Windows 7 PowerTerm ver9.2 and TBE

Installation and Configuration

This guide is a full install of Ericom's PowerTerm version 9.2 on the Windows 7 and operating system for use on a Computer Insights, Inc. server. All files can be found on our website at <u>www.ci-inc.com/downloads</u>, under the Text User Interface (TUI) section. If you're comfortable with installing and configuring PowerTerm, download the "PowerTerm for Windows 7 – Config Files" unpacker. This is a packed copy of the PowerTerm configurations from Computer Insights, Inc.

For typical installation and setup, see "Full Installation".

Copy Configuration – For use with PTWin7Config.exe

Note: These files will not reflect your specific hostname, preferences, or settings. Additional setup may be required.

- 1. Install PowerTerm 9.2 and run the application. Click "Close" and then "**Save..**" This will save the ptdef file and other config files.
- 2. Download and unpack the PTwin7config in a new folder called "PT" on your desktop. The file can be found here.

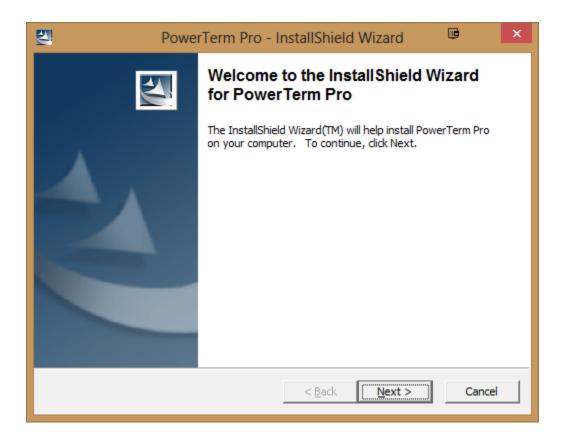
http://www.ci-inc.com/files/powerterm/PTWin7Config.exe

Note: The file may get blocked by your browser or your anti-virus programs.

- 3. Copy the contents of the unpacked folder into "My Documents". If prompted, choose "Copy and Replace".
- 4. Run PowerTerm Pro 9.2. In the terminal setup, replace the Host Name ip address with your own server's ip address.
- 5. Change "Port Number" to 22.
- 6. Click Add Session (to the left of the red 'X") Click "Apply". Click "Ok".
- 7. **Save this configuration as the default configuration.** File "Save as". Select ptdef file in "My Documents" folder. Click "Save". If prompted click "Yes" to replace the original.
- 8. Re-open PowerTerm. The settings should have updated and you should be prompted for your login and password.

Full Installation

Download PowerTerm for Windows 7 software link found at <u>www.ci-inc.com/downloads</u>. After the file downloads, find the saved file on your computer (filename is Ptprose.exe) Right Click on the file and "Run as administrator".



Click "Next".

2	PowerTerm Pro - InstallShield Wizard	•	×
L	ocation to Save Files Where would you like to save your files?		
	Please enter the folder where you want these files saved. If the folde exist, it will be created for you. To continue, dick Next.	er does not	
	Save files in folder:		
	C:\Users\Sample\AppData\Local\Temp\PowerTerm Pro		
	,	Change	
Instal	Shield <u>< B</u> ack <u>N</u> ext >	Canc	el

Click "Next".



Click Evaluate



Click "Next".

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	Select Product	I	×
	Select product and subproduct: Product PowerTerm Pro		
Pro Series	SubProduct For UNIX		•
	Description Select wich product you want to install; th button	nen click the Next	
	< <u>B</u> ack <u>N</u> ext >	Cancel	

Select "For UNIX" as the SubProduct and click "Next".

	S	Setup Type	li ×
	Please bear in	of Setup you prefer, then click Nex mind that installing VBA with Powe to of the computer after installation.	
PowerTerm Pro Series	G Single User Installation	This is to be used for normal inst It will install PowerTerm on your choose.	
	C Administrator Installation	Administrator Setup - For Installa used over the Network to install machines.	
		< <u>B</u> ack <u>N</u> ex	t> Cancel

Select "Single User Installation" and click "Next".



Choose the Default FilePath by clicking "Next".

	Select Program Folder	li ×
	Setup will add program icons to the Prog You may type a new folder name, or sele Folders list. Click Next to continue.	
PowerTerm Pro Series	<u>P</u> rogram Folders: PowerTerm Pro Existing Folders:	
	Accessibility Accessories Administrative Tools BitComet (64-bit) Classic Shell Digsby DisplayFusion E vernote Google Chrome	^
	< <u>B</u> ack <u>N</u> ext	t> Cancel

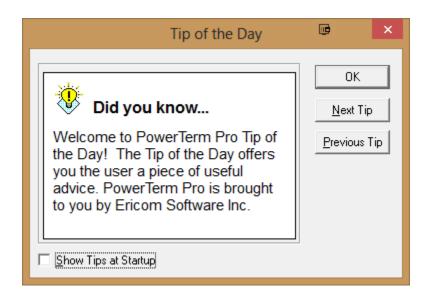
Click "Next".

	Use	r Information	•	×
	Please Fill Ir First Name:	All The Fields Below		-
PowerTerm	Last Name:	·		
Pro Series	Company:	Sample Bolt and Nut		
	Serial # :	Evaluation		
	Tel #:	ŀ		
N	E-mail:	ŀ		
		< <u>B</u> ack <u>N</u> ext >	Cancel	

Enter your company name in the "Company" field. The other 4 fields should be a hyphen or "-". Serial # cannot be changed here.

Thank You For Evaluating PowerTerm Pro 🔎 💌					
View read me file					
PowerTerm Pro Series	5	Place an Icon on the Desktop			
		Exit & Launch On-line Registration(Requires a Web-Browser & Internet Access)			
		Exit & Launch PowerTerm Pro			
		< Back Finish			

After the Installer completes, select "Place an Icon on the Desktop". Then click "Exit & Launch PowerTerm Pro"



You can uncheck Show Tips at Startup and select "OK"

Configuration

When you first run PowerTerm it will ask you to setup the emulator program for first use. Settings can be altered at anytime. Make sure you save when you're done.

		Connect			×
Emulation					
VT ANSI	Emulation Type:	Teminal ID:			
SCO ANSI	Connection Session Type: TELNET COM	Host Name: 192.168.1.100	Terminal Name:		
BBS ANSI	LAT CTERM BAPI RLOGIN TAPI SUPER LAT	Set Window Size Port Number: 23	Keep Alive Timeout:	0	
	Sessions List: TELNET (192.168	<u>*</u>	S <u>o</u> ript File:		
AT386			<u>S</u> etup File:		
ASCII General			,		
Connect	Close Cancel	Apply < <s< td=""><td>etup</td><td></td><td></td></s<>	etup		

Select "ANSI" followed by "SCO ANSI" in the Emulation Type on the left. Consult your administrator for the Host Name Field, which is the IP Address of your company's server. Save your default session by clicking on the New File Icon to the left of the red "X". Click "Apply" followed by "<<Setup".

	Connect		×
Emulation General Display Keyboard Printer	Preferences		
None UPS Set: Code Page 851 8 bit Controls: Ox9B Enabled	✓ On-line ✓ New Line ✓ Use 8 Bit Data Characters ✓ User Defined Keys Locked Cursor coupling ✓ Vertical ✓ Page	CR->CRLF	
⊆ursor Keys Keypad Image: Normal Image: Numeric Image: Application Image: Numlock	Status Line None Indicator Host Writable	☐ Labels Line	
Connect Close Cancel	Apply >>Setup	Defaults Defaults	Ali

Following the Emulation Tab, at the top, is the General Tab. Change the UPS Set to "Code Page 851"

	Connect	[ت ×	
Emulation General Display Keyboard Pri	inter Preferences			
General	Cursor	Power GUI		
🗖 Unscaled Screen	✓ Blinks	Power <u>G</u> UI		
History Scroll Bar	✓ Visible	Show <u>Frame</u>		
Reverse Dis <u>p</u> lay Colors	Ins Change	Button Attributes:		
Autowrap Characters	Block	🗖 Blin <u>k</u> 🗖 Ur	nderline	
Dimensions	C Underline	□ <u>R</u> everse	old	
Colu <u>m</u> ns:		Edit Attributes:		
80 💌	Blink Rate:	🗖 Blink 🔽 U <u>r</u>	nderline	
Lines Per Screen:	5 • (1/10 Sec.)	🗖 Reverse 🕅 Bo	ol <u>d</u>	
25 Limit Font Size	Cursor Rul <u>e</u> r			
	Crosshair	Enable Soft Fonts		
Scrolling	C Horizontal	Ctrl Characters		
Jump Scroll Speed:	C Vertical	Interpret		
Unlimite Jump C Smooth	☐ Visible	C Display		
Connect Close C	ancel Apply	>>Setup Defaults	Defaults All]

The Display tab should be configured according to these settings. Check for "Lines Per Screen" and "Enable Soft Fonts"

Connect	D	×
Emulation General Display Keyboard Printer Preferences Backspace Keyboard Capslock Mode: Reverse (Win) Always On Backspace Sound Local Local Use Emulator At Keys Auto Repeat Numpad Decimal Numpad Decimal Numpad Decimal Numpad		
Answerback Message:		
PowerTerm Auto Answerback Clear Conceal		
Connect Close Cancel Apply >>Setup Defaults	Defau	lts All

By default, the Keyboard tab shouldn't need changing.

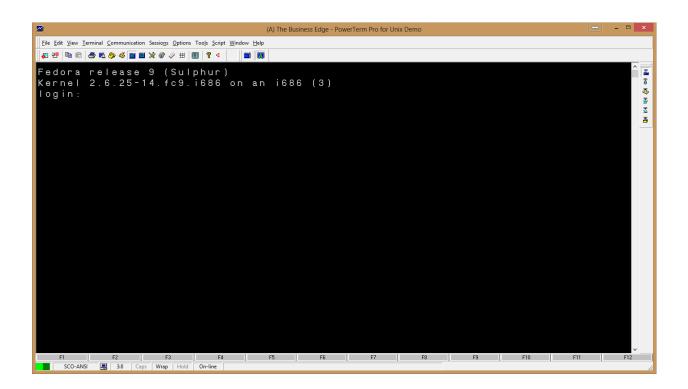
	Connect	I	×
Emulation General Display Keyb	oard Printer Preferences ✓ Use Form Feed ✓ Print Line Graphics as Text		
Device Device <u>N</u> ame [pt1 Eile Creation Append © Overwrite	Data Conversion Type Print Screen: Graphics Slave Printer: None Slave Printer Job Delimiter: None Delay for Print Closing (Seconds)		
	Advanced Printing		
Connect Close	Cancel Apply >>Setup Defa	aults Defaults	Ali

By default, the Printer tab shouldn't need changing.

	Terminal Setup	I	×
Emulation General Display Keyboard Printer On PowerTerm Statt Auto Connect Show Connect Dialog Boxi Do not Connect On Session Exit Auto Reconnect Auto Exit PowerTerm History Buffer Size 5000K (5.0MB)	Preferences On PowerTerm Exit ✓ Save Terminal Setup Confirm Save: ④ Yes No ✓ Save Window Size & Position □ Confirm Disconnect Session Inactivity Timeout (Minutes): ④ Window Title The Business Edge		
	OK Cancel Ap	pply Defau	ts

In the preferences tab select "Auto Connect" a "5000k" History Buffer Size and "Save Window Size & Position". If you have disconnect issues you should change the Inactivity Timeout to something other than 0.

Click "Apply" and then "Connect".



IMPORTANT

You should see something similar to this. At this point, you should "File >> Save". Leave the default folder and Filename. Click "Save". This will save the configuration as the default emulator. Double-Clicking on the new PowerTerm Icon on your Desktop should auto-connect you to the Host you setup at the beginning of this example.

퉬 Custom Office Templates	3/5/2013 5:43 PM	File folder	
퉬 My PowerTerm	3/5/2013 9:16 PM	File folder	
ptdef.ptc	3/5/2013 8:55 PM	PTC File	1 KB
ptdef.ptk	3/5/2013 8:55 PM	PTK File	1 KB
ptdef.ptp	3/5/2013 8:55 PM	PTP File	2 KB
ptdef.ptr	3/5/2013 8:55 PM	PTR File	1 KB
🚄 ptdef	3/5/2013 8:55 PM	PTPro Document	10 KB
🛋 ptdef	3/5/2013 8:55 PM	PTX File	1 KB

The configuration files will be saved in your "My Documents" folder on your hard drive.

Note: These files can be erased.

Note: The "My PowerTerm" folder stores your optionally configured settings and scripts. For more information, see below.

Scripted Functions and Optional settings

Scripted Functions

Certain actions are not native to the UNIX emulation environment and must be scripted in. We have prepared scripts for mouse functionality and the use of excel, among other things. You can enable this by downloading the scripts from our website at <u>www.ci-inc.com/downloads</u>.

Text User Interface (TUI)		
PowerTerm for Windows 95	Download	View Documentation
PowerTerm for Windows 98/2000/XP/Vista	<u>Download</u>	View Documentation
PowerTerm for Windows 7	Download	View Documentation
PowerTerm for Windows 7 – Config Files	<u>Download</u>	
PowerTerm Enterprise	Download	View Documentation
PowerTerm InterConnect for Mac OS X*	<u>Download</u>	View Documentation
PowerTerm Scripts		
tbe.psl	Download	
TBEm-on.psl	<u>Download</u>	
TBEm-off.psl	Download	
TBEscan.psl	<u>Download</u>	
tbe_script.rb - Mac Only**	<u>Download</u>	

* Not officially supported by Computer Insights, Inc.

**You can auto-mount a share by dragging the mounted volume to your "Login Items" in User Accounts in Preferences.

You will need the first 4 files here. (If your operating system is a mac you will need the file"tbe_script.rb")

Note: Due to the file extensions types of these files you will need to right click and "Save Link As"

Place these in a folder on your desktop. Copy and paste all four files in the default "My PowerTerm" folder on your computer. Typically, the folder is found here.

C:\Users\<YourUserName>\Documents\My PowerTerm

퉬 Certificates	3/5/2013 8:23 PM	File folder	
📰 modems	7/19/2010 11:40 AM	Configuration sett	25 KB
PTCOMM	3/5/2013 8:39 PM	Configuration sett	1 KB
tbe.psl	3/5/2013 9:15 PM	PSL File	1 KB
TBEm-off.psl	3/5/2013 9:15 PM	PSL File	1 KB
TBEm-on.psl	3/5/2013 9:15 PM	PSL File	1 KB
TBEscan.psl	3/5/2013 9:15 PM	PSL File	1 KB

The folder should look like this when you're done.

Excel

The excel functionality may still not work correctly without logging into the file server share through Windows. To do this, click the windows "Start" icon in the bottom left or press the start key on your keyboard. In the search bar type <u>\\<IPAddressOfHost</u>>. This should prompt you to login to the server. You should use the username and password you would use to login to TBE.

If this doesn't fix excel functionality check with your system administrator or Computer Insights, Inc. There are a few flag inside of TBE to check located by F1 >> F3 >> F3 in "Enter and Edit User Flags – Powerterm Options". This menu should look the example where "sampleuser" would be the login of the person accessing the samba share

ENTER & EDIT USER FLAGS - PowerT		(ins)
Connect with PowerTerm?	Yes	
Excel Linux Directory Path	<pre>//usr/users/sampleuser/</pre>	
Excel Windows Directory Path	/sampleuser/	
Map Delete Key to	Delete One Character	
Grid Export Extension	<mark>E</mark> xcel	
Cancel Request	+	

In some cases you may need to edit your hosts file and add the name of your server with the corresponding Ip Address. If the previous step did not work, edit your "hosts" file.

**Before attempting this consult your system administrator or Computer Insights, Inc. staff.

Search for Notepad in the "Start Menu" via the windows search bar. Right-click and "Run as administrator". Open the hosts file by clicking "File >> Open..." and browsing to the C:\Windows\System32\Drivers\etc directory. Select "All Files" in the pull-down menu at the bottom right. Select the hosts file and click "Open".

New fold	ler			== -	
^	Name	Date modified	Туре	Size	
	hosts	7/25/2012 11:26 PM	File	1 KB	
ls	Imhosts.sam	7/26/2012 2:11 AM	SAM File	4 KB	
	networks	7/25/2012 11:26 PM	File	1 KB	
aces	protocol	7/25/2012 11:26 PM	File	2 KB	
	quotes	6/2/2012 8:34 AM	File	2 KB	
	services	7/25/2012 11:26 PM	File	18 KB	
ts					
(C:)					
~					

```
hosts - Notepad
File Edit Format View Help
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#
       102.54.94.97
                                                 # source server
                        rhino.acme.com
#
        38.25.63.10
                        x.acme.com
                                                 # x client host
# localhost name resolution is handled within DNS itself.
#
                        localhost
        127.0.0.1
#
                        localhost
        ::1
192.168.1.100
                        hostname
```

Your "Hostname" should be added to end of the list of hostnames with its corresponding ip address. Click "Save" before closing. The file type should remain null. The hosts file does not have a file extension.

Consult your system administrator or Computer Insights, Inc. staff if you have any difficulty

Optional Settings

Control-V and Paste

Optionally, you can map the control-V command for "paste". By default, you cannot paste into PowerTerm.

	Keyboard	I Mapping			×
SCO ANSI Keyboard	OK F5 F6 F7 F8 F9	Cancel	Defaults Print Scrol Pause	<u>H</u> elp	
<u>` 1 2 3 4 5 6</u> Тар Q H E R T Сарѕ A S D F 6		= <x]< td=""><td>Ins Home PgUp Del End PgDn</td><td>/ * KP7 KP8 KP9 KP4 KP5 KP6</td><td>+</td></x]<>	Ins Home PgUp Del End PgDn	/ * KP7 KP8 KP9 KP4 KP5 KP6	+
	B N M , . / Space Alt	Shift Ctrl	↑ + ↓ →	KP1 KP2 KP3	Enter
	F5 F6 F7 F8 F9	F10 F11 F12	Print Hold	ode: Reverse (\	√in)
` 1 2 3 4 5 6 Tab q w e r t Caps a s d f g	7890- yviop[hjkl;	= <x]< td=""><td>Ins Home PgUp Del End PgDn</td><td>Num / * Home ↑ PgUp ← →</td><td>+</td></x]<>	Ins Home PgUp Del End PgDn	Num / * Home ↑ PgUp ← →	+
Ctrl Alt	space Alt	Shift Ctrl	↑ ← ↓ →	End + PgDn Ins Del	Enter
Terminal key	PC key				

Options > Keyboard Map.. Will allow you to map any command to any key(s). Using the PC Keyboard – English half of this screen first click "Ctrl" and then right click ^V. When the menu pops up select "Enter Script Commands..".

PC Butten ×			
Enter Script Commands			
activate-menu-item paste			
OK Cancel			

Enter "activate-menu-item paste" into this field and click "OK". Click "OK" again.

ANSI Color

Color is also, by default, off in SCO ANSI emulation.

	Colors	
Sample	Enable Underline Attribute & ANSI Color: ANSI 8 Color Mode	 Enable <u>B</u>link Show BMP Color Frame
Select Attribute Normal Blink Reverse Reverse Blink Underline Blink Underline Reverse Underline Reverse Blink Bold Bold Blink Bold Reverse	Text	Background
ОК	Cancel <u>D</u> efaults	

"Terminal" >> "Colors..." will bring your to this configuration menu.

Select "Attribute & ANSI Colors" in the dropdown. There are many different ways to configure the color. For this example we will only use two colors and two attributes.

Select the "Normal" attribute from the menu on the left. According to our Configuration, the Text will be Cyan and the Background will be Dark Blue.

	Colors	ē	×
Sample	 ✓ Enable Underline Attribute & ANSI Color: ✓ ✓ ANSI 8 Color Mode 	 Enable Blink Show BMP Color Frame 	
Select Attribute Normal Blink Reverse Reverse Blink Underline Blink Underline Reverse Underline Reverse Blink Bold Bold Blink Bold Reverse	Text Image: Cancel	Background	

Select the "Reverse" attribute from the menu on the left. In this case, we have it set to be the opposite of the normal colors.