Install and Configure a TPS GUS Node

Objective

Given an NT Workstation node, install the TPS GUS software and configure the node to be a TPS GUS node.

Prerequisites

- Your partition sheet
- Completed *Install and Configure TPS PDC* exercise

Introduction

During this lab exercise, you will configure several setting required for a TPS GUS Node:

- Set Administrator Password
- Set Date and Time
- Configure Local User Accounts
- Configure Local Auditing
- Reconfigure LCNP4 board as a GUS node
- Perform the LCNP4 Board configuration
- Configure Devices/Services
- Connect GUS Node to LCN
- Load Additional TPN System Files
- Add GUS Node to the NT Domain
- Install TPS Security
- Distribute Files from the PDC to the GUS node
- Install GUS Personality
- Install Additional GUS Node Software

Estimated Time to Complete: 1.5 hours

Procedures

Retrieve your partition sheet. You will need it for the following procedures.

Perform the following procedures on the GUS node:

Set Administrator Password

✓	Step	Action
	1	Log on to the GUS as the Local Administrator.
	2	Press the **<CTRL>+ <ALT>+ <DEL>** keys.
	3	Select the **Change Password …** button.
	4	Enter the new password **Studentxx** (where xx is your student number). **DO NOT ENTER ANY OTHER PASSWORD!** **USE THIS FORMAT E`XACTLY!** CAUTION: Record and store the local Administrator password in a secure place. If you forget the password, you will have reinstall Windows NT to recover.
	5	Press the **TAB** key.
	6	Enter the new password again to confirm it.
	7	Select the **OK** button to change the password.
	8	Select the **OK** button to confirm the change.
	9	Select the **Cancel** button.

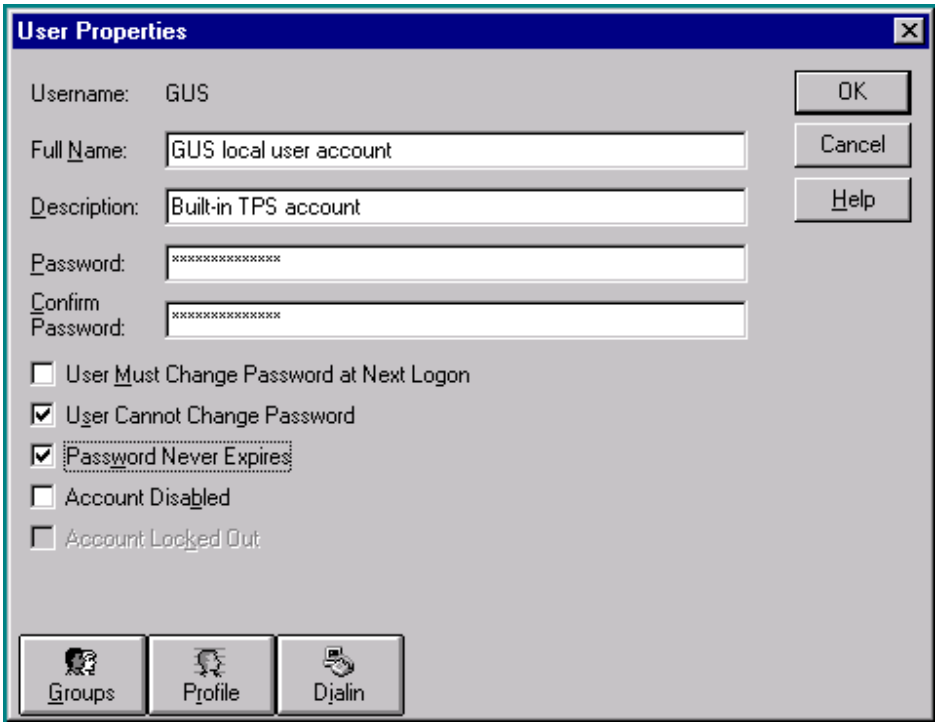
Measurement

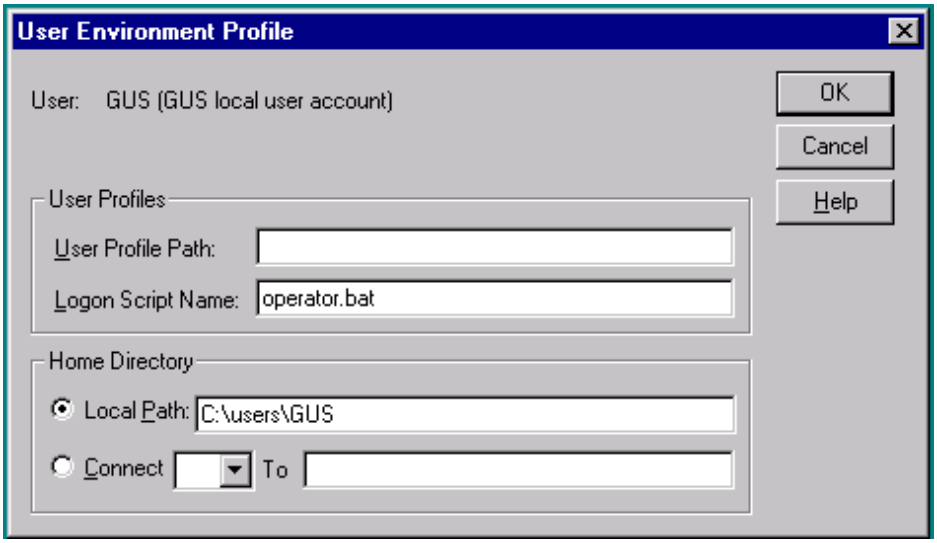
✓	Step	Action
	10	Log on as the Local Administrator using the new administrator password.

Set the Date and Time

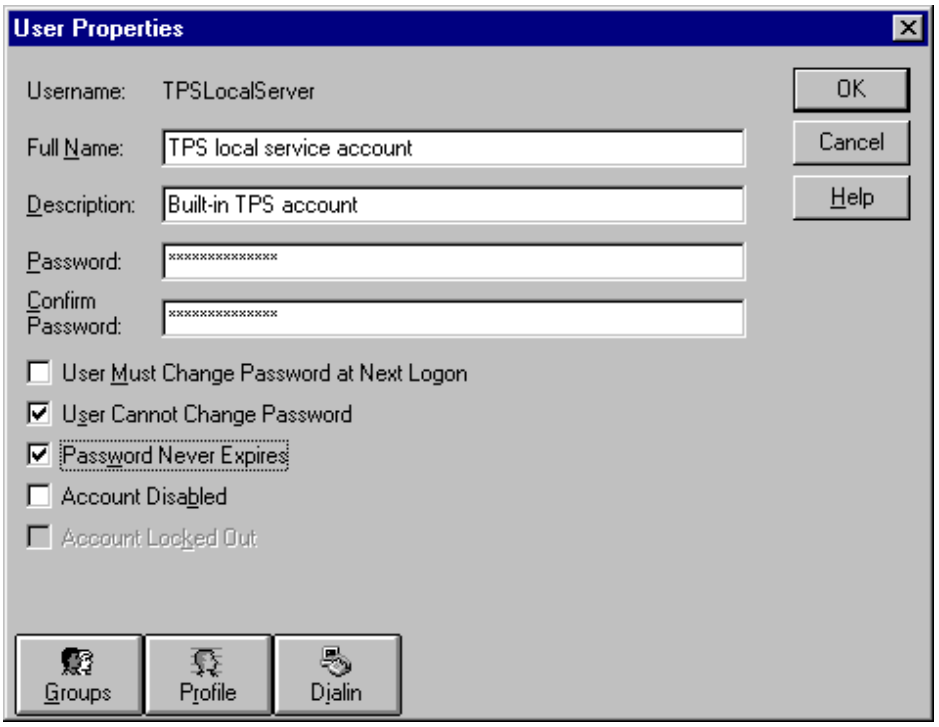
✓	Step	Action
	11	Select **Start→Settings→Control Panel**.
	12	Double-click the **Date/Time** icon.
	13	Select the **Time Zone tab**.
	14	Use the drop down menu to select the **local time zone**.
	15	Click the **Apply** button.
	16	Select the **Date & Time tab**.
	17	Enter the correct **date** and **time**, then Click the **OK** button.
	18	Close the Control Panel window.

Configure Local User Accounts

✓	Step	Action
	19	While logged in as the Local Administrator, select the **User Manager** Administration Tool as follows: **Start > Programs > Administrative Tools (Common) > User Manager**
	20	Double-click the GUS account.
	21	Select these options: ➢ User Cannot Change Password ➢ Password Never Expires Deselect: ➢ User Must Change Password at Next Logon 

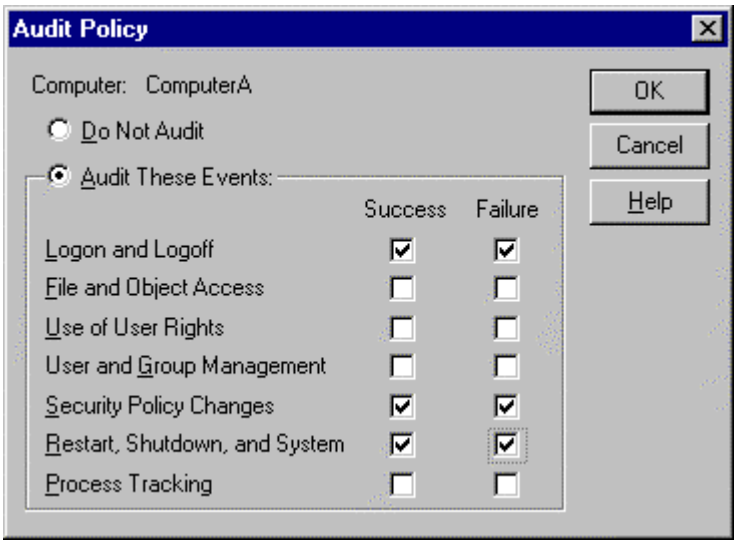
✓	Step	Action
	22	Select the **Profile** button. The following dialog box is displayed: 
	23	Enter/verify the login script name is: `operator.bat` in the **Login Script Name** text box of the *User Environment Profile* dialog.
	24	Enter/verify the **Local Path** is: `C:\users\gus`
	25	Select the **OK** button to save your changes and close the *User Environment Profile* dialog.
	26	Select the **OK** button to close the *User Properties* dialog.

Configure the TPSLocalServer account

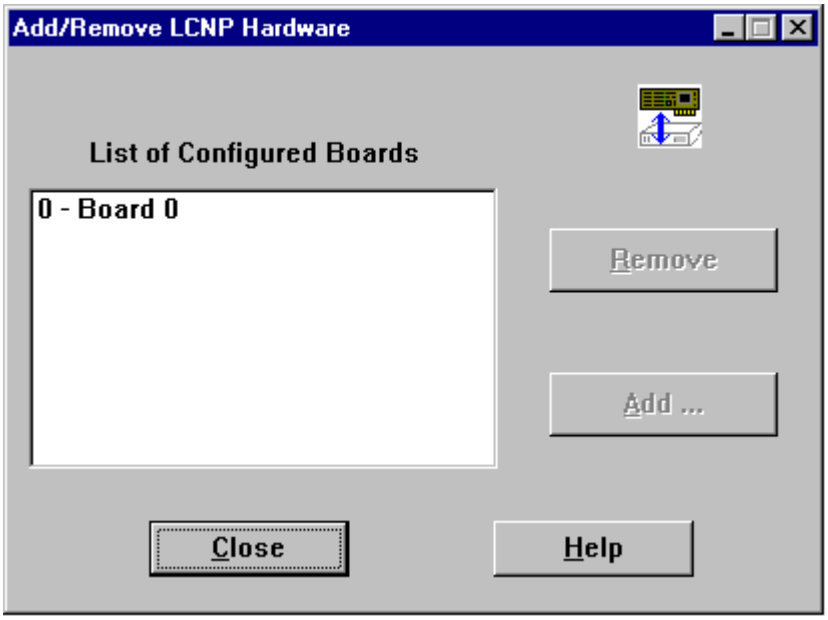
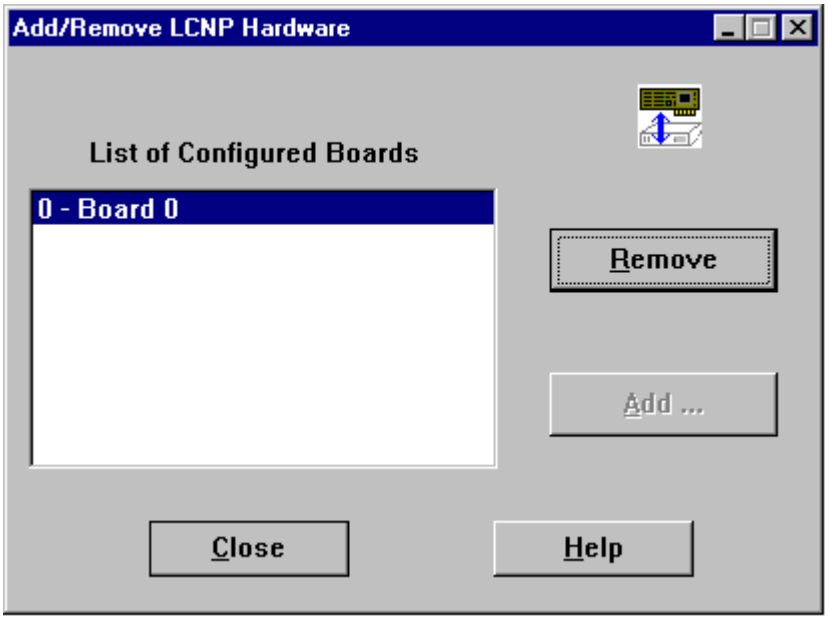
✓	Step	Action
	27	Double-click the TPSLocalServer user account.
	28	Select these options: ➢ User Cannot Change Password ➢ Password Never Expires Deselect: ➢ User Must Change Password at Next Logon 
	29	Select the **OK** button to save your changes and close the *User Properties* dialog.

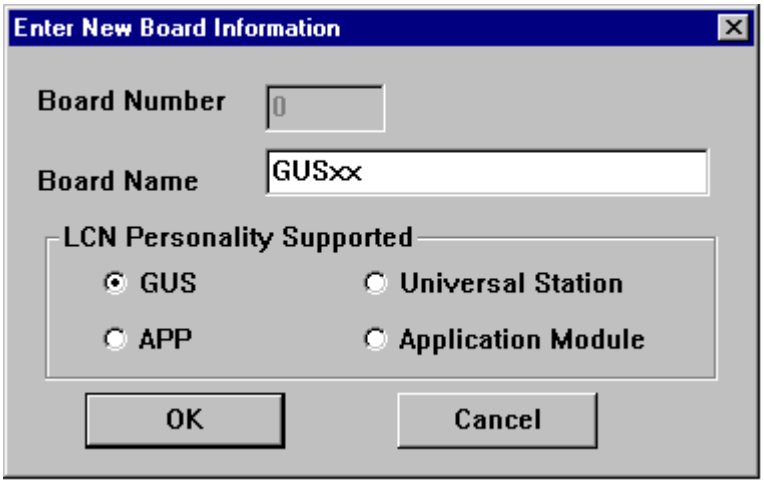
Configure Local Auditing

The Audit Policy determines which events appear in the Security event log.

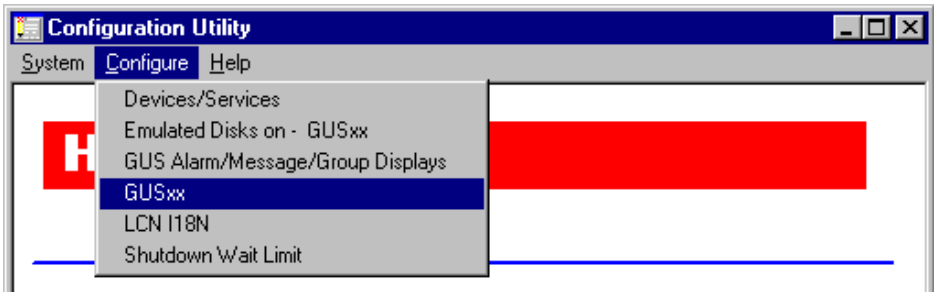
✓	Step	Action
	30	While still in the **User Manager** utility, select the **Policies** menu.
	31	Select the **Audit …** menu option.
	32	Select the **Audit These Events** radio button.
	33	Set the Audit Policy as listed below: 
	34	Select the **OK** button to save your changes and close the *Audit Policy* dialog.
	35	Close the **User Manager**.

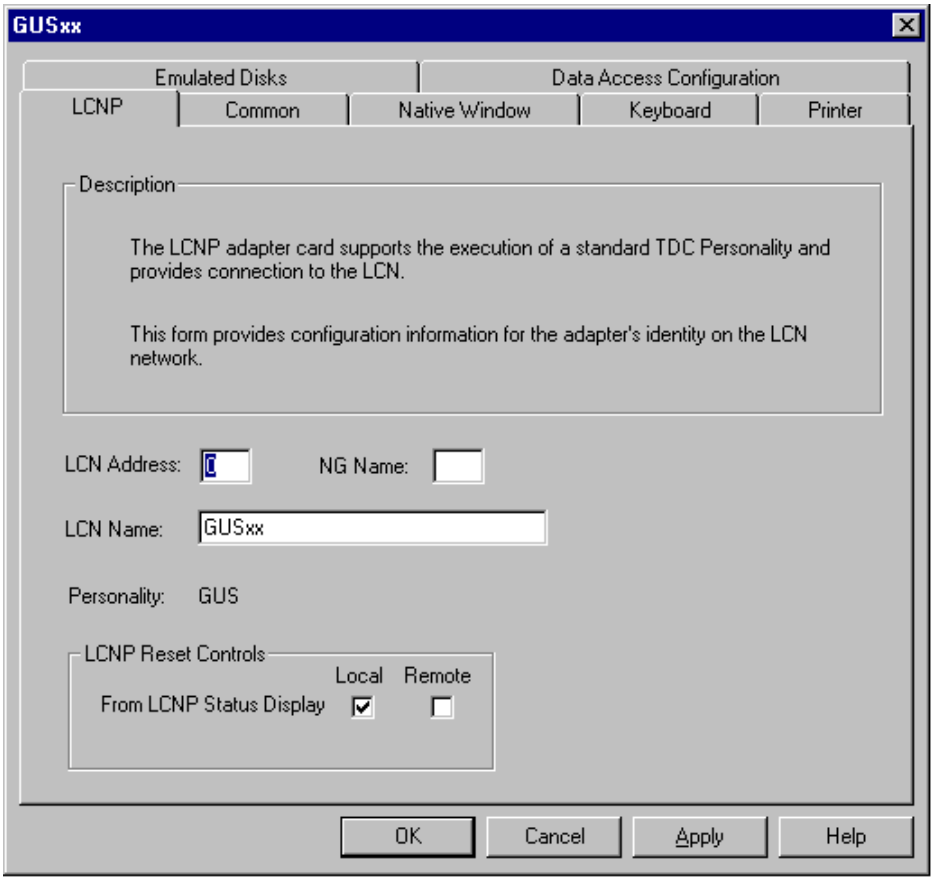
Reconfigure LCNP4 board as a GUS node

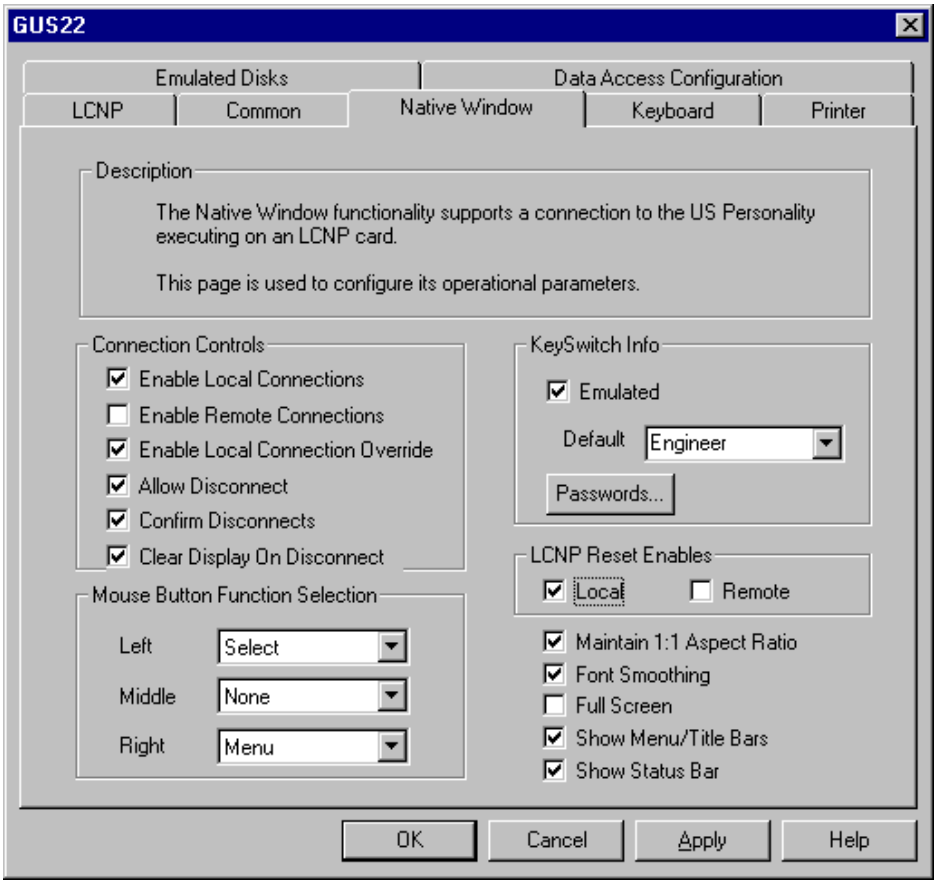
✓	Step	Action
	36	Open the **Add Board** utility as follows: From the Windows NT task bar, select **Start** > **Programs > Honeywell TPS > AddBoard** 
	37	If a **Board 0** is present, highlight (select) the existing board entry and then select the **Remove** button to delete the selected board and select the **Yes** button in the *Are You Sure* dialog. 

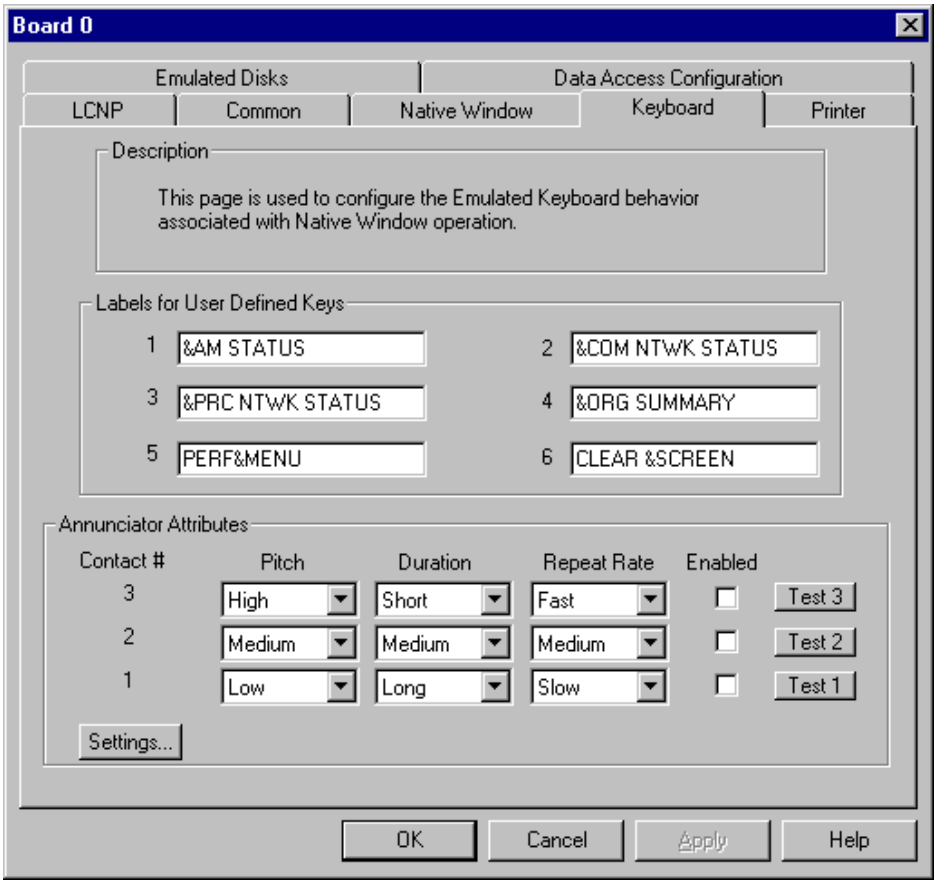
✓	Step	Action
	38	Select the **Add…** button to add the GUS's LCNP board.
	39	 Enter the LCNP (board) Name for the GUS node that is listed on your partition sheet in the **Board Name** text box field. **Example:** Enter a board name of **GUS18** (where 18 is the LCN address).
	40	If not selected, select the **GUS** radio button in the **LCN Personality Supported** area of the *Enter New Board Information* dialog.
	41	Select the **OK** button to save and close the dialog.
	42	Select the **Yes** button in the *Are You Sure* dialog.
	43	Select the **Close** button in the *Add/Remove LCNP Hardware* dialog.

Perform the LCNP4 Board configuration

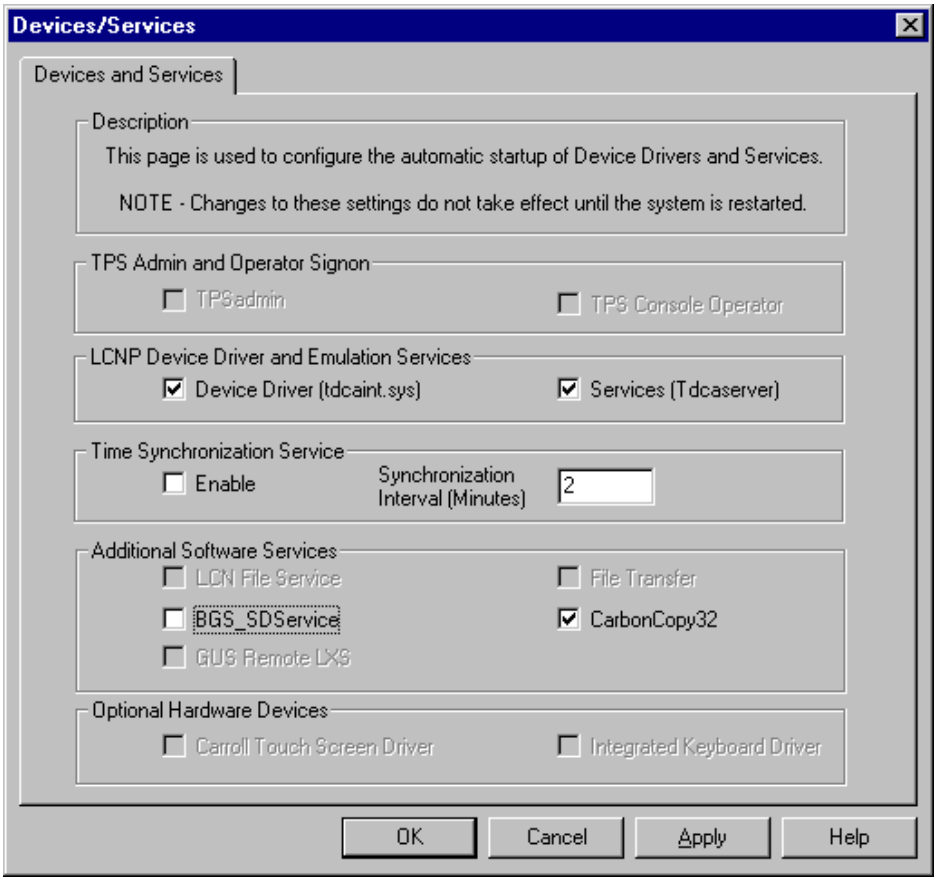
✓	Step	Action
	44	Open the **Configuration Utility** as follows: **Start > Programs > Honeywell TPS > Configuration Utility**
	45	Select the **Configure** menu. 
	46	Select the **GUSxx** menu option.

LCNP Configuration		
	47	 Enter the LCN Address, for the GUS node that is listed on your partition sheet, in the **LCN Address** text box field.
	48	Enter a space in the **NG Name** text box field. **DO NOT LEAVE THIS FIELD EMPTY!**
	49	Enable LCNP local reset by selecting the **Local** check box in the **LCNP Reset Controls** area.

Configure Native Window		
	50	Select the **Native Window** tab. 
	51	Select the **Emulated** box in the **Keyswitch Info** area. You choose this option when the GUS node does not have an IKB (GUS Integrated Keyboard).
	52	Enable LCNP local reset by selecting the **Local** check box in the **LCNP Reset Enables** area. Leave the other boxes as shown above.

Configure Keyboard		
	53	Select the **Keyboard** tab. 
	54	Deselect (uncheck) each of the **Enabled** boxes in the **Annunciator Attributes** section. Annunciators are disabled at the Automation College, but will probably be enabled at your site.
	55	Select the **OK** button to save your changes and close the dialog.

Configure Devices/Services

✓	Step	Action
	56	Select the **Configure** menu.
	57	Select the **Devices/Services** menu option.
	58	 Select the **Device Driver (tdcaint.sys), Services (Tdcaserver),** and **CarbonCopy32** check boxes.
	59	Deselect (uncheck): • The **Enable** box under Time Synchronization Service • The **BGS_SDService** box.
	60	If applicable, select one or more of the Optional Hardware Devices available on your hardware.
	61	Select the **OK** button to save your changes and close the *Devices/Services* dialog.
	62	Close the **Configuration Utility**.

Connect GUS Node to LCN

✓	Step	Action
	63	Shutdown the GUS node as follows: **Start > Shutdown > Shutdown the Computer?** And select **Yes.**
	64	Turn off the power to the GUS node.
	65	Connect the GUS's LCNP to the LCN • AUI cable from the LCNP to the MAU (Transceiver) • LCN cables to the MAU
	66	When connected, power on the GUS node.
	67	Logon as Local Administrator.

Optional Exercise

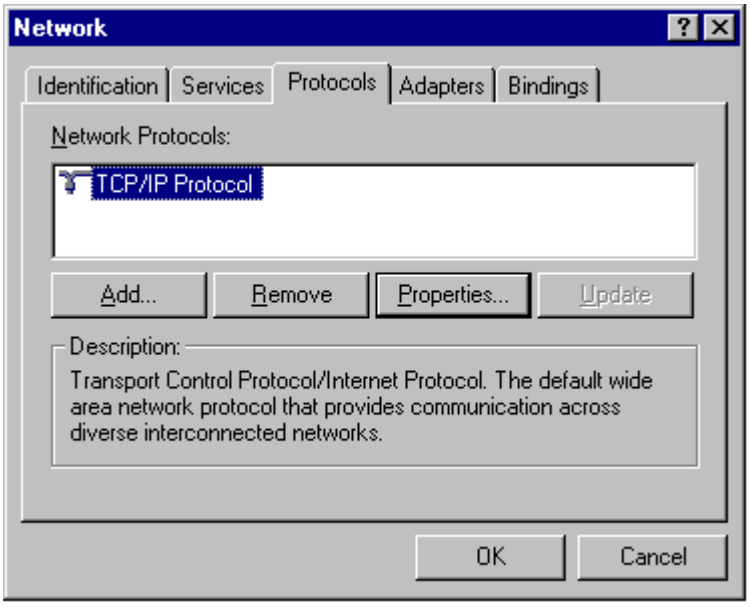
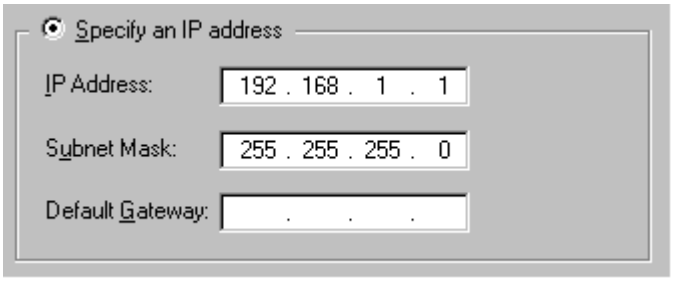
NOTE: This part of the lab is optional. It is intended for students who feel they need practice using an emulated disk and the Command Processor. If you choose to perform this part of the lab, you must perform it **from the Instructor's GUS node**.

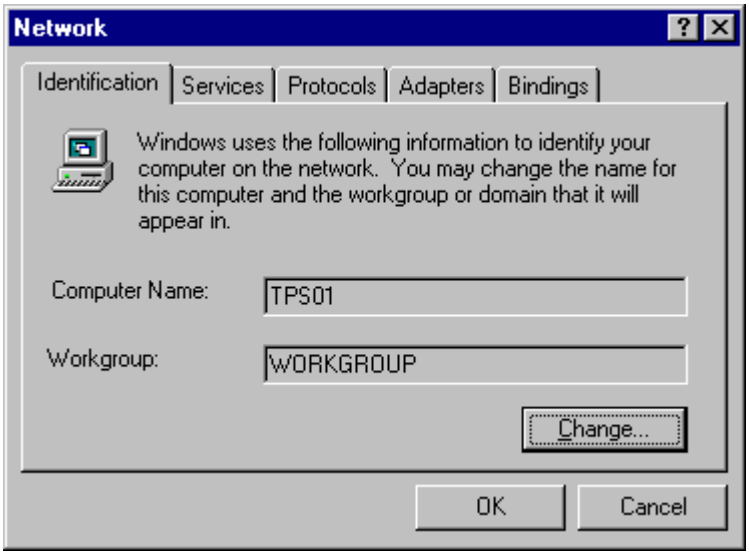
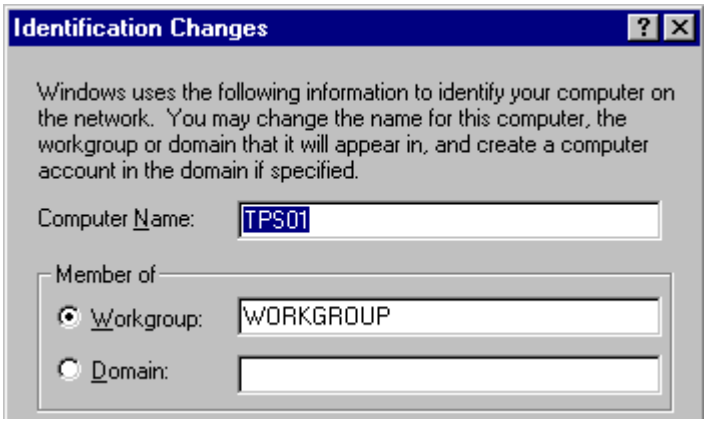
Load Additional TPN System Files

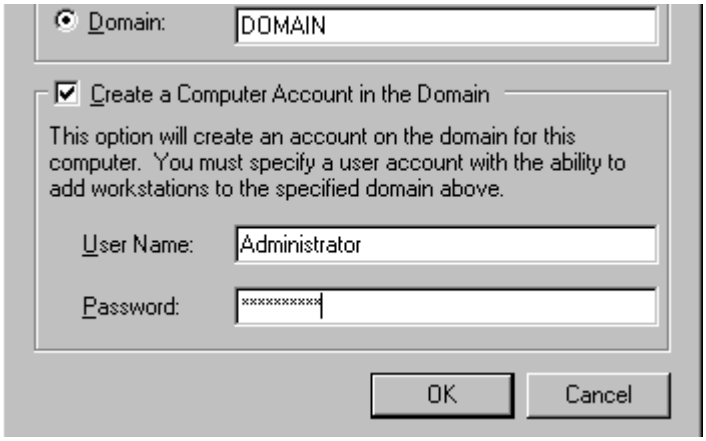
✓	Step	Action
Copy &CUS Directory		
	68	**At the Instructor's GUS node** insert the TPS Sys Software CD-ROM into the GUS node's CD drive.
	69	When the Software Installation Window opens, close it by selecting **Exit** and then selecting the **Yes** button in the *Are You Sure* dialog.
	70	Open the **Native Window** software as follows: **Start → Programs → Honeywell TPS → Native Window**
	71	Display the Console Status display (click on the "C" on the status bar) and note the drive numbers for the instructors GUS. Left ($Fn)_____ Right ($Fm)_____
	72	Display the Engineer main menu by selecting: **Engineering → Menu**
	73	Note the release number in the lower right corner of the display (it should be R601 or R610). Release_____
	74	Select **Access → Mount/Dismount Emulated Disks**.
	75	Select the **Create** button.
	76	In the "Select Directory and File Name" dialog box, navigate to the **\MSCHEM\R6xx** folder on the TPS Sys Software CD-ROM. NOTE: Select the folder that matches the release you noted earlier.
	77	Open the R6xx folder, then select the **Disk_&z14.lcn** file.
	78	Select the **Open** button.
	79	Select the **Create** button.
	80	Select the **Disk_&z12.lcn** file, then select the **Open** button.
	81	Mount the emulated disk **disk_&z14.lcn** in the left drive.
	82	Mount the emulated disk **disk_&z12.lcn** in the right drive.
	83	In the Native Window, select the **Engineering → Menu** option.
	84	Select the **Command Processor** target.

✓	Step	Action
	85	Execute the command **EC $Fn>&EC>MSCHEMZ.EC $F*n*.** Where ***n*** is the emulated drive number where disk_&z14.lcn is mounted. This command copies the contents of the **&CUS** directory from the Multiple Schematics disk to the **&CUS** directory on the network. **Note:** This EC requires a drive number parameter, for example **$F1.**
	86	Follow the instructions presented by MSCHEMZ.EC.
	87	Dismount the emulated disks.
	88	Remove the TPS Sys Software CD-ROM.

Add GUS Node to the NT Domain

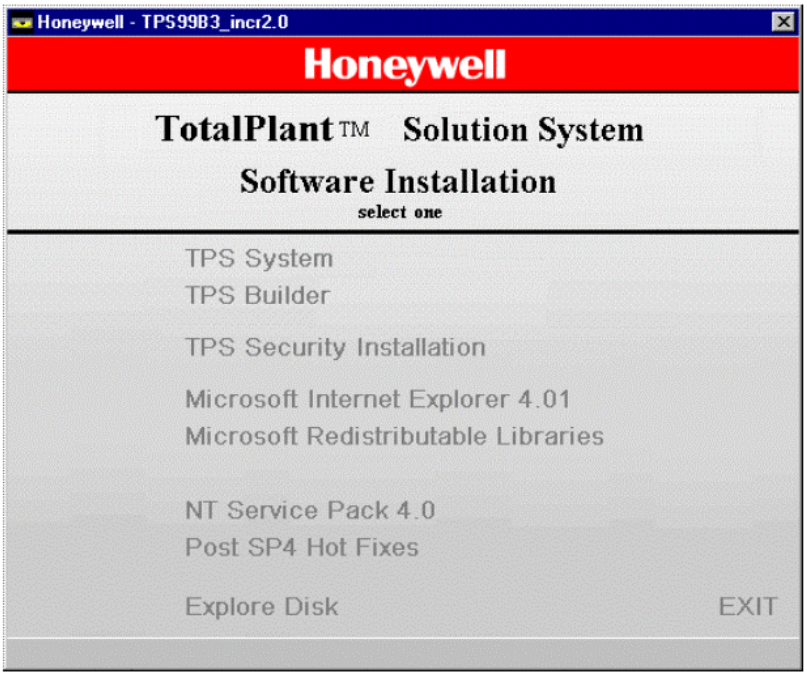
✓	Step	Action
Configure TCP/IP settings		
	89	At your GUS node, open the **Control Panel** program as follows: **Start > Settings > Control Panel**
	90	Double-click the **Network** program icon.
	91	Select the **Protocols** tab. 
	92	Select/highlight **TCP/IP Protocol** and then select the **Properties…** button.
	93	 Enter the following data from your partition sheet: IP Address Subnet Mask Default Gateway (leave blank for this class)
	94	Select the **OK** button on all network windows.
	95	Shutdown and Restart the GUS node.

✓	Step	Action
	96	Connect the network (Ethernet) cable.
Configure into the NT Domain		
	97	Logon as Local Administrator.
	98	Open the **Control Panel** program as follows: **Start > Settings > Control Panel**
	99	Double-click the **Network** program icon.
	100	Select the **Identification** tab. 
	101	Select the **Change…** button.
	102	Enter the Computer Name listed on your partition sheet. 
	103	Select the **OK** button.
	104	Select the **OK** button.
	105	Select the **Change…** button.

✓	Step	Action
	106	Select the NT **Domain** radio button and enter the NT Domain Name listed on your partition sheet.
	107	Select the **Create a Computer Account in the Domain** check box.
	108	Enter the Administrator account name and password for the PDC listed on your partition sheet. 
	109	Select the **OK** button to close the Identification Changes dialog box. Note: If you get a "Domain Controller could not be located" message, verify that your IP addresses and subnet masks are correct on both the PDC and the GUS, then reboot the GUS and try adding the GUS to the domain again.
	110	Select the **OK** button on the *Welcome to the Domain* dialog.
	111	Select **Close** on the network dialog box.
	112	Select the **Yes** button on the *Network Settings Change* dialog. **Result:** The GUS node reboots.

Install TPS Security

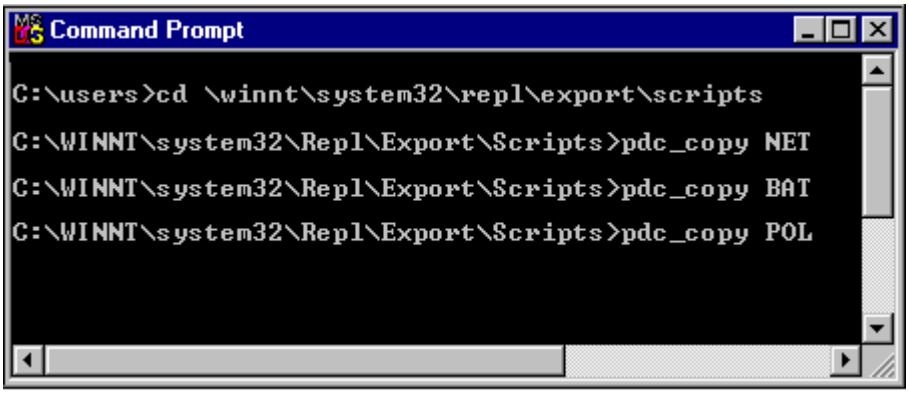
✓	Step	Action
	113	At the GUS, logon as the domain Administrator.

✓	Step	Action
	114	Insert the **TPS System Software CD-ROM**. The following will appear: 
	115	Click **TPS Security Installation**.
	116	If the domain name is not correct, enter the NT Domain name listed on your partition sheet and then select the **Next** button.
	117	In the *Configure This Machine as a…* window, select the **TPS Domain Node** radio button option and then select the **Next** button.
	118	In the *Welcome* window, select the **Next** button.
	119	Read the Software License Agreement and accept the software license agreement terms by selecting the **Yes** button.
	120	If not already correct, enter a **Name** and **Company** from your partition sheet.
	121	Enter **1** in the Serial text field and then select the **Next** button.
	122	Enter **C:** as the drive letter where the TPS software will be installed and select the **Next** button.
	123	Select the **Typical** installation option and select the **Next** button.
	124	Verify the current settings and select the **Next** button to begin the security configuration.
	125	Wait for configuration to complete (about 2 minutes). Ignore the errors that may display during the installation process. Select the **I prefer to view the configuration log at another time** radio button and then select the **Next** button.
	126	Select the **Finish** button.

✓	Step	Action
	127	Select **EXIT** on the Software Installation window, then select **Yes** to confirm.
	128	Remove the CD from the drive.

Distribute Files from the PDC to TPS Nodes

When all of the TPS nodes have been added to the NT domain the **HOSTS**, **LMHOSTS**, **operator.bat**, and **NTConfig.pol** files (to be discussed later) must be distributed from the PDC to all of the TPS nodes.

✓	Step	Action
	129	Log on to the PDC as the Domain Administrator.
	130	Open the **Command Prompt** utility: **Start > Programs > Command Prompt**
	131	Change the directory to **\Winnt\System32\Repl\Export\Scripts** 
Distribute the HOSTS and LMHOSTS Files		
	132	Note: You may need to remove the read-only attribute of the destination files for the following command to be successful. Enter the command: **`pdc_copy NET`** This command distributes the HOSTS and LMHOSTS files to all of the TPS nodes. To determine if pdc_copy was successful, you should see the message "2 file(s) copied" for the PDC, and for each GUS and APP node in TPS Domain(s). In class, you should see the message three times – once for the PDC, once for the APP, and once for the GUS. If you do not see this message three times, investigate and correct the problem, then run pdc_copy again.

Distribute the operator.bat File		
	133	Enter the command: **`pdc_copy BAT`** This command distributes the OPERATOR.BAT and PDC_COPY.BAT files to all of the TPS nodes. To determine if pdc_copy was successful, you should see the message "2 file(s) copied" for each GUS and APP node in TPS Domain(s). In class, you should see the message twice – once for the GUS, and once for the APP. If you do not see this message twice, investigate and correct the problem, then run pdc_copy again.
Distribute the NTConfig.pol File		
	134	Enter the command: **`pdc_copy POL`** This command distributes the NTCONFIG.POL file to all of the TPS nodes. To determine if pdc_copy was successful, you should see the message "1 file(s) copied" for each GUS and APP node in TPS Domain(s). In class, you should see the message twice – once for the GUS, and once for the APP. If you do not see this message twice, investigate and correct the problem, then run pdc_copy again.

Create a share for GUS schematics

✓	Step	Action
	135	At the GUS, logon as Administrator.
	136	Using Windows NT Explorer, create the following directories: **\winnt\system32\Repl\import\hwiac** **\winnt\system32\Repl\import\hwiac\databases** **\winnt\system32\Repl\import\hwiac\databases\displays**
	137	Right-click on the **displays** directory and select **sharing**.
	138	Select the **Shared As** option.
	139	Enter/Verify the share name **displays**, and select **OK**.

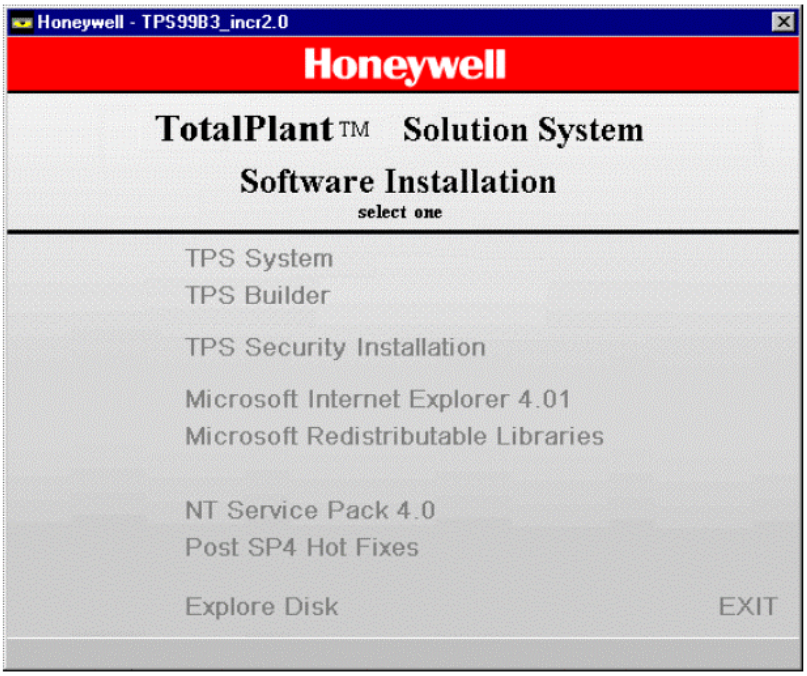
Install GUS Personality

✓	Step	Action
	140	Insert the GUS-TPN Software CD-ROM into the GUS node's CD drive.
	141	Navigate to the **\GUS2xx\Pers_us\Disk1** directory.

✓	Step	Action
	142	Double-click the **setup.exe** file to initiate installation.
	143	Read the *Welcome* dialog information and then select the **Next** button.
	144	Accept the software license agreement terms by selecting the **Yes** button.
	145	Verify that the **Name** and **Company** information is correct.
	146	Enter **1** in the **Serial** data entry field and then select the **Next** button.
	147	Enter **C:** for the drive letter for GUS personality installation and then select the **Next** button.
	148	Select **Typical Installation** and then select the **Next** button.
	149	Select the **Next** button in the *Start Copying Files* dialog to begin installation.
	150	Select the **Finish** button.
	151	Remove the GUS-TPN Software CD-ROM from the GUS node's CD drive.

Install Additional GUS Node Software

✓	Step	Action
Deactivate all TPS Applications		
	152	Open the **Configuration Utility** as follows: **Start > Programs > Honeywell TPS > Configuration Utility**
	153	Select the **Configure** menu.
	154	Select the **Devices/Services** menu option.
	155	Note all boxes that are checked so you can select them later. ☐ TPSadmin ☐ TPS Console Operator ☐ Device Driver ☐ Services ☐ Enable ☐ LCN File Service ☐ File Transfer ☐ BGS_SDService ☐ CarbonCopy32 ☐ GUS Remote LXS ☐ Enable Touch Screen Driver ☐ Enable Integrated Keyboard Driver
	156	Uncheck all boxes and then select the **OK** button.
	157	Close the **Configuration Utility**.
	158	Shutdown and restart the GUS node.

✓	Step	Action
	159	Log on as Administrator WHILE HOLDING THE **SHIFT** KEY DOWN. **Note:** the SHIFT key is held down at the time the ENTER key is pressed. You ensure that no applications are active by holding the SHIFT key while you log on. You must hold the key down until the log in is complete (the cursor is the normal cursor).
Install Software Components		
	160	Insert the **TPS System Software CD-ROM**. The following will appear: 
	161	Select **TPS System**.
	162	When the *Welcome* dialog displays, read the details and if you agree select the **Next** button.
	163	Accept the software license agreement terms by selecting the **Next** button. The *User Information* dialog is displayed.
	164	Read the Third-Party Software Compatibility Policy and select the **Next** button.
	165	If this dialog has been used before, the information will be filled in. If not, enter the **Name**, **Company**, **License No.**, and **Authorization No.** information from your partition sheet and then select the **Next** button.

✓	Step	Action
	166	When the License No. and Authorization No. have been validated, the *Package Selection* dialog displays with a list of the available licensed packages. Select the following packages: **GUS Display Builder** **GUS Display HCI Client Add-in** **GUS Display Runtime** **GUS Multiple Displays**
	167	Select the **Install Package** button.
	168	Select the **Default** radio button option for **Installation Type** and then select the **OK** button. If you encounter read-only files, select the checkbox and the **Yes** button to overwrite them.
	169	When the selected packages are installed, select the **Exit** button to exit the install program.
	170	Select the **Yes** button to answer the *Are you sure…* dialog.
	171	Click **EXIT** on the Software Installation window, then select **Yes** to confirm.
	172	Remove the TPS Sys Software CD-ROM from the GUS node's CD drive.
Reactivate all TPS services and Load GUS Personality		
	173	Open the **Configuration Utility** as follows: **Start > Programs > Honeywell TPS > Configuration Utility**
	174	Select the **Configure** menu.
	175	Select the **Devices/Services** menu option.
	176	Refer to step 149 and check the boxes for the desired services and then select the **OK** button. Note: Be sure to de-select the TPS Console Operator service. Also be sure to select the TPSadmin service if it is not already selected.
	177	Close the **Configuration Utility**.
	178	Shutdown and restart the node.
	179	At the GUS, logon as TPSAdministrator.
	180	Load the Native Window with the GUS personality using the **W** option in the load.
After installing software, install TPS security (again)		
	181	Insert the **TPS System Software CD-ROM**.
	182	On the Software Installation window, select **TPS Security Installation**.
	183	If the domain name is not correct, enter the **NT Domain** name listed on your partition sheet and then select the **Next** button.

✓	Step	Action
	184	In the *Configure This Machine as a…* window, select the **TPS Domain Node** radio button option and then select the **Next** button.
	185	In the *Welcome* window, select the **Next** button.
	186	Read the Software License Agreement and accept the software license agreement terms by selecting the **Yes** button.
	187	If not already correct, enter a **Name** and **Company** from your partition sheet.
	188	Enter **1** in the Serial text field and then select the **Next** button.
	189	Enter **C:** as the drive letter where the TPS software will be installed and select the **Next** button.
	190	Select the **Typical** installation option and select the **Next** button.
	191	Verify the current settings and select the **Next** button to begin the security configuration.
	192	Wait for configuration to complete (about 2 minutes). If you get errors, investigate them. Otherwise, select the **I prefer to view the configuration log at another time** radio button and then select the **Next** button.
	193	Select the **Finish** button.
	194	Select **EXIT** on the Software Installation window, then select **Yes** to confirm.
	195	Remove the CD from the drive.

Create an Emergency Repair Disk (ERD)

✓	Step	Action
	196	Select **Start** → **Run**.
	197	Enter **rdisk /s** and press **Enter**. A Saving Configuration progress bar will appear, then a creation verification message will appear.
	198	Click the **Yes** button to verify. A floppy insertion message will appear.
	199	To create a new ERD, insert a new floppy that can be reformatted into the A drive. To update a ERD, insert the existing ERD into the A drive.

✓	Step	Action
	200	Click the **OK** button. A Formatting Disk progress bar will appear as the ERD format is taking place. A Copying Configuration Files progress bar will appear as the configuration files are being copied to the ERD. A security precaution message will appear.
	201	Click the **OK** button.
	202	Remove the diskette from the drive and label it follows: **NT ERD – XXXXX** Where XXXXX is the name of your computer.  **ATTENTION:** The diskette may only be used to recover NT on the node which was used to create the ERD diskette.
	203	Store the **NT ERD** in a secure location where it can be retrieved if necessary.

Optional Labs

The following lab procedures are intended only for those students who have completed the required portion of the lab and are waiting for other students to complete the required portion.

Set Security Folder Permissions

ATTENTION

The procedure in this section is optional. It is only necessary to perform this procedure if you wish to allow other nodes to access the TPS GUS node's LCNP status, or if you wish to allow other nodes to remotely access the TPS GUS node for a Native Window session.

Enable Remote Computer to Connect To This Computer

Step	Action
1	At the GUS, logon as Administrator.
2	Use Windows NT Explorer to locate the following folder: **C:\Program Files\Honeywell\TPS\Emulators\Security**
3	Right-click on the folder and select **Properties**.
4	Select the **Sharing** tab.
5	Select the **Shared As** radio button.
6	Enter the following **Share Name**: **GUS Security** ATTENTION: There is space between "GUS" and "Security."
7	Click the **Permissions** button to display the **Access Through Share Permissions** window.
8	The default access permission is **Full Control** for the **Everyone** group. Change the **Type of Access** permission for the **Everyone** group to **Read**.
9	Click the **OK** button to close the **Access Through Share Permissions** window.
10	Do not click the **OK** button. Click the **Apply** button instead.
11	Click the **Yes** button to verify the DOS-incompatible share name.
12	Select the **Security** tab in the **Security Properties** window.

Step	Action
13	Click the **Permissions** button to display the **Directory Permissions** window.
14	Check the **Replace Permissions on Subdirectories** box.
15	Check the **Replace Permissions on Existing Files** box.
16	Use the **Add** button to add the following access permissions: Domain Admins – Full Control Everyone (generic user account) – Read SYSTEM (the OS account) – Full Control TPS Administrators (a TPS PDC group account) – Full Control
17	Use the **Remove** button to delete all access permissions not listed above.
18	Click the **OK** button to close the **Directory Permissions** window.
19	Click the **Yes** button to verify the subdirectories access permission change.
20	Click the **OK** button to close the **Security Properties** window.

Enable Remote Native Window Sessions

Step	Action
1	Start the Configuration Utility by selecting: **Start→Programs→Honeywell TPS→Configuration Utility.**
2	Select **Configure→GUSxx.** (where GUSxx is the name of your LCNP board)
3	Select the **Native Window** tab.
4	Select **Enable Remote Connections**.
5	Select **OK**.
6	**Close** the Configuration Utility.

Limit Users Who Can Remotely Access the Native Window

7	Use Windows NT Explorer to locate the following folder: **C:\Program Files\Honeywell\TPS\Emulators\Security\TdcBoard0**
8	Right-click on the **Native Window** file in the folder and select **Properties.**

9	Select the **Security** tab in the **Native Window Properties** window.
10	Click the **Permissions** button to display the **File Permissions** window.
11	Use the **Remove** button to delete the “Everyone” access permission.
12	Make the Access Control List (ACL) as shown below: Domain Admins – Full Control SYSTEM (the OS account) – Full Control TPS Administrators (a TPS PDC group account) – Full Control View Only Users – Read Operators – Read Supervisors – Read Engineers – Read
13	Add any other needed users and groups, and only grant them **Read Only** access in order to prevent security breeches.
14	Click the **OK** button to close the **File Permissions** window.
15	Click the **OK** button to close the **Native Window Properties** window.

Limit Users Who Can Remotely Access the LCNP Status Display

Step	Action
1	Use Windows NT Explorer to locate the following folder: **C:\Program Files\Honeywell\TPS\Emulators\Security\TdcBoard0**
2	Right-click on the **Status Applet** file in the folder and select **Properties.**
3	Select the **Security** tab in the **Status Applet Properties** window.
4	Click the **Permissions** button to display the **File Permissions** window.
5	Use the **Remove** button to delete the “Everyone” access permission.

Step	Action
6	Make the Access Control List (ACL) as shown below: Domain Admins – Full Control SYSTEM (the OS account) – Full Control TPS Administrators (a TPS PDC group account) – Full Control View Only Users – Read Operators – Read Supervisors – Read Engineers – Read
7	Add any other needed users and groups, and only grant them **Read Only** access in order to prevent security breeches.
8	Click the **OK** button to close the **File Permissions** window.
9	Click the **OK** button to close the **Status Applet Properties** window.

References

TPS System Implementation Guide

Notes