

Windows 10/11 PowerTerm ver15.2 and TBE Installation and Configuration

This guide is a full install of Ericom's PowerTerm version 15.2 on the Windows 10/11 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 10/11 – Config Files" unpacker. This is a packed copy of the PowerTerm configurations from Computer Insights, Inc.

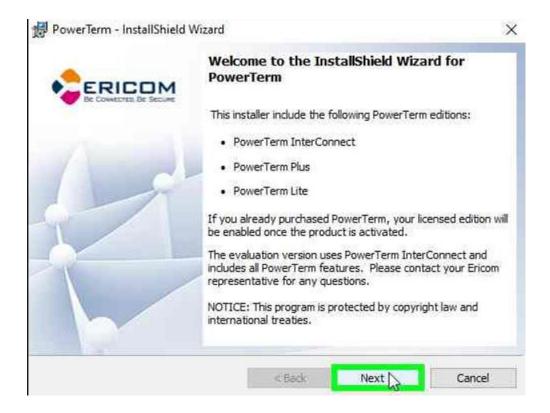
For typical installation and setup, see "Full Installation".

Full Installation

Download PowerTerm 15.2 for Windows 10/11 software link found at <u>www.ci-inc.com/downloads</u>. After the file downloads, find the saved file on your computer (filename is ptwd32e.exe) Right Click on the file and "Run as administrator".







Click "Next".

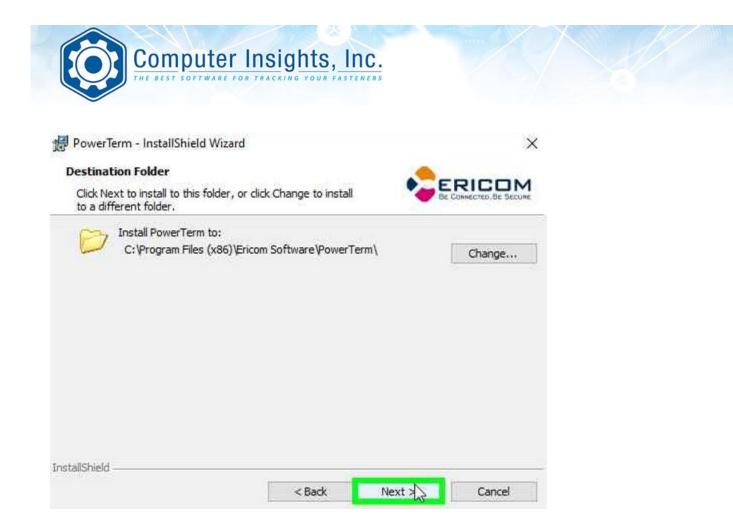




User left click on "I accept the terms in the license agreement (radio button) and Click Next"

PowerTerm - Insta		
Please fill in all requ	red fields	
Company:		*Required
User Name:	ups00	
Serial Number:	Evaluation	*Required
stallShield		

User keyboard input on "Company: (edit) and Click Next"

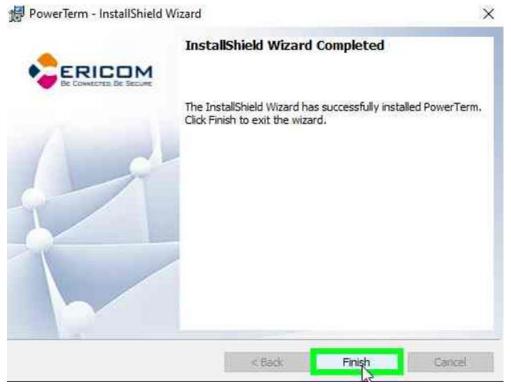


Choose default install to folder and Click "Next"



PowerTerm - InstallShield Wizard			×
Ready to Install the Program			
The wizard is ready to begin installat	ion.		ERICOM E CONNECTED, BE SECUME
Click Install to begin the installation.			
If you want to review or change any exit the wizard.	of your installation s	ettings, click Back.	Click Cancel to
nstallShield			
1503130820			
	< Back	Instal	Cancel

User left click on "Install (button)"



Page 5



User left click on "Finish (button)"

N4.2	OK
😻 Did you know	<u>N</u> ext Tip
Welcome to PowerTerm Pro Tip of the Day! The Tip of the Day offers you the user a piece of useful advice. PowerTerm Pro is brought to you by Ericom Software Inc.	<u>P</u> revious Tip

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.

Session	Туре	Parame	NW 655		
TELNE	T	Host N	lame	Termina	al Name
COM		192.1	68.50.191		
LAT CTERN BAPI RLOGI TAPI SUPEF	N	Port No	t Window Size umber	— Кеер А	live Timeout 0
Termina	-		Security		
Туре	VT 420-7		Type: None		Details>>
ID	VT 420-7 VT 420-8	^		<u> </u>	Dendite 79
Upon C	AT FOF 7				
Script Fi	3270 Display 3270 Printer				
Setup F	5250 Display 5250 Printer				<u></u>
Session	000 440			115	
1200000	AIXTERM			_	Connect

Select "ANSI" followed by "SCO ANSI" in the Emulation Type on the left.

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THE BEST SOFTWARE FOR TRACKING YOUR FASTENERS

Session Type	Parameters	
TELNET	Host Name	Terminal Name
COM	192.168.50.191	
LAT CTERM BAPI RLOGIN TAPI SUPER LAT	✓ Set Window Size Port Number 23	Keep Alive Timeout
Terminal	Security	
Type SCO-ANSI		
ID ANSI	Type: None	▼ Details>>
VALS TREAMENT		
Upon Connection Run – Script File Setup File		
Sessions List		
TELNET (192.168.50.1	91)	Connect
2		Save As
		Rename
		Modify
		Delete

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".



VT Terminals	- IBM Terminals		ASCII Terminals
C VT 52	C 3270 Display	C 5250 Display	C WYSE 50
C VT 100	G 3270 Printer	C 5250 Printer	C WYSE 50+
C VT 220-7	1		C WYSE 60
C VT 220-8	General Terminals	ANSI Terminals	C TVI 910+
C VT 320-7	C TANDEM	SCO-ANSI	C TVI 920
C VT 320-8	C HP 700	MS BBS-ANSI	C TVI 925
C VT 420-7	C DG	C AT386	C TVI 950
C VT 420-8	C SIEMENS C IBM 3151	C AIXTERM	C TVI 955
C VT 525-7	i i i i i i i i i i i i i i i i i i i	CXTERM	C ADDS VP A2
C VT 525-8		WYSE 370 WYSE 370	C HZ 1500

Verify that "SCO ANSI" is selected in the "ANSI terminals"

Terminal ID	ANSI	÷	🔽 Online	
NRCSet	None	Ψ	∏ New L	ine 🗆 CR->CRLF
UPS Set	Code Page 437	-	₩ Use 8	Bit Data Characters
8 bit Controls	Code Page 775 Code Page 808 Code Page 848	^	🗐 User [Defined Keys Locked
Cursor Keys-	Code Page 850 Code Page 851	sor	coupling	- Status Line
r Normal	Code Page 852	Ve	rtical	None
 Application 	Lode Page 800	Pa	ge	

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



General Reverse Display Colors Unscaled Screen	Cursor Ruler Crosshair Horizontal Vertical Visible	Cursor	Ctrl Characters Interpret
Autowrap Characters History Scroll Bar			Power GUI
Dimensions • 80 Columns Lines • 132 Columns 25	Per Screen	· Smooth	np Scroll Speed nlimited 💽
C Other	mit Font Size	✓ Enable Soft For	nts

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

Capslock Mode	Reverse (V	∕in) 💌	T Always On	
Sound				
Numpad D	— ecimal Sends (Comma 🗔	Use Emulator A	lt Keys
🔽 Auto Repe	at	Г	Local Echo	
T Backspace	Key Sends D	elete 🔽	Use VT Keyboa	rd Mode
Answerback Me	essage Pov	verTerm		
T Auto Answe	erback	Clear	Conceal	1

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



Print Manager	Vise Form Feed
Device Device Name	Print Screen Data Conversion Graphic
[ipt]	Slave Printer Data Conversion None
File Creation C Append C Overwrite	Slave Printer Job Delimiter None
	Delay for Print Closing (Seconds) 0

By default, the Printer tab uncheck form feed.

On Terminal Setup File Open	On PowerTerm Exit Save Terminal Setup Confirm Save Save Window Size and Positi
Window Title	I Confirm Disconnect Session Inactivity Timeout (Minutes) 0
History Buffer History Buffer Size	On Session Exit

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



Click "Apply" and then "Connect".

		8.50.191) - P Commun					Help								
뫤	B 🖪	8 5	B (🚳 🔟	i 🔀	i #	۸	* 🔼	ļ						
Ke	rnel	L 4.1	15.	13-3	00.f	Ec27	.x86	64	on a	an x	86 (64 ((22)		
ci	net8	3 lo <u>g</u>	gin	:											

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.

Custom Office Templates	3/5/2013 5:43 PM	File folder	
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

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

* 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

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? Excel Linux Directory Path Excel Windows Directory Path Map Delete Key to Grid Export Extension	Yes /usr/users/sampleuser/ /sampleuser/ Delete One Character <mark>s</mark> xcel	
Cancel Request	+	l ok

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	er				
^	Name	Date modified	Туре	Size	
	hosts	7/25/2012 11:26 PM	File	1 KB	
s	Imhosts.sam	7/26/2012 2:11 AM	SAM File	4 KB	
	networks	7/25/2012 11:26 PM	File	1 KB	
ices	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	
s					
C:)					
~					



```
hosts - Notepad
   Edit Format View
File
                   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 rhino.acme.com
                                                 # source server
#
        38.25.63.10 x.acme.com
                                                # x client host
 localhost name resolution is handled within DNS itself.
#
#
        127.0.0.1
                       localhost
#
        ::1
                        localhost
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.

						Key	/boar	d N	lapping						1	1
SCO AN	ISI Key	board	I			OK			Cancel		<u>D</u> ef	aults		H	elp	
Esc	F1 F2	F3 F	F4	F5 F	6 F7	7 F8	F9	F1	0 F11 F12	Print	Scrol	Pause				
<u>`</u> 1	2 3	4	5 f	6 7	8	9 1	0 -	=	<x]< td=""><td>Ins</td><td>Home</td><td>PgUp</td><td></td><td>1</td><td>*</td><td>-</td></x]<>	Ins	Home	PgUp		1	*	-
Tab Q	WE	ER	T	Υl	JI	0	P	[] \	Del	End	PgDn	KP7	KP8	KP9	+
Caps i	AS	DF	- G	Н	J	K L	j	1	Retrn				KP4	KP5	KP6	
Shift	ZX	C	V	BN	M		. /		Shift		1		KP1	KP2	KP3	Ente
																310
Ctrl	Alt	Feel	ah ()	Space		taal	AI	t	Ctrl	+	+	→		PO		4/1-2)
PC Keyl			ish (l	United					Ctr1		apsl	ock M			1	₩in)
PC Keyl	board -	F3 F		United	l Stat		F9			C	apsl	ock M			1	₩in)
PC Keyl	board - F1 F2	F3 F	4	United	I Stat 6 F7 8	F8	F9	F10	3 F11 F12	C	apsl Hold Home	ock M	ode: f		rse ('	₩in) - +
PC Keyl Esc 1 `1 Tab q	board - F1 F2 2 3	F3 F	-4 5 6 t	United	I Stat 6 F7 8 i	F8	F9	F10) F11 F12	C Print Ins	apsl Hold Home	ock M PgUp	ode: F	leve	rse ('	
PC Keyl Esc 1 `1 Tab q	board - F1 F2 2 3 w e	F3 F 4 5 7 d f	-4 5 6 t	United F5 Fi 5 7 y u	I Stat 6 F7 8 i	F8 9 0	F9	F10	3 F11 F12 <x]] Retrn</x] 	C Print Ins	apsl Hold Home	ock M PgUp	ode: F Num Home	leve	rse (' * PgUp	+
PC Keyl Esc I ` 1 Tab q Caps a	board - F1 F2 2 3 w e a s	F3 F 4 5 2 r d f	-4 5 6 t	United F5 Fr 5 7 y u h	IStat 6 F7 8 1 i j m	F8 9 0	F9	F10) F11 F12 <x]] Retrn \</x] 	C Print Ins	apsi Hold Home End	ock M PgUp	ode: F Num Home End	leve	rse (\ * PgUp →	+

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..".

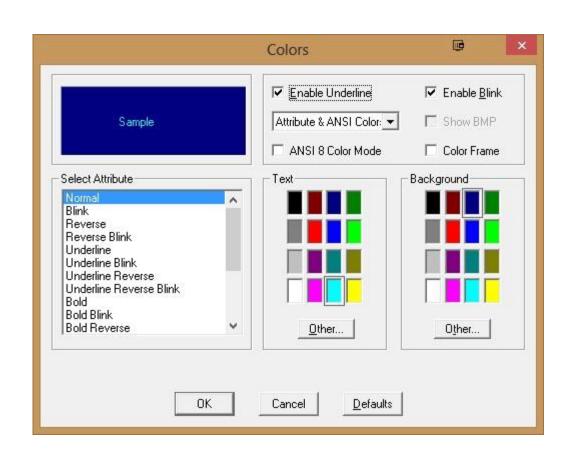
Enter Script Commands	PC E	Butten
activate-menu-item paste	Enter Script C	ommands
	activate-menu	u-item paste

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

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ANSI Color

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

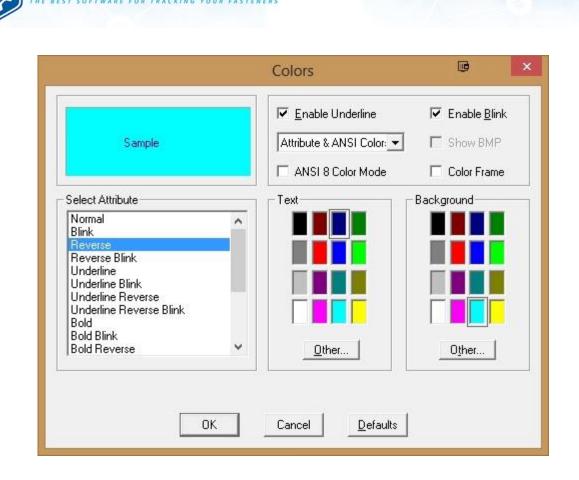


"Terminal" >> "Colors..." will bring your to this configuration menu.

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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.



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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.