

# TinyTERM Web Server

Browser Based Access to IBM and UNIX Hosts

## Overview

TinyTERM Web Server is software you can use to provide Web-to-host access to your UNIX and IBM hosts over the Web. Provide unlimited server-based access to legacy data and mission critical applications over the Internet through the convenience and power of familiar web browsers. With TinyTERM Web Server, your employees, customers, vendors, and partners—an unlimited number of users—can visit your web site, and start interacting with legacy information from your host. You decide what information they can access and how it appears on their screen.

## Configure Restricted Client Access from Your Server

With TinyTERM Web Server, you can install and deploy host access functionality for clients from a central location, eliminating the hassle and cost of large-scale deployment. Clients can get everything they need from your Web site or over your local intranet.

## Administer Host Access from a Central Location

All the clients accessing your legacy data use the parameters you set up. TinyTERM Web Server lets you set the keyboard maps, code pages, color mappings, background bitmaps, and more, which all the clients will access. And all TinyTERM session settings are contained in a single file on the Web server to make server-based administration of Web-to-host access convenient and easy to manage.

## Provide Controlled Access to Your Legacy Host through a Web-Browser Interface

With TinyTERM Web Server, you can share mission critical host information with remote employees, business partners, and customers all over the world, and you decide what information people can access and how the information appears. Through a Web-browser interface, TinyTERM allows controlled access to valuable host information that previously required a proprietary terminal. You get quicker access and a familiar interface.

## Customize Window Look-and-Feel with Complete Attribute Mapping

With TinyTERM Web Server, you have flexibility in mapping colors and attributes such as normal, reverse, bold, underline, blink, high and low bright, strike through, and double strike. You have complete control over how host data is displayed. For example, you can highlight important fields on the screen, making them easier to locate and read.

## Automate Functions with CScript

TinyTERM Web Server includes a powerful scripting language you can use for unlimited customizing possibilities. You can customize and automate host connectivity procedures, automate file transfers, create polling, log-in, log-out, and shutdown routines, and more. CScript is similar to JavaScript in functionality and syntax, so users familiar with JavaScript won't have any problems working with CScript.

## Superior Terminal Emulation

Organizations can rely on the support in TinyTERM Web Server accurately for legacy terminals, including IBM TN3270E, IBM TN5250E, DEC VT420, SCO ANSI and WYSE 60. TinyTERM Web Server's graphical keyboard and color remapper allows you to use TrueType scalable fonts onscreen. You can select screen colors and fonts and choose between 80- and 132-column mode for flexible display parameters or choose full-screen display.

## International Code Page Support

With TinyTERM, you have total code page flexibility. You can choose your keyboard code page, the transmit code page, and the receive code page configurations to ensure compatibility with nearly any system in the world. You can choose from the many included standard code pages, or you can customize your own. And to ensure proper translation, TinyTERM uses a 16-bit TERM

```

Microsoft Internet Explorer - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address: www.centurysoftware.com/salesserver/account.tpx
Processes: 54 total, 2 running, 52 sleeping... 172 threads 01:13:04
Load Avg: 0.14, 0.01, 0.00 CPU usage: 3.5% user, 0.0% sys, 88.5% idle
SharedLibs: num = 99, resident = 6.28M code, 556K data, 1.44M LinkEdit
MemRegions: num = 3570, resident = 16.2M + 1.28M private, 12.1M shared
PhysMem: 22.6M wired, 46.5M active, 25.6M inactive, 94.7M used, 1.27M free
VM: 1.10G + 66.0M 129330(0) pageins, 104410(0) pageouts

  PID COMMAND      %CPU  TIME  #TH  #PRTS  #MREGS  RPRUT  RSHRD  RSIZE  USIZE
10335 top             11.5% 0:01.30 1 15 18 240K 348K 540K 13.6M
10331 tcsh            0.0% 0:00.08 1 10 15 340K 612K 784K 5.73M
10329 sshd          0.0% 0:01.32 1 14 35 640K 1.01M 1.16M 16.8M
9837 httpd        0.0% 0:12.80 1 8 82 852K 2.03M 2.06M 5.31M
9836 httpd        0.0% 0:13.66 1 8 85 984K 2.03M 2.18M 5.45M
9835 httpd        0.0% 0:14.31 1 8 82 888K 2.03M 2.27M 5.31M
9834 httpd        0.0% 0:16.32 1 8 82 944K 2.03M 2.20M 5.31M
9833 httpd        0.0% 0:14.23 1 8 82 736K 2.03M 2.00M 5.31M
9149 ScreenSave   0.0% 0:00.99 1 57 132 0K 656K 56K 39.7M
8420 Software U  0.0% 0:01.23 1 55 97 0K 684K 36K 38.4M
1297 SecurityAg  0.0% 0:00.94 1 54 85 0K 684K 16K 36.1M
1258 Image Capt  0.0% 0:19.10 1 38 33 64K 664K 144K 22.8M
1257 FileMaker   0.0% 49:09.74 8 98 802 3.98M 2.09M 3.00M+ 167M
443 iChatAgent  0.0% 0:00.16 2 48 22 0K 612K 0K 15.5M
440 Finder       0.0% 0:23.27 2 87 129 0K 684K 20K 46.0M
  
```

TinyTERM Web Server brings browser based access to your critical applications



Character Set (TCS) that supports up to 768 characters, enabling TinyTERM to work accurately with any modern language used in the computer industry.

**Support Unlimited Fonts, Multinational Keyboards, and Host Character Sets**

TinyTERM Web Server can display any character or glyph, solving virtually every multinational display problem. Simply select the font you like, its sequence, and TinyTERM does the rest. You get accurate, properly formatted displays from the host. With its support for multinational keyboards and host character sets, you can make TinyTERM your solution for global host access.

**Add Mouse Functionality through the Browser Interface**

With TinyTERM Web Server, users don't have to give up their mouse. Now you can add features such as cut, copy, paste, cursor positioning, and the ability to send customized data strings with a simple mouse click. TinyTERM Web Server brings familiar Web functionality to your keyboard-intensive host applications.

**Support Background Bitmaps**

With TinyTERM Web Server, you can use background bitmaps to customize the interface and give host applications a Web page look and feel. No more looking at a green screen display.

**BENEFITS**

- Install and configure restricted client access from your server
- Administer host access from a central location
- Provide controlled access to your legacy host through a web browser interface
- Customize window look-and-feel with complete attribute mapping
- Automate functions with CScript script language
- Rely on superior terminal emulation, including TN3270 and TN5250
- Code page support for international compatibility
- Support unlimited fonts, multinational keyboards, and varied host character sets
- Add mouse functionality through the browser interface

**Terminal Emulations**

IBM TN3270E Models 2-5 (RFC 2355, 1646)  
 IBM TN5250E (RFC 1205)  
 DEC VT420, VT320, VT220, VT102, VT52  
 SCO ANSI, ANSI 3.64  
 WYSE 60, WYSE 50  
 TVI 912, 925, 950  
 IBM 3151  
 PCTERM, ADM 1, TTY  
 Stand-alone application or browser-based  
 Multiple session support  
 Transmit, receive and keyboard code pages  
 Resizable emulation w/scalable fonts  
 Programmable attributes, cursors and background images

**Printing**

IBM 3287 LU1/LU3 Host print  
 IBM 5250 LPD Printing  
 VT/WYSE Transparent print  
 Print redirection to LPD, Windows spooler  
 LPR/LPD Print spooler

**File Transfer**

IND\$FILE Host file transfer  
 SFTP, SCP and SSH secure file transfer  
 Samba SMB file server implementation

**Security**

SSL, SSH1 and SSH2 connection layer security w/1024-bit keys  
 Port forwarding

**Keyboard/Mouse**

Graphical keyboard remapping  
 Mouse button remapping and macros

**International**

Host multi-byte character decoding  
 Unicode UTF-8, Japanese, Chinese, Korean  
 DBCS decoding  
 English, French, German, Spanish, Italian, Portuguese, and Polish user interfaces

**Macro/Script Language/APIs**

Keyboard macro record, edit and playback  
 Automatic keyboard macro generation  
 HLLAPI/COM/OLE/ActiveX emulator interfaces  
 TSL TERM Script Language compatible  
 CScript Compiled Script Language  
 Configurable tool bars

**Migration Features**

Keyboard, codepage, and attribute compatibility with Attachmate, WRQ, and Hummingbird products  
 Script language conversion utilities

**System Requirements**

Compatible with all web servers  
 Windows 98SE/Me/NT/2000/XP  
 32MB Memory 16MB Disk



5284 South Commerce Dr. Suite C-134  
 Salt Lake City, Utah 84107

Toll Free (800) 877-3088  
 Phone (801) 268-3088  
 Fax (801) 268-2772  
 E-mail sales@centurysoftware.com  
 Web www.centurysoftware.com

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