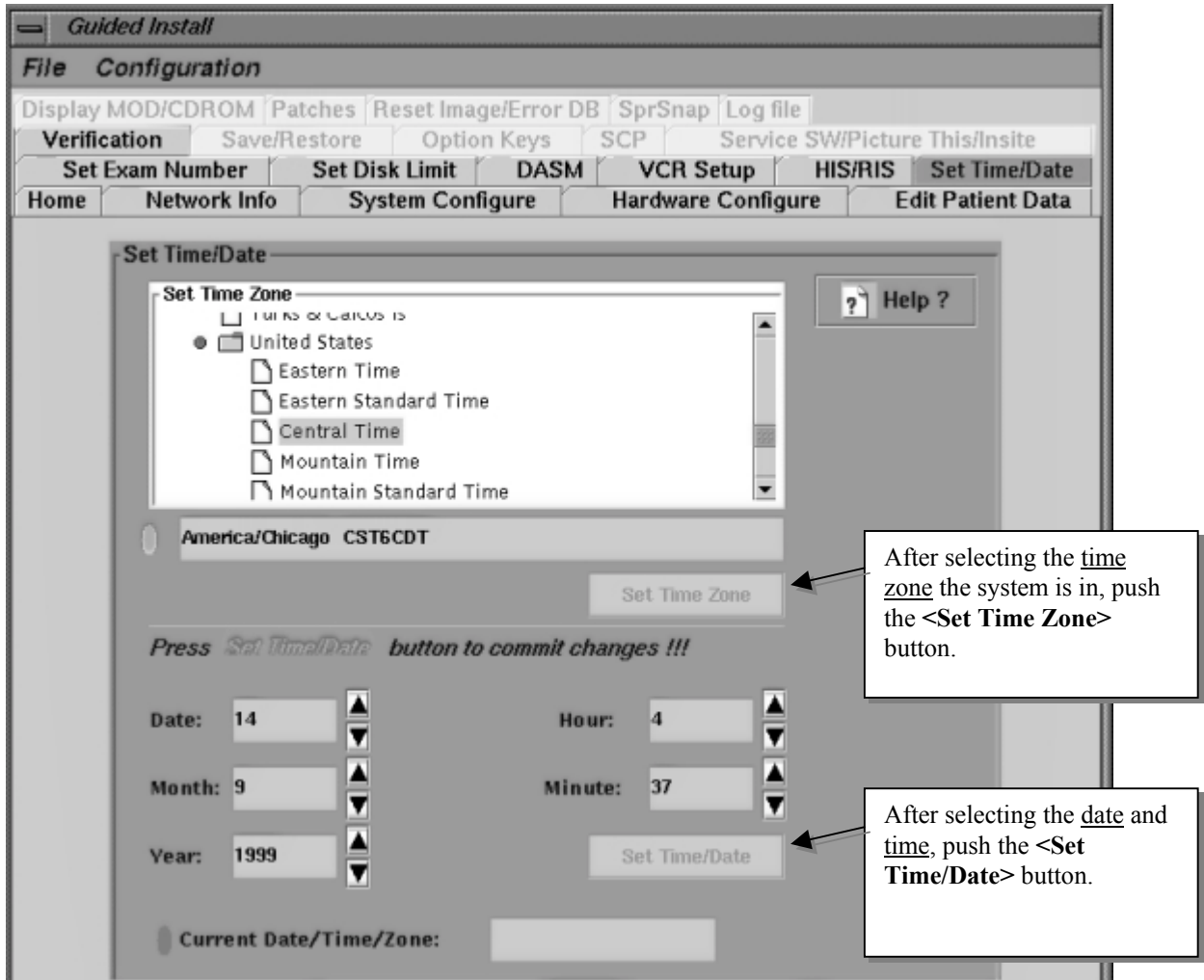
3. Help documentation is built into the GUI. Push the **[Help]** button to view the help information to be used to fill out the required information.

#### Caution

Leave YP(NIS) Service set to OFF, unless you are 100% sure that there is a hospital network with Yellow Pages service that the customer wants to access. Setting YP(NIS) Service to ON when it should not be can prevent Signa from being able to boot up. See Section 1-2, “Recovery for system with YP(NIS) Service set ON by mistake” if needed.

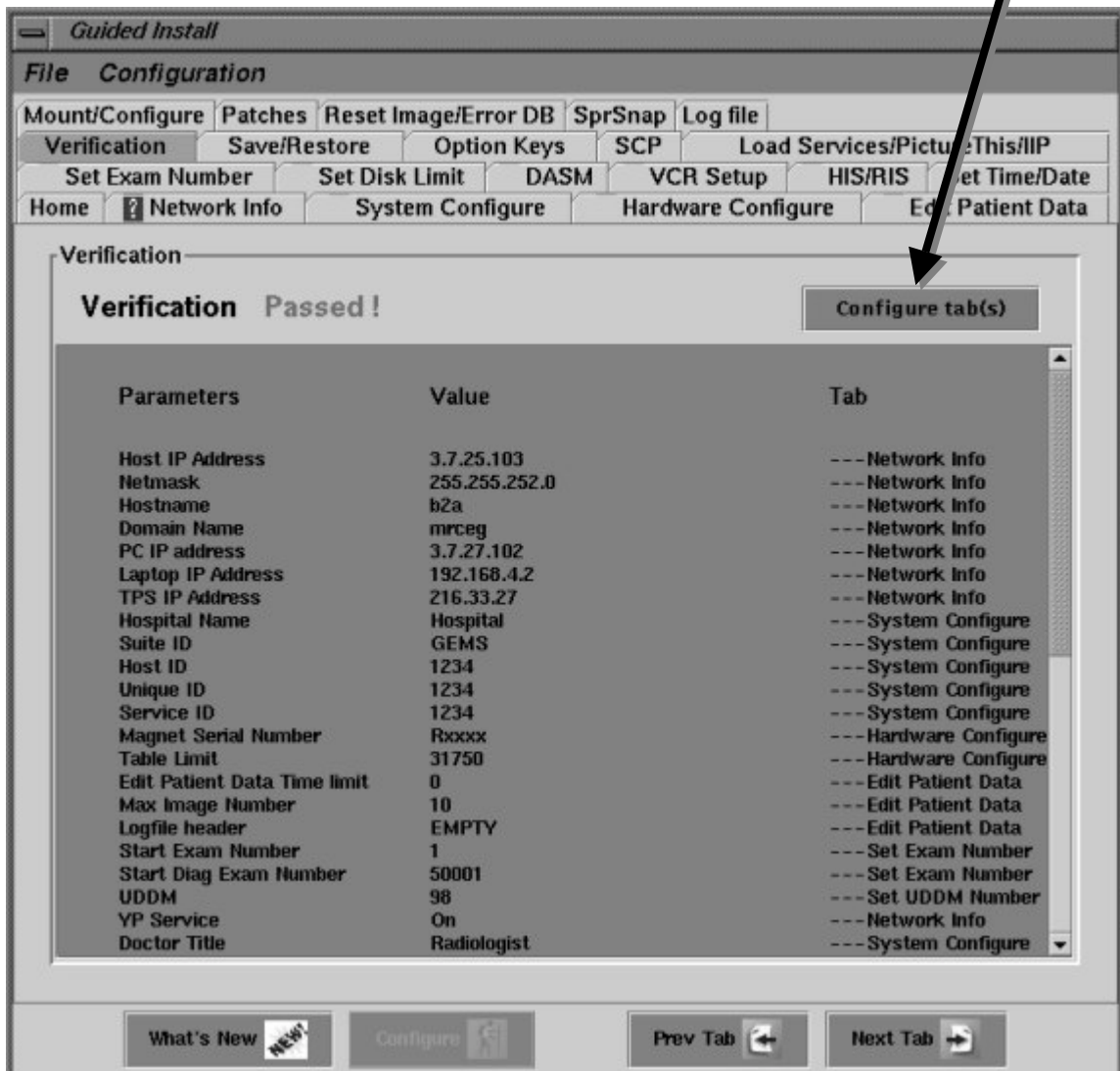
4. Push the **[Next Tab]** button to move through tabs in order. Modify entries to match your system as required. Continue to use **[Help]** to provide guidance specific to each tab.
5. Note: the **Time/Date** tab is the only tab that the Configure button will never be highlighted to set options. There are separate buttons for configuring this tab (see Illustration 1-3). If you need to re-configure the Host time and/or date at any time, do the following:
  - a. Select the Time Zone your system is located in, then push the **<Set Time Zone>** button.

- b. Select the date and local time, then push the **<Set Time/Date>** button.



**SET TIME/DATE MENU**  
ILLUSTRATION 1-3

- 6. When satisfied, push the **[Configure]** button at the bottom of the tab page or wait until all tabs have been modified and go to the **“Verification”** tab. Review changes made are correct, then push the **[Configure Tab(s)]** button to update system (see Illustration 1-4).



VERIFICATION MENU – CONFIGURE TABS  
ILLUSTRATION 1-4

- Before exiting the GUI, insert an MOD into the drive with side A up. Go to the top left corner of the Install GUI and select <File> and then <Save GI Configuration to MOD>. This process **does not** create a SaveInfo disk. It just creates a copy of the information already entered in the GUI tabs for use in the next software install. Label the MOD with “Configuration Saved” include site and date.
- Exit the install GUI by selecting <File> then <Quit>. If any error conditions still exist, you will be warned that no changes will be made before exiting.

## 1-2 Recovery for system with YP(NIS) Service set ON by mistake

**Problem Description:** User changed Network YP option to **On**. Exited GUI and initiated shutdown. Rebooted. System hung at message "setting default route". Could not proceed any further.

### Solution:

1. Reset SGI computer.
2. From Startup Menu, select **[Restart]**.
3. Select **[Stop For Maintenance]**.
4. Select **Command Monitor**
5. Type: **help <Enter>** (displays list of commands)
6. Type: **single <Enter>** (for single user mode)
7. Type: **operator <Enter>** when prompted for root password.
8. Press **<Enter>** at prompt (TERM = (iris-tp) (brings up unix prompt)
9. Type: **cd /etc/config**
10. Type: **ls -al yp**  
-rw-r-r-- 1 root sys <date time> yp
11. Type: **more yp** (to display contents of yp file)  
*At this point the contents of the file will be either **on** or **off***
12. If contents = **on**, then type: **jot yp <Enter>** (to edit the yp file)
13. Change the contents to **off**, then Save and exit editor.
14. Reboot the system.

## 2- MONITOR GAMMA VALUE RESET

Do the following steps to update the monitor configurations. This insures compatibility between monitor and camera.

1. In the C-Shell, type **su <Enter>** to log in as root; enter the root password (default is **operator**).
2. **B/W Monitor:**
  - a. Type **jot /usr/g/grayPix/grayPix.cfg <Enter>** to edit the grayPix.cfg file.
  - b. Modify the numerical value for "gamma" to **0.9**

### Color CRT Monitor:

- a. Type **jot /usr/g/colorPix/colorPix.cfg <Enter>** to edit the colorPix.cfg file.
- b. Modify the numerical value for "gamma" to **1.1**

### Color LCD Monitor:

- a. Type **jot /usr/g/colorPix/colorPix.cfg <Enter>** to edit the colorPix.cfg file.
- b. Modify the numerical value for "gamma" to **1.05**

3. In the jot window, select **File -> Save**, then **File -> Exit** to save the changes. This modifies the gamma value so whenever the system reboots, the new value is not lost.
4. In the C-Shell, enter one of the following:

B/W Monitor: **gamma 0.9 <Enter>**  
 Color CRT Monitor: **gamma 1.1 <Enter>**  
 Color LCD Monitor: **gamma 1.05 <Enter>**

This is in addition to steps 2 and 3. This step immediately changes the gamma value without the need to reboot the system.

## 3- LOAD SERVICE SOFTWARE

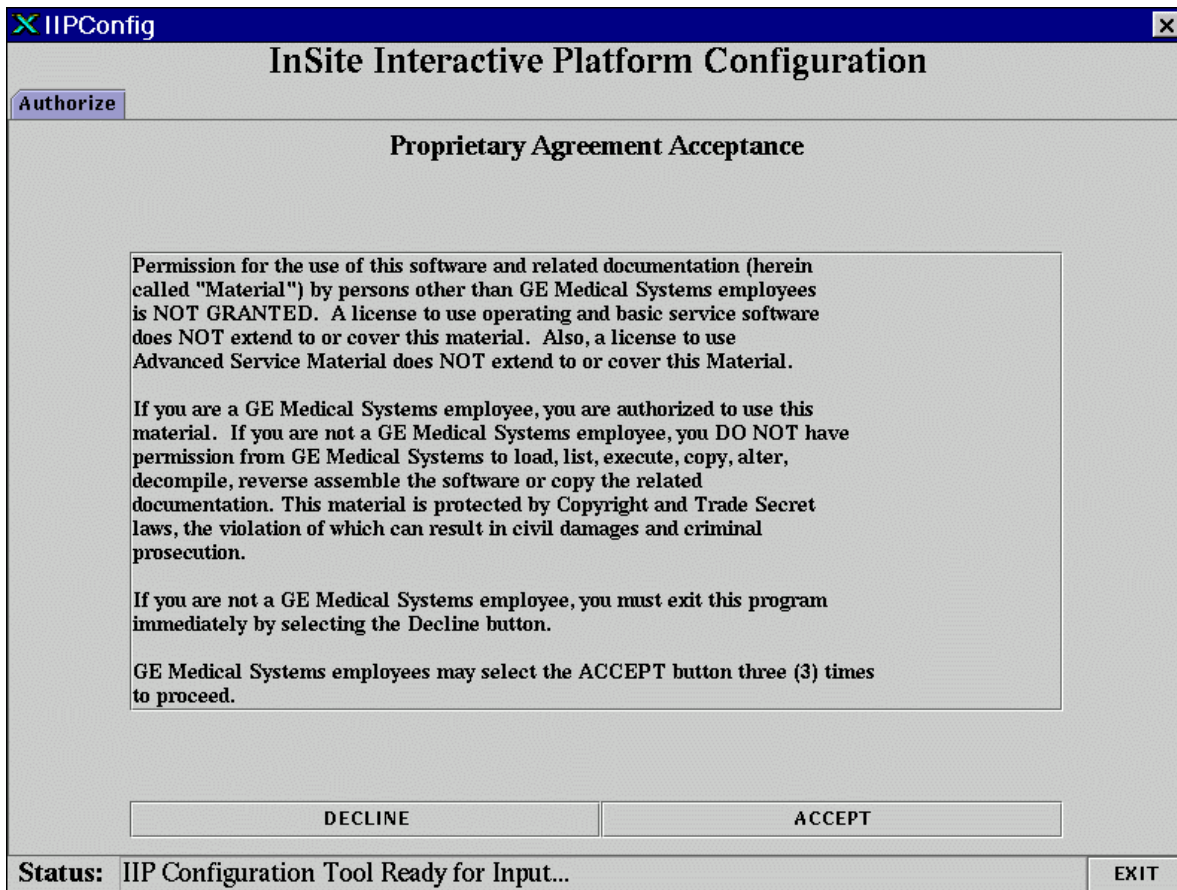
Go to the install GUI window, and select the **ServiceSW/Picture this/InSite** tab and proceed to Section 3-1, Load Restricted Service or Section 3-2, Load Advanced Service. (*Restricted Service Software is only available for GE use; Advanced Service Software is only available to sites with a valid Advanced Service Package Limited License.*)

### 3-1 Load Restricted Service (Only available for GE use.)

To load Restricted Service Software on the system:

1. Place the appropriate Restricted Service CD-ROM in the host CD-ROM drive.
2. Select **[Load Restricted Service]**.
3. Read the proprietary message window, and respond accordingly.
4. A message "Restricted software load in progress..." will display. The load will take 5 to 10 minutes depending on host type.

5. Illustration 3-1 will display near the end of the software load. GEMS Field Engineers loading GEMS Restricted Service Software should also configure InSite at this time (see Illustration 3-1). If you do not have an InSite modem or you will configure it later, click on **[Exit]**.
6. Refer to procedure "Insite/IIP Installation" to complete the Insite configuration on the Service Methods CD-ROM.
7. Wait for the message "Restricted Service load done" in the Install GUI status bar (at bottom of window).



PROPRIETARY AUTHORIZATION TAB  
ILLUSTRATION 3-1

### 3-2 Load Advanced Service (Only for sites with a valid Advanced Service Package Limited License.)

To load Advanced Service Software on the system:

1. Place the appropriate Advanced Service CD-ROM in the host CD-ROM drive.
2. Select **[Load Advanced Service]**.
3. Read the proprietary message window, and respond accordingly.

4. A message “Advance software load in progress...” will display. The load will take 5 to 10 minutes depending on host type.
5. Wait for the message “Advanced Service load done” in the Install GUI status bar (at bottom of window).

#### 4- PERFORM SAVE INFO

After completing final site configurations, perform a SaveINFO:

1. Put the MOD that you previously used to **Save GI Configuration to MOD** with side A up (same side is OK because a separate partition will be created for the SaveINFO).
2. Select the **Save/Restore** tab in the Install GUI and Save the system info.

#### Note

If the MOD has not been used, you will see a message regarding the use of the MOD for “Raw Data Storage”; choose **[Overwrite]**.

3. SaveInfo is now complete. Remove the InfoMOD and write the date and time on it.

#### 5- FINAL STEPS

1. Exit the install GUI by selecting **<File>** then **<Quit>**.
2. On the Service Desktop, click on **[System Shutdown]**.
3. After the system is all the way down, when prompted, click on **[Restart]**.
4. On the login screen, login as **Signa** and bring the system up for the configuration changes to take effect.
5. Complete any remaining system calibrations per the installation/upgrade flowchart.

## REVISION HISTORY

REV	DATE	AUTHOR	PRIMARY REASONS FOR CHANGE
0	Mar. 10, 2000	J. Wolak	Initial version document.