

TinyTERM

Readme

www.centurysoftware.com

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Thank you for using TinyTERM.

This information will help you install and use TinyTERM. Please read the entire document.

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Installation

TinyTERM's Install is a 32-Bit installation and will allow you to install to a directory containing long file names and file names with spaces.

This version can be installed with a 14-day evaluation license. To update this license to a full version launch Century's License Manager, select the purchased product type from the drop down list box and click the Upgrade button, and enter a valid Serial Number and Activation Key for this product.

This version can be installed on any Windows 98SE, Windows NT 4.0, Windows 2000, Windows ME, Windows XP, or Vista system.

Product Registration

To register your Century Software Product, do one of the following:

Register on-line at: <http://www.censoft.com/support/register.htm>

Fill in the information on the enclosed registration card and drop it in the mail.

(The registration card contains your serial number and has pre-paid return postage.)

Fill in the information on the enclosed registration card and fax it to: (801) 268-2772.

From the **Help** menu within TinyTERM, select **Register**.

TinyTERM Plus Edition is an updated product from Century Software and contains some remarkable enhancements and new features. This version can be installed as either a 14-day evaluation or a full version. The 14-day evaluation license includes all of TinyTERM Plus Edition's core functionality. Feel free to telnet and transfer files.

Terminal Emulation Enhancements

(4.63 - CR 885) SSL/TLS connections with the TN3270 emulation to certain hosts failed.

(4.63 - CR 887) Added 28,800 baud rate selection to serial port setup.

(4.63 - CR 607) In rare circumstances, using an IP address instead of a hostname would fail to resolve properly.

(4.63) Fixed potential TN3270 crash when using undefined keys.

(4.63) Fixed improper TN3270 attribute detection on certain types of screens.

(4.63) Fixed improper TN3270 capability query responses.

Documentation

(4.63 - CR 710) New documentation of control strings in programmers reference manual

Previous Versions

Terminal Emulation Enhancements

(4.62) Fixed a problem with SSH when connecting to a Cisco SSH server on IOS that manifested as "Connected Refused"

(4.62) Added support for SSH2 banner requests

(4.62) Fixed a potential failed assertion when the above SSH connection failed

(4.62) Updated the TE ActiveX control to allow easier integration into other projects without having to implement as many methods

Installation

(4.61 - CR 769) FIXED: .tpx file extension not registered after TinyTERM install

(4.61 - CR 270) FIXED: Error when double-clicking a .tpx file on an NTFS formatted drive.

(4.61) The Web Server product is now installed with all TinyTERM Plus version installs and is licensed accordingly.

(4.61) All installs are now done with a MSI installer.

(4.61) Evaluation versions are no longer installed automatically. A license key will be needed. These keys can be requested at <http://www.censoft.com/download>

(4.61) Licensing now takes place within TinyTERM itself. Use Help | Add License Key to add a purchased license for use with TinyTERM.

(4.50 - CR 772) The problem of TinyTERM crashing when using converted TSL scripts containing user interface elements has been fixed.

(4.43 - CR 680) IBM-TN3270 now fully supports the display and entry of field and DUP markers. These are entered using CTRL-F and CTRL-D using the default keymap.

(4.43) IBM-TN3270 unprotected fields now show the correct colors for the final character when entering data.

(4.43) IBM-TN3270 unprotected fields starting at position 0 on the screen (where the SF indicator is at the last screen position) now draw and are sent to the host properly.

(4.43) IBM-TN3270 unformatted screen handling has been improved.

(4.43) Speed improvements in the emulation display. This also helps improve the perceived responsiveness of the keyboard.

(4.43 - CR 684) Ignore print requests now works in WYSE 50/60 emulations. This also could have produced problems in other emulations.

(4.43 - CR 696) Transparent print now works with bypass printer driver set in WYSE 50/60 emulations. This is related to CR 684.

(4.43 - CR 720) Transparent works now in any UNIX emulation. Related to CR 684 and 696.

(4.43 - CR 692) Page setup no longer appears unnecessarily when performing print screens.

(4.43 - CR 704) Corrected spelling in German translation of TinyTERM (Deutsch was spelled "Deutsche")

(4.43 - CR 715) Corrected spelling of Canadian in VT NRCS replacement menu.

(4.43) SSH and SSL have been updated to take advantage of new security enhancements. Compatibility with more versions of SSH on various systems has improved.

(4.43) Handling of the "10022" error on Windows XP SP2 systems has improved.

(4.43 - CR 679 - CR 669) Remote and local expanded paths now function as expected.

(4.43 - CR 725) Installation errors with licensing when installing the TinyTERM Web Server client on certain systems has been fixed.

(4.43) Added support for truly bypassing all Windows printer drivers and queues for the Windows 2000/XP version of LPD. This will now print directly to the raw port (if possible.)

Terminal Emulation Enhancements

(4.61 - CR 788) RSA authentication now compatible with all versions of ssh servers

(4.61 - CR 662) FIXED: Connection failed (965) - Error in host key

(4.61 - CR 814) FIXED: TN5250 shows as TN3270 in emulation setup dialog

(4.61 - CR 767) FIXED: dgplus.res errors when running TinyTERM Web Server Client

(4.61 - CR 562) FIXED: SSH doesn't prompt on an expired password

(4.61 - CR 552) FIXED: Login tab info not changed if "Establish Connection on Open" is checked when TinyTERM starts

(4.61 - CR 227) Enhancement request for a keepalive option for SSH

(4.61 - CR 850) Enhancement request to allow saving of the scrollbar buffer

(4.61 - CR 757) FIXED: TinyTERM does not display all TAPI error messages

(4.61 - CR 835) Enhancement request to increase the .tpx file keys to 2048 bytes

(4.61 - CR 845) FIXED: TinyTERM Help file fails in Windows Vista. Old-style .hip file has been removed

(4.61 - CR 717) Enhancement request for a default SecureFT startup configuration

(4.61 - CR 764) FIXED: Extra SecureFT license in registry causes startup problems

(4.61 - CR 828) Enhancement request to change the port SecureFT uses

(4.52) Keyboard macro recording capabilities have been added to the TN3270 and TN5250 emulations. This works the same way as the existing UNIX emulations version.

(4.52) Inter-form keyboard buffer has been added to the TN3270 and TN5250 emulations. This allows the user to enter keystrokes while the host is still processing an individual form.

(4.52) A Destructive backspace function has been added to the TN3270 and TN5250 emulations. This can be turned on and off on the Keyboard tab of the session properties.

(4.52) Mouse cursor positioning has been updated in the TN3270 and TN5250 emulations to allow the cursor to be moved to non-editable fields. Previously, this was

limited to fields in which the user could enter text.

(4.52) Added support for alternate TELNET negotiation sequences required for certain types of host controllers for the TN3270 emulations. This alternate sequence is automatically detected and enabled.

(4.52 - CR 636) Copy and paste operations can now automatically have carriage returns added to them for convenient pasting into Windows applications. This option is on the emulation setup dialog on the Session tab of the session properties.

(4.52 - CR 669) Certain situations where the "Initial Expanded Directory" was failing in Century FTP has been fixed.

(4.52 - CR XXX) Non-sequential serial ports are now properly detected and available for selection.

(4.52) Serial ports currently in use are available for selection during session configuration. Previously, if a serial port was being used, you could not select it for use in another connection setup.

(4.52) Related to the above fix, you can now change serial port settings while a connection is active...

(4.52) AUX port functionality for the VT/ANSI series and WYSE series emulations has been added. This is enabled in the "Emulation Setup" dialog in the Session tab of the sessions properties. This allows programmatic redirection of I/O to and from a specified serial port. This is typically used with certain peripherals so that a host can communicate with them directly. This can also be used for driver-less access for serial printers.

(4.52) A special key sequence (by default SHIFT-ESC) was added to unlock a locked keyboard while using the AUX port. This can be changed or eliminated by using the keyboard mapper.

(4.52) You can now double-click on a word to automatically select it.

(4.50 - CR 182) COM ports up to 99 are now supported, and are compatible with nearly all USB and internal serial port extenders.

(4.50 - CR 182) TT now compatible with virtual serial ports provided by ESP series port extenders.

(4.50 - CR 708) 10022 Invalid argument on Windows XP has been fixed, and a notice provided for cases where this error will still be present. This notice provides a workaround, involving the partial disabling of the XP SP2 firewall product. This should only be needed in the case where RLOGIN is needed by a non-admin user.

(4.42) Added DBCS decoding support for Big5, GB2312, Shift-JIS, and KOI-8. You can select these from the the bottom of the code page setting dialog.

(4.42) Added support for host key authentication for both SSH and SSL. You can select key files from the Login setting dialog.

(4.42) Added support for converting Attachmate scripts. The convertor is on the script language page, and first performs a syntactical conversion of the script. Most of the functions of Attachmate are provided in the default script library.

Installation Fixes

(4.42) Fixed a long-standing licensing issue where if a user installed a demo version of say, TinyTERM, then installed a version of TinyTERM Plus with a non-evaluation key, the licensing module would be confused and not allow the product to run.

(4.42) Added support for multiple printers in TinyTERM, as well as associated transparent print commands. This allows up to six printers to be used for transparent printing simultaneously, as well as used individually for print screen commands and the like.

(4.41) The tePrinterFlags now accepts two new values, 2 and 3. 2 will turn on binary writing mode and 3 will turn on ASCII mode (the default.)

(4.41) The MouseDown/Up callback now includes information for the text row/columns in the upper 16 bits of the x/y coordinates.

(4.41) Added attribute mappings compatible with other terminal emulator packages, including AttachMate, Rumba, Hummingbird, and WRQ.

(4.41) Added keyboard mappings compatible with other terminal emulator packages, including AttachMate, Rumba, Hummingbird, and WRQ.

(4.41) Added codepages compatible with other terminal emulator packages, including AttachMate, Rumba, Hummingbird, and WRQ.

(4.41) Added SSL connectivity option that allows both UNIX and IBM emulations to connect via SSL to a compatible host.

(4.41) Page setup settings are now saved across TinyTERM invocations. In addition, each of the six available printers can now have it's own individual settings.

(4.41) When "None" is selected for right mouse button, a context menu for copy/paste is now shown when the button is clicked.

(4.41) Added option to enable/disable 32-bit CRC for ZMODEM transfers.

(4.41) You can now display an unlimited number printers in the printer selection dialog. Previously, this has been limited.

(4.41) When selecting 3270 model numbers, selecting Model 4 would give you Model 5. This has been corrected.

(4.41) Increased the number of transparent print printers allowed to six from three.

(4.40) UTF-8 Decoding. TinyTERM now supports decoding of UTF-8 characters received from a host and displaying them. Currently, these characters are converted to TCS characters before displaying. The checkbox to turn on this feature is at the bottom of the "Code Page" tab of Session Properties.

(4.40) VT420 Support was added. Previously, VT420 was supported by using VT320 and a special keymap. Now, VT420 is a first class terminal type.

(4.40 - CR 388, 539, 420) Linux console fixes to work with newer versions Linux being distributed. In addition, a new TPX file (linux.tpx) was added to the default install to mimic the default color scheme of the console.

(4.40 - CR 626) Support was added for the 5250 "newline" key.

(4.40) Fixes were made to the VT220 Multinational Codepages for Cyrillic and Greek.

(4.41 - CR 604) Added option to translate linefeeds to CR/LF pairs when using "Bypass Printer Driver"

(4.40 - CR 569) There is no longer a need to add a \ in LPD to specify a spooling directory.

Installation Enhancements

(4.53) TinyTERM now includes an MSI-based installer. This allows administrators to fully customize the parameters of the install for use in corporate-wide deployments. You can include licensing information, custom keyboard settings, pre-configured .tpx (configuration) files, and change nearly all default settings of the install.

These features are included as both a standard .exe install package, or a stand-alone .msi compatible with the maximum range of software management solutions.

The following bugs present in TinyTERM are fixed in version 4.52.3004. Included are enhancements not listed above.

(4.50 - CR 60) Ability to include custom keyboard.dat file on install has been improved with the inclusion of MSI support.

(4.50 - CR 261) Custom configuration files on install are now supported by the MSI installer

(4.50 - 278) MSI Installation support has been added, both as a .exe and .msi files.

(4.50 - 730) AUTOEXEC.NT error on install has been fixed by the new MSI installer. This was an artifact of the old 16-bit install technology.

(4.50 - 528) *An error occurred in the data move process -115* This occasional error has been fixed by the new installer.

Communications

(4.40) A number of new installation options useful for corporate or mass deployment of TinyTERM has been added to the installation program. Please see the top level document AutoInst.wri for more information on using these options.

(4.40) TinyTERM installation has been updated. There is only one install program now that contains all of the products. Product selection is done by selecting from a list at the start of install and providing the appropriate key or selecting a 30-day evaluation.

(4.40) The CD has been updated to remove all old installation mechanisms and make it easier to view the contents.

(4.40) All of the TinyTERM documentation that is currently installed with the product is now available on the top level of the CD under the "documentation folder."

(4.40 - CR 611) tsl_atobjaddarray now properly adds the supplied array to listboxes.

(4.40 - CR 525) te.GetSelection is now supported when using the TN3270 emulator. The retrieved values are in ASCII, not EBCDIC.

(4.41) Updated licensing DLL to fix a problem with certain versions of Windows 95. This should correct all errors where TinyTERM could not be properly licensed.

The following bugs present in TinyTERM are fixed in version 4.52.3004. Included are enhancements not listed above.

Terminal Emulation Fixes and Enhancements

(4.31) VT100 emulation displays and deletes correctly when using vi. Wyse50 refreshes the screen correctly. Wyse60 switches between screen pages. Text graphics display capability has been added to TVI925.

(4.32) TN3270 connections now default to TN3270-E. The ability to set the LU name has been added. Just type it into the Terminal Type field on the Settings dialog just below the emulation type.

(4.32) Polish code pages are now supported in TN3270 mode.

(4.33) TN5250 connections now default to TN5250-E. New for this release is the ability to enter a device name for your connection. Just enter it in the Terminal Type field on the Settings dialog just below the emulation type.

(4.33 - CR 9) Print screen capabilities for TN3270 and TN5250 now use the display font for printing.

(4.33 - CR 114) TN5250/TN3270 Backtab functionality now works in the keyboard mapper.

(4.33 - CR 387) Binary capture converting LF to CR/LF has been fixed.

(4.33 - CR 592) Printers with names greater than 31 characters can now be selected and used within TinyTERM.

(4.33 - CR 583) Windows default printers can now be used without using "File | Printer Setup first."

(4.33 - CR 487) WRU Answerback can now be any type of string. Previously, it was only permitting strings it thought were numbers to be in the 0-999 range. This can now be set to any value.

(4.33 - CR 560) "Page setup every print" can now be turned off when "Bypass printer driver is set"

(4.33 - CR 589) Support for Basis BBX licensing scheme added. Multiple sessions now count as only one login against your license count, as long as they come from the same machine.

(4.33 - CR 613) Scrollback buffer can now be set to any number of lines, subject only to memory limitations.

(4.33 - CR 614) Mouse copy/paste no longer puts in extra CR/LF's.

(4.33 - CR 545) CenLPDStatus Runtime error has been removed. Caused by a startup sequence error when the service process is launched.

(4.33 - CR 547) Copy selection now works in 132 column mode. This usually manifested itself as copying the wrong region of the screen, shifting the effective selection to the left a number of characters.

(4.33 - CR 577) Uninstallation information for CenLPD added to the quickstart guide.

(4.33) The Pause/Break Key now is mappable within the 3270 emulator.

(4.33) The default keymap has changed for 3270 and 5250, making it more standard. Major changes include all of the PF keys mapped (1-24), CLEAR mapped to the Pause/Break key, and ENTER mapped to the keypad enter key, copy and paste mapped to CTRL-C/V.

(4.33) Highlighting for copy/paste operations in 3270/5250 was changed to a block style rather than the old line-based style.

(4.33) A bug in the WRITE_STRUCTURED_FIELD command of 3270 that caused terminal window's size to be reported incorrectly to the host was fixed. This would result in screens where all the text was progressively shifted right.

(4.33) CLEAR function now works in 3270 in all cases.

(4.33) 3270 Unformatted fields now work correctly even if there is another input field on the same screen.

(4.33) 3270 Unformatted fields will no longer send NULLS in place of "blank" screen locations.

(4.33) Added support for clicking on fields in 3270 mode to move the cursor to that location.

(4.33) Added lots of optional 3270 analysis code that allows easy reporting of problems with the 3270 emulator.
 (4.33) Enhanced 3270-E functionality. It will now disable TN3270-E by default if the Terminal Type field is blank. Good for hosts that reject TN3270-E connections.
 (4.33) The page setup dialog no longer appears when doing a binary capture in 3270 mode.
 (4.33) 3270/5250 Now both support a right-click context menu that allows you to copy and paste.
 (4.33) 3270 Pasting is now done in a more consistent fashion. Blocks of text are pasted together as one unit, instead of line by line.
 (4.33) VT-420 compatible keymap has been added. Using this with the VT-320 emulation enables use with vast majority of VT-420 terminals.
 (4.33) New Russian keymaps and code pages.
 (4.33) New Turkish keymaps and code pages.
 (4.33) CenturyFTP Plus has been updated with a new front-end client.
 (4.33) Support for device naming in 5250 was added. This is entered in the Terminal Type field of the main connection dialog.
 (4.33 - CR 603) fread can now read buffers in excess of 256 bytes. This was changed by pushing the maximum length of dynamically allocated strings to 8192 characters (the new limit for fread block sizes.)
 (4.33 - CR 578) te.GetSelection(0,0,0,0) now functions properly. This was broken with an incorrect fix to highlighting in 4.3.
 (4.31) SSH now allows the user to force an SSH2 connection, rather than auto-selecting SSH1 or SSH2. The username and password are not saved when using SSH.

LPD Issues
 (4.31) The user can now choose not to install LPD on Windows NT 4.0, 2000 or XP. Timing has been improved so that when print jobs are sent to multiple printers, print jobs are not lost.
 (4.33) During an uninstall/reinstall situation, the LPD process is properly terminated so no install errors occur.
 (4.33) Startup of the cenlpdstatus monitor program is delayed until the CenLPD service is started.

Installation Issues
 (4.33 - CR 571) TinyTERM Web Server Edition demo now has correct serial numbers for evaluation.

Outfirst.cs sample script
 The script_shutdown() and script_disconnect() events have been fixed so that the outfirst.cs sample script runs correctly.

Known Problems

Installation

Century Software recommends you uninstall previous versions of the TinyTERM emulator before installing TinyTERM 4.61. Security problems when running in a Web browser may result, allowing users to access systems other than those configured. However, it is possible to install the TinyTERM 4.61 emulator over TinyTERM 4.00 or higher. If this is done, the existing program group and icons will not be removed. Users may remove them manually.

LPD Configuration

After setting up LPD access in the Century Internet Services on Windows 95, 98 or ME, clicking the "Apply" button may cause the process to hang. You can close the process by typing CTRL+ALT+DEL to bring up the Close Program menu. Once closed, configuration of LPD is complete and the PC can be rebooted. Access rights will not need to be set again.

Background Image and Reverse Text

When a background image is selected, all background color changes are disabled. Foreground colors are not affected. This is by design, to prevent the background image from changing colors.

If a background image is centered in the emulator, but does not fill the window, the remaining space is filled with the selected background color. This will cause text with the REVERSE attribute to be unreadable in the filled area, as though it had "disappeared" into the background.

Long TPX Entries

Attempting to save a .tpx file entry over 512 characters long will cause the entry to be written as key name without a value.

Web-to-Host

Currently Century supports only MS Internet Explorer 3.02 or higher and Netscape 4.0x.

Internet Explorer 4: the TinyTERM emulator may eventually freeze or refuse to update the screen, or the buttons may stop responding. This will happen with multiple sessions open in a single instance of IE4 and usually requires several changes between the sessions. This is caused by an unreported bug in IE 4.0. Its OLE container AddRef() and Release() calls are not balanced. The problem does not occur with other browsers.

Windows 95 using Internet Explorer 5: Using the File/Open command to load a .tpx file will not open it in the browser. Instead, the TinyTERM emulator will launch as a helper application. This is due to the design of Internet Explorer 5, which will not open documents in place on Windows 95.

Windows NT using Netscape v4.08: If Netscape is not running TinyTERM Plus Edition cannot be started (in-place active) by typing [telnet://](#) or [login://](#) at the Start|Run dialog. If Netscape is running TinyTERM Plus Edition opens as desired from the Start|Run dialog.

Microsoft Office Integration

When TinyTERM is installed on a Windows 95 or Windows 98 system which also has Microsoft Office 97 or higher installed, PowerPoint will no longer be able to create an organizational chart. Instead, an error message similar to "ORGCHART caused a general protection fault in GDI.EXE" will appear. This is caused by installation of the TinyTERM font TERMALL.FON. Removing this font will allow creation of organizational charts without adversely affecting TinyTERM. This fixes a similar problem with NetMeeting as well.

In-place activation in a compound document such as Word 97 is not fully supported.

Suspend Mode

Suspend mode on Windows 95 and Windows 98 PCs will cause TinyTERM to lose connection. Sometimes TinyTERM will also stop responding to the system in this situation. Disabling suspend mode on PCs that have TinyTERM installed will prevent this.

Ribbon Bar/Address Bar

You may select a large or a small ribbon bar but cannot edit functions appearing on the ribbon bar. The ribbon bar cannot be used as a floating or docking tool bar. When doing more than one file transfer at a time the chance of inducing an error increases.

If a multi-session instance of TinyTERM has one or more read-only TPX files open, and something in a session has changed, you will be prompted with the "apply to all sessions" dialog box for each read-only TPX file, even if you've previously responded to that dialog.

Also, the "Save As" dialog box asks if you want to overwrite the file, even if it is a read-only TPX file. Hitting "Yes" brings the "Save As" dialog back. This will happen until you choose a file that is not read-only.

In Session Properties, the TE3270 Attributes list BLINK. This is an attribute *name*, not a specification. It refers to fields that the host tags with a BLINK attribute. It does not blink by default.

Enabling Extended Attributes can cause TinyTERM to hang when connecting to an IBM host that does not support extended attributes. One way to tell if the host supports extended attributes is the terminal type displayed on some 3270 screens. If it has "-E" appended to the terminal type, the host has extended attribute support.

Web-to-Host without a Hostname

The TinyTERM emulator can be opened inside a Web browser by typing "telnet://" into the browser's address bar. If "Exit on last connection close" is then set in that session, and the session is manually disconnected later (by clicking the "Disconnect" button, for example), the session timer will continue to run. This is a display problem only. The session is disconnected.

Multiple TinyTERM Installs and Web-to-Host

Under certain conditions the TinyTERM 4.52 emulator halts when run in a web browser. The web browser appears to be frozen. If run in Internet Explorer 4.x with IE in "active desktop" mode, the entire machine may appear frozen.

This will happen when more than one edition of the TinyTERM 4.52 emulator is installed on the machine, and each install is in a different directory. This may cause the TinyTERM emulator to attempt to locate resources for a previously installed edition, which will fail if all versions of the TinyTERM 4.52 emulator are not installed in the same directory.

For example if the machine has TinyTERM Plus Edition installed in

C:\Program Files\Century\TinyTERM Plus

and TinyTERM Thin Client Edition was later installed in

C:\Program Files\Century\TinyTERM Thin Client

the TinyTERM process that is run in the web browser (tt.exe) will attempt to locate TinyTERM Plus Edition resources in the TinyTERM Thin Client Edition install directory. This will fail, and TinyTERM will need to be manually shut down.

This behavior is by design. Multiple installed editions of the TinyTERM emulator are supported only when they are all installed in the same directory. The TinyTERM Web Server Client is not supported when installed with any other edition of the TinyTERM emulator.

To prevent this situation, uninstall all editions of the TinyTERM emulator, then reinstall the edition you wish to run. If you wish to run multiple editions of the TinyTERM 4.52 emulator, for example TinyTERM Plus and TinyTERM Thin Client, install them to the same directory.

To recover from a browser halt caused by this situation, shut down the web browser. If the browser or the mouse appears to be frozen, bring up the Close Program dialog box. (In Windows 95 or 98, press CTRL+ALT+DEL. In Windows NT, press CTRL+ALT+DEL, then select Task Manager and go to the **Process** tab.) Shut down all the "tt" processes: highlight each tt (95/98) or tt.exe (NT) and click **End Process**. (The operating system may present a dialog window saying the process is not responding. In that case, click **End Task**.) Give the operating system a few seconds to shut down the processes and then close the browser.

The graphical FTP client included in TinyTERM Plus Edition will display directories on some FTP servers as empty. This happens when the server uses a different directory item structure than the client's default. The following steps will change the default:

1. Open the FTP Client. It displays the configuration dialog automatically.
2. Click the View/Sort tab.
3. Set the Directory Item Structure value by clicking the Set Default button.
4. Edit the Directory Item Structure value for the required format.

The required format may be found by connecting to the FTP server using a command-line client, such as those included in Windows 95, Windows 98 and Windows NT. After connecting, type "dir" at the prompt for a directory item listing. The default format used by the graphical FTP client is:
-rwxrw-rw- 1 owner group 32 May 19 21:35 file.txt

This corresponds to Directory Item Structure:

Compare the listing on the FTP server with the listing above and remove any directory items not displayed.

You can uninstall the TinyTERM Plus Edition emulator by using the Add/Remove Program control panel. Other methods (deleting directories or files, for example) can cause system instabilities or problems with future installation of this product. The uninstall program is based on a log file created during installation. The uninstall program will not remove any files currently in use or files manually moved or altered after the original installation.

Technical Support

To reach Century Software's Technical Support do one of the following:

Visit Technical Support on-line at <http://www.censoft.com/support/>

Send e-mail to support@censoft.com

Call (801) 268-3088 during the hours of 8:00 a.m. to 5:00 p.m. Mountain time.

Fax support at (801) 268-2772.

Century is very pleased to be able to release this improved version of TinyTERM Plus Edition. We request that you use this new product as extensively as possible and share your valuable feedback with us.

Please direct all of your feedback to feedback@censoft.com. Please use "TinyTERM Plus Edition Feedback" in the subject line of your e-mail. After receiving your feedback we may contact you for additional information and request that you e-mail back to us specific debug information.

Technical Support Manager

Century Software