Menu Items

<u>E</u>dit

Edit contains commands for adding, deleting, and changing configurations. The functions listed are dependent on what is highlighted in the tree.

Add <u>T</u>erminal

<u>Edit > Add Terminal</u> will launch the Terminal Creation Wizard to start the process of adding a new terminal. This command will be displayed when the ThinManager Server, Terminals branch, or a Terminal Group is highlighted.

See Terminal Configuration Wizard for details.

Add Terminal Group

<u>Edit > Add Terminal Group</u> will launch the Group Creation Wizard to start the process of adding a new group of terminals. This command will be displayed when the ThinManager Server, Terminals branch, or a Terminal Group is highlighted.

See Terminal Group Configuration Wizard for details.

Add ThinManager Server

<u>Edit > Add ThinManager Server</u> will allow the remote administration of multiple ThinManager Servers by adding an additional ThinManager Server to the ThinManager Server drop-down box above the tree. A user logged in with administrative rights can connect to multiple ThinManager servers for management.

Selecting Add ThinManager Server will launch a dialog box.

ThinManager	×
Enter ThinMan	ager Server
ОК	Cancel

Add ThinManager Server Dialog Box

Enter computer name or the IP address of a ThinManager server. This adds the ThinManager Server to the ThinManager Server drop-down box above the tree pane of the local ThinManager so that the configuration can be displayed in the tree when needed.

Cobalt 🗾 👻	Configuration Licenses Properties Versions	Synchronization Event Log Report
Cobalt	Attribute	Value
Blue Green H Alpha	Name	Cobalt
🕂 🖳 Sierra	Unknown Terminal Configuration	
🕂 – 🔜 Tango	Require Password for Unknown terminals	NO
🕂 – 💻 Uniform	Allow Automatic Terminal Creation	YES
🕂 🔜 Victor	Automatic Terminal Creation Mask	AutoTerm
Display Servers VCenter Servers	Allow Off-line Replacement	YES
🛨 🔲 Display Clients	Event Configuration	
📖 👮 TermSecure Users	SMTP Server	
	ThinManager Server Start/Stop	
	Terminal Server Data Connection	
	Terminal On/Off	
	Terminal Configuration Change	
	Install Firmware	
	Install TermCap	
	Install License	
	SMTP server	

Note: The ThinManager Server may need to be defined in the ThinManager Server List Wizard.

ThinManager Adding an Additional ThinManager Server

The new ThinManager Server will be added to the ThinManager Server drop-down box. Selecting the new ThinManager Server in the drop-down will display the tree for that ThinManager Server.

Members of the Administrator group or the ThinManager Administrators group have full control of the remote ThinManager Server and can make changes as needed. Members of the ThinManager Power Users group can monitor the connection.

See ThinManager Security Groups for more details.

If ThinManager is installed on a Windows XP Pro workstation, it cannot be added to a ThinManager on a Windows 2003 unless a security option is changed.

In Windows XP Pro select Start > Control Panel > Administrative Tools > Local Security Policy.

Eile Action View Help		
+ → 🗈 🗙 🗗 🖶 🕯	9	
 Security Settings Account Policies Local Policies Audit Policy Security Options Public Key Policies Software Restriction Policie Software Restriction Policie IP Security Policies on Loca 	Policy 7 Wetwork security: Minimum session security for NTLM SSP based (includi Network security: Minimum session security for NTLM SSP based (includi Network security: LDAP client signing requirements Network security: LAN Manager authentication level Network security: Force logoff when logon hours expire Network security: Do not store LAN Manager hash value on next passw Network access: Sharing and security model for local accounts Network access: Shares that can be accessed anonymously Network access: Named Pipes that can be accessed anonymously Network access: Let Everyone permissions apply to anonymous users Network access: Do not allow anonymous enumeration of SAM account Network access: Do not allow anonymous enumeration of SAM accounts Network access: Allow anonymous SID/Name translation Microsoft network server: Disconnect clients when logon hours expire Microsoft network server: Digitally sign communications (if client agrees)	Security Setting No minimum No minimum Negotiate signing Send LM & NTLM - us Disabled Disabled Classic - local users - COMCFG,DF5\$ System\CurrentCont COMNAP,COMNODE Disabled Disabled Enabled Enabled Enabled Disabled Disabled
< · · · · · · · · · · · · · · · · · · ·	Microsoft network server: Digitally sign communications (always)	Disabled

Windows XP Pro – Local Security Settings

Highlight the *Security Options* folder in the Local Security Settings program. Change the *Network access: Sharing and Security model for local accounts* from the default *Guest Only* to *Classic* to match the setting of the Windows 2003 terminal server.

Remove ThinManager Server

<u>Edit > Remove ThinManager Server</u> will delete a highlighted ThinManager Server from the tree.

<u>D</u>elete

<u>Edit > Delete</u> will launch a message box that will remove a highlighted ThinManager Server, group or terminal. Deleting a remote ThinManager Server will remove it from the local list.

ThinMa	nager		×
Do yo	u want to dele	ete the Terminals for	Group Group2 as well?
NOTE	: If no, Group	Members will be assi	igned to Group NONE
	<u>Y</u> es	<u>N</u> o	Cancel

Delete Group Message Box

Deleting a group will give the option of deleting the group terminals or moving them under the server without a group.

<u>M</u>odify

The function of <u>*Edit*</u> > <u>*Modify*</u> depends on what tree icon is highlighted when <u>*Modify*</u> is selected.

- <u>Modify</u> will launch the **ThinManager Server Configuration Wizard** for a highlighted ThinManager Server. This allows the ThinManager Server to be configured as described in the ThinManager Server Configuration Wizard.
- <u>Modify</u> will launch the Terminal Group Configuration Wizard for a highlighted group. Modifications can be made as described in Terminal Group Configuration Wizard.
- <u>Modify</u> will launch the **Terminal Configuration Wizard** for a highlighted terminal. Modifications can be made as described in Terminal Configuration Wizard.
- <u>Modify</u> will launch the appropriate **Display Server Configuration Wizard** for a highlighted Display Server member.
- <u>Modify</u> will launch the appropriate VCenter Server Property Wizard for a highlighted VCenter member.
- <u>Modify</u> will launch the appropriate **Display Client Configuration Wizard** for a highlighted Display Client member.
- <u>Modify</u> will launch the TermSecure Configuration Wizard for a highlighted TermSecure user or group.

<u>R</u>ename

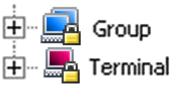
<u>Edit</u> > <u><i>Rename</u> will allow a highlighted tree item to have its name changed.

Note: The terminal name should be less than 15 characters because of limitations of the terminal server.

<u>L</u>ock

When a tree member is opened for modification, the entry in the configuration is automatically locked to prevent two people from making changes at one time.

<u>Edit > Lock</u> will manually lock the configuration of a tree member to prevent it from being changed. A lock icon will designate the locked state.

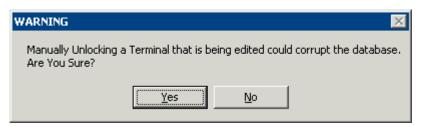


Lock Icons

<u>U</u>nlock

<u>E</u>dit > <u>Unlock</u> will manually unlock a tree member that was locked while being modified. This is used if the server was shut down while a tree member was locked, preventing the member from being unlocked automatically when the modifications are complete.

Using the Unlock function will display a warning to alert the user.



Lock Warning Message

Unlocking a locked member can cause a loss of configuration data if another user is modifying it.

Note: This tool is to be used only when a tree member remains locked due to an unexpected server shut down while a member is being configured. Using this tool while another is configuring that terminal can lead to corruption of the database.

<u>F</u>ind

Edit > Find launches a *Find* dialog that searches the tree for the item typed into the *Find* field.

Find	×
Find	Find Cancel
🔽 Search Names	
Search IP Addresses	
🔲 Search Terminal Ids	
🥅 Search Terminal Models	
Exact Match Only	

Find Dialog Box

The *Find* function has several checkboxes to enhance the search:

- Search Names this, when checked, will search for a name entered in the Find field.
- Search IP Addresses this, when checked, will search for an IP address entered in the Find field.
- Search Terminal Ids this, when checked, will search for a MAC address/Terminal ID entered in the *Find* field.
- Search Terminal Models this, when checked, will search for a thin client model entered in the Find field.
- **Exact Match Only** this, when checked, will limit searches to exact matches to the name entered in the **Find** field.

CTRL+F is the short cut key to launch Find.

Find <u>N</u>ext

<u>Edit > Find Next</u> will continue searching the tree for the next instance of the text in the Find field of the Find dialog box.

F3 is the shortcut key for this function.

<u>M</u>anage

ThinManager Server List

Manage > Thin<u>Manager Server List</u> will launch the Thin<u>Manager List Wizard</u>. See ThinManager Server List for details.

TermSecure <u>A</u>ccess Groups

Selecting *Manage > TermSecure <u>Access</u> Groups* will launch the Access Groups window to create Permission Groups for use with TermSecure.

See Permissions for more details.

Access Groups	×
Unrestricted All Users	[0K]
	Edit
	Delete

Access Groups Window

Select the OK button to accept the changes and close the window.

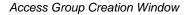
Select the *Edit* button to change the highlighted Access Group.

Select the *Add* button to add a new Access Group.

Select the *Delete* button to remove the highlighted Access Group.

If the Add button is selected, an Access Group Creation window will be displayed.

Access Group	×
Enter Group Name	ОК
l	Cancel
Edit Members	



Enter a name for the new Access Group and select **OK** to create the group.

Access Groups	×
Unrestricted All Users Engineering IT_Staff Management	<u> </u>
Operators Contractors	E dit Add
	Delete

TermSecure Access Groups Added

Defined Access Groups will be displayed in the Access Group window. See Permissions for more details.

DNS Configuration

Manage > <u>DNS</u> Configuration will launch the <u>DNS</u> Configuration Wizard. See DNS Configuration for details.

Configure Default Terminal

<u>Manage > Configure Default Terminal</u> will launch the Terminal Properties for the "Default" terminal. This default terminal is used as a template that terminals created during **Auto-Create** are based on. See Auto-Creation of Terminals for details on Auto-Creation of terminals.

Restore Configuration

<u>Manage > Restore Configuration</u> will allow a backed up ThinManager configuration to be applied to the ThinManager Server. Select <u>Restore Configuration</u> to launch the desired ThinManager Configuration file in the browse window and select **Open**. The backup copy will overwrite the existing configuration.

Open				? ×
Look in: 🔀	33_Cfgs	• + 6	0	
Green_bac	kup.db			
File <u>n</u> ame:	Green_backup.db			<u>O</u> pen
Files of <u>type</u> :	ThinManager Configuration	•		Cancel

Restore ThinManager Configuration

Backup Configuration

<u>Manage > Backup Configuration</u> allows the ThinManager Configuration to be saved. Select <u>Backup</u> Configuration to launch a browse window and select the Save button to save a backup copy.

Save As						? ×
Save in: 🔀	33_Cfgs 🗾 💌	+	£	d *	:::: •	
File <u>n</u> ame:	Green_backup.db				<u>S</u> ave	е
Save as <u>t</u> ype:	ThinManager Configuration		•		Canc	el

Backup ThinManager Configuration

Synchronize Configuration

<u>Manage > Synchronize Configuration</u> allows the configuration of multiple ThinManager Servers to be kept identical so that a terminal will boot with the same configuration regardless of what ThinManager Server the terminal connects to.

Note: ThinManager has an Automatic Synchronization feature that will keep two ThinManager Servers synchronized without requiring a manual input. See ThinManager Server List Page for details.

Although Automatic Synchronization is the preferred method of synchronization, Manual Synchronization is useful to synchronize the configurations on the primary and backup ThinManager Servers before turning on the Automatic Synchronization.

Selecting <u>Synchronize Configuration</u> will launch the Synchronize ThinManager Server Configurations Wizard. See Manual Synchronization for details.

Reconnect

This command will reinitiate the connection between the highlighted ThinManager Server and the ThinServer service.

D<u>i</u>sconnect

This command will disconnect the connection between the highlighted ThinManager Server and the ThinServer service.

<u>I</u>nstall

Install is a new menu item that contains the commands from **Manage** that involve installation.

Licenses

Install > License opens up the Licensing dialog box.

Li	censing				
	Master License Number	1111-2222-333-ABCD			
	License Number	Description	Location	Redundancy	Expiration
	1 4444-5555-6666-7777	7 Terminal Connection Redundant License	GREEN,TSE46	full	Never
	5555-6666-7777-8888	3 WinTMC Connection Redundant License	GREEN,TSE46	full	Never
					
	- Installation Id GREEN ((primary) 6666-AAAA-BBBB-1111-2222-3	333		
		,			
		TSE46 4444-6666-CCCC-DDDD-1111-22	22		
	Install License Delete	License Details Install De	emo Code Show	w Old Licenses	Done

Licensing Window

The *Master License Number* field shows the number of the installed master license. See Creating a Master License for details.

The Licensing window displays several columns.

- License Number This displays the component product license numbers included in the installed master license. A green monitor indicates a valid license while invalid licenses will display a red "X".
- Location This lists the ThinManager Server(s) that the component product license applies to.
- **Redundancy** This indicates whether the license type is redundant or mirrored.
- **Description** This lists the license type.
- **Expiration** This displays the license expiration date.

The **Installation ID** field displays the Installation ID number that is used in the license activation process. ThinManager Servers that are auto-synchronized will display the Install ID of both ThinManager Servers.

- Install License This button launches a file browser that allows a license file to be added.
- **Delete License** This button allows a highlighted license to be deleted.
- **Details** This button displays the details of a highlighted license.
- Install Demo Code This button allows a Demo Code to be added to give temporary functionality.
- **Show Old Licenses** This lists the previously installed ThinManager 3.x licenses on the ThinManager Server.
- **Done** This button closes the Licensing window.

See Licensing ThinManager for details.

<u>M</u>odules

Install > <u>Modules</u> open the Modules dialog box. This displays the modules that are available to the ACP Enabled thin clients. See Module Overview for details.

fodule Type	All Modules		•	
Description		Version	License R	
AMD Geode Video Driver		4.0.0	NONE	
AMD Geode Video2 Driver		4.0.0	NONE	
Add Serial Port		4.0.0	NONE	
Advantech ARK-1382 Sound Driver		4.0.0	NONE	
Advantech ARK-3380 Sound Driver		4.0.0	NONE	
Advantech PCM-5820 Sound Driver		4.0.0	NONE	
Advantech PCM-9372 Sound Driver		4.0.0	NONE	
Advantech UNO-1150 Sound Driver		4.0.0	NONE	
Advantech UNO-1170 Sound Driver		4.0.0	NONE	
Advantech UNO-2053E Sound Drive	r	4.0.0	NONE	
Advantech UNO-2173 Sound Driver		4.0.0	NONE	
Allen-Bradley VersaView 200R Sound	Driver	4.0.0	NONE	
Arista 5824-ACP Sound Driver		4.0.0	NONE	
Arista 6824-ACP Sound Driver		4.0.0	NONE	
Arista 7824-ACP Sound Driver		400	NONE	

Installed Modules Windows

The *Module Type* drop-down allows all modules to be displayed or allows the modules to be filtered by type.

The **Modules for Server X** window has three columns.

- **Description** This lists the modules by name.
- Version This is the version number of the module. This can be compared against the latest versions from http://www.thinmanager.com/support/downloads.shtml#modules.
- License Reqd This shows what license is required, if any, to use the module.

The Modules for Server X window has three buttons.

- Install Module This button launches a file browser that allows a module file to be added or updated.
- **Remove Module form All Terminals** This button will remove a highlighted module from all terminals. It doesn't remove the module from the system; it just removes it from the configurations.
- **Done** This button closes the Modules window.

Selecting Install Module... will launch a dialog box that allows modules files to be selected.

Open				? ×
Look jn: [Unrelea	sed	- 🕈 🔁 (* 💷
arista_tou carrolltouc contec.mo core_video DMCTouch dynapro.m	h.mod d o.mod n.mod	elotouch.mod gunze_touch.mod kbd_config.mod microtouch.mod penmount.mod ronics.mod	term_shadow.i touch_int.mod touchcontrol.m usbtouch.mod video_intel2.m xycom_touch.r	od
File <u>n</u> ame:	usbtoud	ch.mod		<u>O</u> pen
Files of type:	Module	Files n as read-only	•	Cancel

Open Module File

A module can be added to the list of available modules by highlighting the desired module file and selecting *Open*. The window will close when the license is installed.

Note: The module files should not be saved directly into the ThinManager folder but should be saved to another folder and be installed using ThinManager.

See Module Overview for details

Reports (Installation)

Install > <u>Reports</u> will launch a **Reports** window that allows additional reports to be added to ThinManager. Each report has two components, an HTML template and a SQL query.

See Reports for information on reports.

eports		×
Report Templates	🔿 SQL Files	C Images, Finished Reports etc.
Report Description Terminal Login Settings Terminal Configuration Chan Properties of All Terminals Terminal Server Resource E Terminal Session Events Log Terminal Shadow Events TermSecure Login/Logout E Event Log Terminal Uptime Report	Report Type system terminal system terminal server terminal user system system	Report Template TerminalAutoLoginSettingsTemplate.html TerminalConfigChangesTemplate.html TerminalPropertiesTemplate.html TerminalServerResourceEventsTemp TerminalSessionEventsTemplate.html TerminalSessionEventsTemplate.html TerminalSessionEventsTemplate.html TerminalShadowEventsTemplate.html UserLoginEventTemplate.html eventlogtemplate.html terminaluptimetemplate.html
•		
Install	Delete	OK

Reports Window – Reports Templates

The **Reports** widow has radio buttons to display report templates, SQL files, and images, finished reports, and assorted files.

Selecting the *Report Template* radio button will display installed report templates. ThinManager installs a variety of templates. New templates can be downloaded from <u>www.thinmanager.com</u>.

Selecting the *Install* button will launch a file browser to install new templates. Selecting the *Delete* button will delete a highlighted report.

Open			? ×
Look jn: 🔀	ReportTemplates	- 🗢 🗈	💣 🎟 -
Part1		🖲 TerminalSer	verResourceEven
Dart2		💽 TerminalSes	sionEventsTempla
🛛 💽 eventlogte	emplate.html	💽 TerminalSha	adowEventsTempl
📃 💽 TerminalAı	utoLoginSettingsTemplate.html	🧕 terminalupti	imetemplate.html
TerminalCo	onfigChangesTemplate.html	🖲 UserLoginEv	ventTemplate.htm
🛛 💌 TerminalPr	opertiesTemplate.html		
•			Þ
File <u>n</u> ame:	TerminalConfigChangesTemplate	.html	<u>O</u> pen
Files of type:	Report Templates	•	Cancel
	C Open as read-only		//

Open File Window

Navigated to the desired template, highlight the file, and select **Open**. This will install the template and close the file browser window.

Reports		2	×
C Report Templates	SQL Files	C Images, Finished Reports etc.	
SQL Query File eventlog.sql			
terminalautologinsetting.sql terminalconfigchanges.sql terminalserverresourceevent terminalsessions.sql terminalshadowevents.sql terminaluptime.sql			
termprops.sql userlogins.sql			
1			
Install	Delete	OK	

Reports Window – SQL Files

Selecting the **SQL Files** radio button will display installed SQL queries. ThinManager installs a variety of SQL queries as companions to the report templates. New SQL queries for new reports can be downloaded from www.thinmanager.com.

Selecting the *Install* button will launch a file browser to install new SQL queries. Selecting the *Delete* button will delete a highlighted SQL query.

Reports			×
C Report Template	s O SQL Files	Images, Finishe	d Reports etc.
Filename		File Type	▲
eventlog_2008_04_20	_17_00.html	Firefox Document	
logo150x50.jpg		JPEG Image	
logo150x50_TM.jpg		JPEG Image	
logo150x50_pbs.jpg		JPEG Image	
terminaluptime_2007_0	07_27_21_00.html	Firefox Document	
terminaluptime_2007_0	08_10_21_00.html	Firefox Document	
terminaluptime_2007_0	08_17_21_00.html	Firefox Document	
terminaluptime_2007_0	08_24_21_00.html	Firefox Document	
terminaluptime_2007_0	08_31_21_00.html	Firefox Document	
terminaluptime_2007_0)9_07_21_00.html	Firefox Document	
terminaluptime_2007_0	09_14_21_00.html	Firefox Document	
terminaluptime_2007_0		Firefox Document	
terminaluptime_2007_1	1_02_21_00.html	Firefox Document	
terminaluptime_2007_1	1_09_20_00.html	Firefox Document	-
· ·			
Install	Delete		ОК

Reports Window – Images, Finished Reports, etc.

Selecting the *Images, Finished Reports, etc.* radio button will display installed images and reports.

Selecting the *Install* button will launch a file browser to install new images. Selecting the *Delete* button will delete a highlighted image, report, or file. This is a handy way do delete older copies of backed up reports and configurations that were saved using the Scheduler. See System Schedule for details.

Selecting the **OK** button will close the **Reports** window.

Firmware

ThinManager allows the firmware for the ThinManager Ready thin client to be upgraded with the latest version from the ThinManager web site (<u>www.thinmanager.com</u>).

Select *Install > <u>Firmware</u>* to launch a file browser.

Open			? ×
Look jn: 🔀	firmware	• • •	* 📰 •
🖬 firmware	.acp.v03.01.1		
🗖 🖬 firmware	.acp.v03.02.6		
	.acp.v04.00.3		
Contraction of the second	.acp.v04.00.5		
irmware 🖬	.acp.v04.01.0		
File <u>n</u> ame:	firmware.acp.v04.01.0		<u>O</u> pen
Files of type:	Firmware	•	Cancel
	C Open as read-only		1.

Install New Firmware

Select the new version of the firmware.acp and select Open. This will install the new version of the firmware.

The ThinManager Ready thin clients will download the new version of firmware the next time they are rebooted.

TermCap Database

ThinManager has a **Terminal Capability Database** (**termcap.db**) that provides ThinManager with the configuration parameters for each thin client model. At each terminal connection, the TermCap database is checked and an integrity check is performed. If the configuration does not match the terminal specifications, ThinManager may reconfigure the terminal to acceptable parameters.

ThinManager Integrity Check	×
The following changes were made : Terminal Prod_Line1A - Invalid Video Mode, was 1024x768 70Hz 256 Colors, changed to 800x600 72H Terminal Prod_Line1A - Module Elographics Touch Screen Driver - Property "PORT" Invalid, was "COM1	
(OK	

Terminal Capabilities Integrity Check

The Terminal Capability database can be updated with the current release from the ThinManager web site (<u>www.thinmanager.com</u>).

To update the Terminal Capabilities Database, select *Install* > <u>TermCap Database</u>.

Open			? ×
Look jn: 🔀) firmware	- 🗢 主	➡ 🔳 🕶
termcap.			
l File <u>n</u> ame:	termcap.db.4.1.1		<u>O</u> pen
Files of type:	TermCap Database	_	Cancel
	C Open as read-only		1

Install New TermCap Database

An **Open** dialog box will be launched.

Select the new version of the *termcap.db* and select the *Open* button. This will install the new version.

<u>T</u>ools

Tools contain commands that affect the terminals.

Restart Terminals

<u>T</u>ools > Restart Terminals will perform an intelligent restart of a terminal. It will load any changes to the configuration, modules, firmware, and reconnect them to the terminal server without cycling power to the terminal, unless it is needed to reload the firmware.

Note: Restarting a terminal does not close the session on the terminal server nor does it unlock a frozen session. It reloads changes independent of the session on the terminal server. It will reconnect to the same session without changing the session.

- Highlight a **terminal** in the ThinManager tree pane and select this command to restart a terminal.
- Highlight a **group** in the ThinManager tree pane and select this command to restart all the terminals of the group.
- Highlight a **ThinManager Server** in the ThinManager tree pane and select this command to restart all the terminals on the ThinManager Server.

Reboot Terminals

<u>T</u>ools > Reboot Terminals will cycle the power to the terminal, reloading the firmware and configuration, and reconnect it to the terminal server. The function of this command has been largely replaced by the **Restart** Terminal command.

Note: Rebooting a terminal does not close the session on the terminal server nor does it unlock a frozen session. It reboots and reloads the firmware and configuration independent of the session on the terminal server. It will reconnect to the same session without changing the session.

- Highlight a **terminal** in the ThinManager tree pane and select this command to reboot a terminal.
- Highlight a **group** in the ThinManager tree pane and select this command to reboot all the terminals of the group.
- Highlight a **ThinManager Server** in the ThinManager tree pane and select this command to reboot all the terminals on the ThinManager Server.

Reboot Terminal Server

Tools > Reboot Terminal Server will send a command to restart the highlighted terminal server.

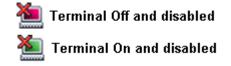
• Highlight a **terminal server** in the ThinManager tree pane and select this command to restart a terminal server.

Caution: Reboot Terminal Server will restart the terminal server and log off all sessions without giving users a chance to save their data. Use wisely.

Disable Terminals

The **<u>D</u>isable Terminal** command will disable any highlighted Group or Terminal by displaying a lockout screen. The terminal will wait until it is enabled with the **<u>T</u>ools > Enable Terminal** function to be functional again. This allows terminals to be locked down for security reasons, or to prevent the terminals from accessing the terminal servers.

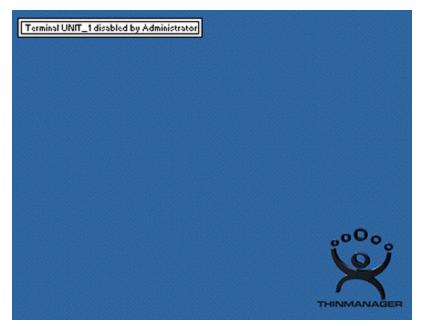
Highlighting a Terminal Server, or Group in the ThinManager tree and selecting <u>**T**</u>ools > Disable Terminal will disable every terminal assigned to it.



Disabled Terminal Icons

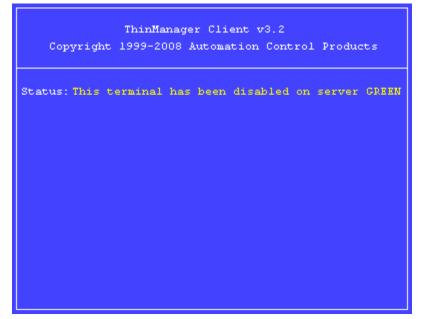
If a Group or Terminal is disabled using the <u>**T**</u>ools > **Disable** function, it will be displayed with a red **X** over the terminal icon. An entire ThinManager Server or an entire Group can be disabled, but only the terminal icons will show the **X**, not the ThinManager Server icon or the Group icons.

Once a terminal is disabled, a disabling screen will appear on the terminal until the terminal has been enabled.



Disabled Terminal Screen – Logged On

A logged on terminal will display a screen indicating that the terminal is disabled.



Disabled Boot Screen

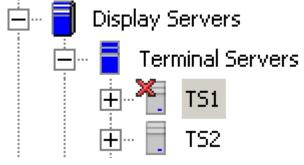
Terminals that are booted while disabled will halt on a blue screen indicating that the terminal is disabled.

Enable Terminals

The *Enable Terminal* command will remove the disabling from a highlighted Group or terminal and allow it to continue functioning or resume the boot process.

Disable Terminal Server

The *Disable Terminal Server* command will disable all connections from the selected terminal server to all ThinManager Ready thin clients logged onto that server. The sessions will be disconnected but not reset.



Disabled Terminal Servers

This is useful in updating terminal servers. Clients can be disconnected and have their sessions logged off, allowing the server can be updated. Once it is updated in can be enabled to allow client to connect to it again.

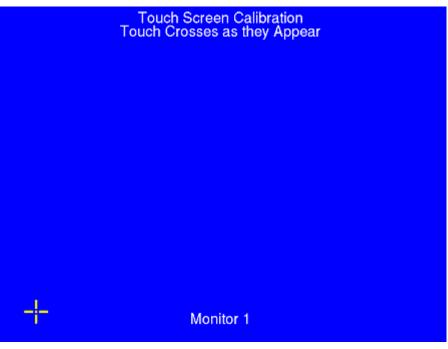
Enable Terminal Server

The *Enable Terminal Server* command will enable a disabled terminal server to allow connections from ThinManager Ready thin clients.

Calibrate Touch Screen

ThinManager has a touch screen configuration utility that can calibrate a thin client touch screen. The utility can be started three ways:

- On the thin client, select Start > Program Files > Automation Control Products > Calibrate Touch Screen (or Start > Program Files > Acp > CalTouchScreen). This is useful because it allows the operator to calibrate the touch screen without administrative support.
- On the ThinManager Server, highlight the desired terminal in ThinManager and select *Tools > Calibrate Touch Screen* from the menu bar. This will launch the calibration on the selected terminal.
- The **Calibration Touch Down Time (seconds)** setting on the touch screen module will allow the calibration to be triggered by holding a finger on the touch screen for the amount of time set in the parameter. See Touch Screen Modules for details.
- The **TermMon ActiveX** can be configured to launch the calibration program. See TermMon ActiveX Control for details.



Touch Screen Calibration Screen

A new touch screen calibration program was released with ThinManager 2.6 and is included in the 2.6 and

later touch screen modules. When the calibration is run, a "+" appears in the lower left. Touch the center of

the + and then touch the center of the other four +s as they appear. This provides touch screen mapping for the terminal.

Note: The touch screen module must first be added through the Module page in the Terminal Configuration wizard.

To launch the calibration program from the *Start* menu from within the session requires that the ThinManager Utilities be installed on each terminal server. See Standard ThinManager Installation in Windows for details.

Send Message

Send Message will send a message to a highlighted terminal.

Send Terminal	Message	×
Message Title	Message From ThinManager	OK
Message	×	Cancel

Send Message Window

Enter the message into the Message text box. The *Message Title* can be changed, if desired. Select the *OK* button to send or the *Cancel* button to cancel.



Send Message Window

When a message is sent, an ACP splash screen will be displayed with the message until the message is acknowledged.

Clear Event Log

Selecting Clear Event Log will clear the event log. The event log is configured the **ThinManager Server Configuration Wizard** that is launched by double-clicking on the ThinManager in the tree or highlighting the ThinManager and selecting **Edit > Modify** from the menu.

<u>V</u>iew

<u>Status Bar</u>

The <u>Status Bar</u> shows advice and comments on the bottom of the **ThinManager** window. When the <u>Status</u> Bar command is checked, the **Status Bar** text is visible. When the **Status Bar** command is unchecked, the **Status Bar** text is invisible.

Show Connected Only

View > Show <u>Connected Only</u>, if checked, will simplify the tree by removing unconnected terminals, terminal servers and terminal server groups.

Reports (Selection)

View > Reports will open the **Select Reports** window.

Select Reports		×
		Cancel
System Report	Properties of All Terminals	
Terminal Report	Terminal Configuration Changes 💌	
Terminal Server Report	Terminal Server Resource Event 💌	
TermSecure User Report	TermSecure Login/Logout Even	

Select Reports Window

The Select Reports window allows the selection of the default report that will display when the Report tab is selected for a ThinManager Server, terminal, terminal server, or TermSecure user.

The default reports can be changed by selecting a different report in the drop-down boxes.

See Reports for details.

<u>P</u>rint

View > Print will print the highlighted tab of the Details pane..

ThinManager	_ 🗆 🗵
<u>Edit Manage Install Tools View</u> <u>R</u> emoteView <u>H</u> elp	
Configuration Modules Schedule Properties Event Log Shade	W Report
	Configurati
Term2 Print III	4 1
Display Servers	
Terminal S HP LaserJet 5000 Series PCL Macromedia FlashPaper TS1 HP LaserJet P1006 Microsoft XPS Document Wr	
TS1 CONTCA MINOLTA magicolor 5430DL	
T53	
Cameras Status: Ready Print to file Preferences Location:	
TermSecure Us Comment:	
Page Range	
All Number of copies: 1	
O Selection O Cyrrent Page	
Enter either a single page number or a single	_
Print Cancel Apply	
Administrator	·
Changed 14:27:49	
For Help, press F1	

Print Reports

A **Print** dialog box will appear to allow the selection of the printer and the desired number of copies.

<u>Options</u>

Selecting *Options* will launch the Options dialog box.

Options	×
General Options Display "Create New Terminal" dialog for unknown terminals. Display "Create New User" dialog for unknown users.	
Icon Options Minimize to the System Tray.	
License Options Warn if license will expire within 10 day(s). A value of 0 disables warning.	
Cancel	

Options

The *Display "Create New Terminal" dialog for unknown terminals* check box, if selected, will launch the **Terminal Configuration Wizard** on the ThinManager Server when a new terminal is added.

The **Display "Create New User" dialog for unknown users** check box, if selected, will launch the **TermSecure User Configuration Wizard** on the ThinManager Server when an unknown ID device (USB key or ID card) is read by a terminal.

Note: Checking the *Display "Create New User" dialog for unknown users* check box is useful for assigning ID cards to TermSecure Users. See Card and Badge Configuration for a TermSecure User for details.

The *Minimize to the System Tray* checkbox will send the ThinManager icon in the system tray when ThinManager is minimized.

Warn if license will expire within ___ *day(s)* will set the warning period before license expiration. This is useful for time-limited demonstration and Trialware licenses.

<u>R</u>emoteView

Interactive Shadow

Interactive Shadow, if checked, allows Administrators and members of the ThinManager Security Groups that have interactive shadow permissions to interact and control a shadowed terminal session. If this value is unchecked the sessions will be viewable, but observers cannot take control of the session.

Scaled to Window

Scaled to Windows, if checked, will scale the shadowed terminal session to fit the Details pane of ThinManager. If this value is unchecked the session will be viewed regular-sized, requiring the use of scroll bars to view portions of the screen.

Go <u>F</u>ullScreen

This allows the connection from the **Connect** tab on ThinManager to the terminal server to be displayed full screen instead of in a window in ThinManager.

This session can be switched to full-screen by selecting *RemoteView > Go FullScreen* in the menu. This changes the appearance from running from within a window to running as a desktop.

The full screen session will have a tool tab at the top of the screen with controls that allow the window to be switched back to the window or to close the connection.



Remote Session Tool Bar

The standard Minimize, Maximize, and Close icons on the Remote Session Tool Bar allow control over the session.

The hot keys of *CTL+ALT+BREAK* will allow you to switch to full screen mode or to exit full screen mode.

Connect Options

Selecting *RemoteView > Connect Options* will launch the Terminal Server Connect Options window that allows the terminal server **Remote View** connection to be configured.

Terminal Server Connect Options	? ×
Video Settings Video Mode 1024x768 Width 1024 Height 768	OK Cancel
Color Depth 256 Colors	
- Access Options	
🗖 Allow Auto-Login	
Allow Access to Local Drives	
Connect To Console	

Terminal Server Connect Options

The Video Settings include:

- *Video Mode* This allows the connection to be displayed at a specific resolution or as full screen.
- *Width* This allows the connection to be displayed at a specific width if the *Video Mode* is set to **Custom**.
- Height This allows the connection to be displayed at a specific height if the Video Mode is set to Custom.
- **Color Depth** This allows the connection to be displayed at a specific color depth. Windows 2003 is required for high-color.

The Access Options include:

- Allow Auto-Login This allows the connection to login without prompting when checked. It will use the login information that is entered on the Terminal Server Name page of the Terminal Server Wizard.
- *Allow Access to Local Drives* This allows the user to access the hard drive on the remote computer from the remote connection.
- **Connect To Console** This allows the ThinManager user to capture the console session for display through ThinManager instead of starting a new session on the terminal server.

Send <u>K</u>ey

Send <u>Key</u> allows the sending of key commands to the shadowed session that are normally saved for the local machine and don't function in shadowing. These include:

- CTLL+ALT+DEL
- CTL+ESC
- ALT+Tab
- ALT+Shift+Tab
- ALT+ESC
- ALT+Space.

Select *RemoteView > Send Key* and the desired key combination to send the key command to the shadowed session.

Note: The Key Block module will block this command if it is used on the terminal. See Key Block Module for details.

<u>H</u>elp

Help Topics

Selecting <u>Help Topics</u> will launch the ThinManager Help file. This file can also be launched by selecting F1 while using ThinManager.

About ThinManager

Selecting <u>About ThinManager</u> will display a dialog box with ThinManager version information, copyright information, and contact information for ThinManager.

Right Click Menus in the Tree Pane

Right Click on the ThinManager Server Icon

- **Reconnect** This causes the ThinServer service to try to reconnect to the highlighted ThinManager Server.
- **Modify** This launches the **ThinManager Server Configuration Wizard** to configure the highlighted ThinManager Server.
- **Remove** This removes the highlighted ThinManager Server from the tree. It does not remove any configuration or uninstall the program.

See Add ThinManager Server for details.

Right Click on the Terminals Branch Icon

- Add Terminal This launches the Terminal Configuration Wizard to create a terminal.
- Add Group This launches the Terminal Group Configuration Wizard to create a group.
- **Restart Terminals** This sends a signal to all the terminals to reload any changes to its configuration, modules, or firmware. It will only do a full reboot if needed.

Right Click on a Terminal Group Icon

- Add Terminal This launches the Terminal Configuration Wizard to create a terminal in the group.
- Add Group This launches the Terminal Group Configuration Wizard to create a group.
- **Restart Terminals** This sends a signal to all the terminals under the highlighted icon to reload any changes to its configuration, modules, or firmware. It will only do a full reboot if needed.
- **Modify** This launches the **Terminal Group Configuration Wizard** to configure the highlighted group.
- **Rename** This allows the Group to be renamed.
- **Delete** This removes the Group from the ThinManager configuration. Member terminals can be deleted with the group, or moved out of the group, depending on the choice in the confirmation window.

ThinMan	ager			×
Do you	want to delete	e the Terminals for G	Group Group3 as	well?
NOTE: 1	If no, Group M	lembers will be assig	ned to the pare	nt group
	<u>Y</u> es	<u>No</u>	Cancel	

Delete Group confirmation Window

Selecting Yes will delete the Group and all member terminals.

Selecting *No* will delete only the group. The member terminals will be moved out of the group and retain their configuration as individuals.

Selecting *Cancel* will stop the process and allow the group to remain as it is.

Right Click on a Terminal Icon

- Modify This launches the Terminal Configuration Wizard to configure the highlighted terminal.
- **Rename** This allows the terminal to be renamed.
- **Delete** This removes the terminal from the ThinManager configuration.
- **Go to TermSecure User** This changes the focus of the tree to the TermSecure User that is logged into the terminal.
- **Restart Terminal** This sends a signal to the terminal to reload any changes to the configuration, modules, or firmware. It will only do a full reboot if needed.

Right Click on the Display Servers Terminal Servers Branch Icon

- Add Terminal Server This launches the Terminal Server Wizard to create and configure a new terminal server.
- Edit Terminal Server This launches the Terminal Server List Wizard to allow the configuration of an existing terminal server.

See Terminal Services Display Servers for details

Right Click on a Terminal Server Icon

- **Modify** This launches the **Terminal Server Configuration Wizard** to allow changes to the configuration of the highlighted terminal server.
- Rename This allows the terminal server to be renamed.
- **Delete** This removes the terminal server from the ThinManager configuration.

ThinManager	×
Delete Terminal Server Cream. Are You Su	ıre?
Yes <u>N</u> o	

Terminal Server Deletion Confirmation

ThinManager will prompt for confirmation before deletion.

ThinManager	X
This server is used in at least one Terminal Configuration or a Server Group. Remove from all Terminal configurations and Server Groups before attempting delete.	gto
<u>ОК</u>]	

Terminal Server Deletion Error

A terminal server cannot be deleted from a configuration if it still has terminals assigned to it.

• **Restart Terminals** - This sends a signal to the terminal to reload any changes to all terminals connected to the terminal server. It will only do a full reboot if needed.

Right Click on the VCenter Servers Branch Icon

The branches of the VCenter Server tree have various right-click menus:

- VCenter Servers:
 - Add vCenter Server Launches the VCenter Server Property Wizard to allow a VCenter Server to be defined.
- Defined VCenter Servers:
 - *Remove* Removes the defined VCenter Server.
- Imported Datacenter:
 - **Rename** Allows you to rename the datacenter.
 - o Delete Allows you to delete the datacenter.
- Virtual Machine:
 - Power Operations:
 - **Power On** Turns on a stopped or suspended virtual machine.
 - **Power Off** Turns off a stopped or suspended virtual machine.
 - **Suspend** Suspends a running virtual machine and stores the state.
 - **Reset** Cycles power to the virtual machine to restart the virtual machine.
 - Snapshot:
 - **Take Snapshot** Captures and stores the state of the virtual machine.
 - Revert to Current Snapshot Reapplies the stored state of a previously saved virtual machine.
 - Snapshot Manager Launches the Snapshot management tool.
 - o Rename Allows the virtual machine to be renamed.
 - *Remove from Inventory* Removes the virtual machine from the tree without deleting the files.
 - o Delete Removes the virtual machine from the tree AND deletes the file system.

Right Click on the Display Client Branch Icon

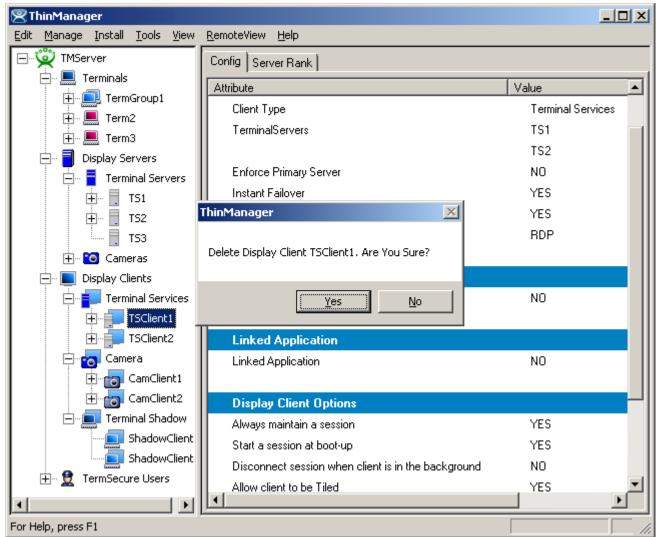
- Add Display Client- This launches the Display Client Wizard to create and configure a new Display Client.
- Edit Display Client- This launches the Display Client List to allow the configuration of an existing Display Client.

See Display Client List for details.

Right Click on a Display Client Member Icon

• **Modify** - This launches the **Display Client Configuration Wizard** to allow changes to the configuration of the highlighted Display Client.

- **Rename** This allows the Display Client to be renamed.
- **Delete** This removes the Display Client from the ThinManager configuration.



Terminal Services Display Client Deletion Confirmation

ThinManager will prompt for confirmation before deletion.

ThinManager	×
This Display Client is used in at least one Terminal or User Configuration. Remove from all Terminal and User configurations before attempting to delete.	
OK	

Display Client Deletion Error

A Display Client cannot be deleted from a configuration if it still has terminals assigned to it.

Right Click on the TermSecure Users Branch

- Add TermSecure User This launches the TermSecure User Configuration Wizard to allow a TermSecure User to be defined.
- Add TermSecure User Group This launches the TermSecure User Group Configuration Wizard to allow a TermSecure User Group to be defined.

Right Click on a TermSecure Users Group Icon

- Add TermSecure User This launches the TermSecure User Configuration Wizard to allow a TermSecure User to be defined.
- Add TermSecure User Group This launches the TermSecure User Group Configuration Wizard to allow a TermSecure User Group to be defined.
- **Modify** This launches the **TermSecure User Group Configuration Wizard** to allow changes to the configuration of the highlighted TermSecure User Group.
- **Rename** This allows the TermSecure User Group to be renamed.
- **Delete** This will remove the TermSecure User Group from the ThinManager configuration. Members can be deleted with the group or moved out of the group, depending on the choice in the confirmation window.

ThinManager 🗙	
Do you want to delete the Users for Group Admins as well?	
NOTE: If no, Group Members will be assigned to the parent group	
Yes Cancel	

Delete Group confirmation Window

Selecting **Yes** will delete the Group and all members.

Selecting *No* will delete only the group. The members will be moved out of the group and retain their configuration as individuals.

Selecting *Cancel* will stop the process and allow the group to remain as it is.

Right Click on a TermSecure Users Icon

- **Modify** This launches the **TermSecure User Configuration Wizard** to allow changes to the configuration of the highlighted TermSecure User.
- **Rename** This allows the TermSecure User to be renamed.
- **Delete** This removes the TermSecure User from the ThinManager configuration.
- **Logoff User** This logs the TermSecure User out the terminal that it is currently logged into.
- **Go to Terminal** This changes the focus of the tree to the terminal that the TermSecure User is logged into.