

FEATURES

CONNECTIVITY

➤ TN3270/TN3270E	<ul style="list-style-type: none"> • Display • Printing • LU name • TN3270E Extensions 	
➤ TN5250/TN5250E	<ul style="list-style-type: none"> • Display • Printing • Device name/workstation ID • Auto create devices 	
➤ Telnet VT		
➤ SNA Gateways through LUA/RUI	<ul style="list-style-type: none"> • Microsoft Host Integration Server • IBM Communications Server 	
➤ Any Telnet Server or Gateway	<ul style="list-style-type: none"> • Via TN3270/TN5250 	
➤ LPD		

DISPLAY EMULATION

➤ 3270	<ul style="list-style-type: none"> • 3278 and 3279, models 2-5 and user-defined screen sizes • Custom Alternate and default sizes • 3290 62x160 Split/Split-V • GDDM 3179G graphics • Extended data stream • APL/APL2 • National language support • Double-Byte Character Support (DBCS) — IME-Aware 	
➤ 5250	<ul style="list-style-type: none"> • Models 2 and 5 • Extended Data Stream • National language support • Double-Byte Character Support (DBCS) — IME-Aware 	
➤ VT 52/100/220/320/420	<ul style="list-style-type: none"> • 24, 36, 48 lines • 80 or 132 columns • 7 bit or 8 bit NRCS character sets • Scroll-back buffer • Rectangular operator area • Answer back • Double height/width characters • User Defined Keys 	
➤ SCO-ANSI		
➤ HP Character and Block Mode	<ul style="list-style-type: none"> • HP 2392A • HP 70092/6 • HP 70094/8 	
➤ IBM 3151		
➤ Linux		
➤ VAX/AIX		
➤ WYSE60		
➤ WYSE60/AIF		

PRINT EMULATION

➤ 3270-IBM 3287	<ul style="list-style-type: none"> • LU1 SCS • LU3 DSC • Windows API Printing • Pass through (RAW) • Printer Definition 	<ul style="list-style-type: none"> • Transparent • ASCII Transparent
➤ 5250	<ul style="list-style-type: none"> • IBM 3812-1 (Single-Byte) • Windows API Printing • Pass through (RAW) • Printer Definition 	<ul style="list-style-type: none"> • Host Print Transform • iSeries Extended SCS (Non-IPDS Printing)
	<ul style="list-style-type: none"> • IBM 5553-B01 (Double-Byte) • Windows API Printing 	<ul style="list-style-type: none"> • Host Print Transform • iSeries Extended SCS (Non-IPDS)

	<ul style="list-style-type: none"> • Pass through (RAW) • Printer Definition 	Printing)
➔ VT slave printing	<ul style="list-style-type: none"> • Windows API Printing • Pass through (RAW) • Printer Definition 	
➔ Screen printing	<ul style="list-style-type: none"> • Screen Attributes • Color Printing • GDDM Graphics Printing 	
➔ Multi-screen printing	<ul style="list-style-type: none"> • Save multiple screen prints to buffer to print at same time. 	
➔ TCP/IP printer server	<ul style="list-style-type: none"> • LPR/LPD • Multiple Queues per Instance 	
SECURITY		
➔ SSH-2		
➔ SSL 3.0		
➔ TLS 1.0		
➔ Supported Encryption	<ul style="list-style-type: none"> • DES 56 bit • 3DES 168 bit • RC4 128 bit • RC2 40 bit • RSA Public Key to 2048 bit 	
➔ PKI certificate support	<ul style="list-style-type: none"> • SSL client certificate authentication (X.509) • Smart-Card based Certificates 	<ul style="list-style-type: none"> • PKCS 12 • PKCS11 • DER-encoded
➔ Firewall/proxy server support	<ul style="list-style-type: none"> • Socks 4, 4a, 5 • NVT Proxy Authentication • Auto Prompt and Response 	
➔ HTTPS Proxy Tunneling		
➔ RSA SecurID enabled*		
➔ NT domain authentication enabled*		
➔ LDAP Authentication*		
➔ iSeries encrypted auto sign-on bypass		
➔ Single-Sign on	<ul style="list-style-type: none"> • Certificate Express Logon • BlueZone Password Vault • Integration with Third-Party Solutions • Kerberos 	Secure Credential Storage Passlogix Sentillion Citrix Password Manager
FILE TRANSFER		
➔ 3270-IND\$File		
➔ File Transfer Protocol (FTP)	SSL/TLS SSH	
➔ iSeries Data Transfer	FTP LIPI	GUI SQL Builder
➔ Secure FTP to SSL-Capable Servers	<ul style="list-style-type: none"> • OS/400 V5R1 • Z/OS • Z/VM • BlueZone Security Server 	
DISPLAY USABILITY		
➔ Launch new sessions without going back to the Web server		
➔ Browse away or close the browser without losing sessions		
➔ Auto-Launch Multiple Sessions		
➔ Full-Screen Mode		

➔ Font Mapping		
➔ Keyboard Mapping		
➔ Macros		
➔ Scripts		
➔ Light Pen Support		
➔ Customizable Tool Bars		
➔ Customizable Button Pad		
➔ Drop-Down Connection List		
➔ Configurable Status Line		
➔ Cut, Copy, Paste, Paste Continue		
➔ Hot Spots	<ul style="list-style-type: none"> • Highlight • Buttons • Edit boxes • Play Script from Hot Spot 	
➔ Configure Mouse Buttons	<ul style="list-style-type: none"> • Enter • Cursor select • Page up/Page Down 	
➔ Web-Based Help System		
➔ IME-Aware	Double-Byte Language Input	
➔ Set to "Always On Top"	Maintains BlueZone Focus	Useful for Data Entry
PRINTER USABILITY		
➔ Intuitive Three Window Display	<ul style="list-style-type: none"> • Printer profiles - easily select active printer profile with a single click • Active print queue-control active jobs in the queue • Log of previously printed jobs - view, reprint, delete printed jobs 	
➔ Automatically Uses Default Windows Printer		
➔ Associated Display/Printer Pair Connection Synchronization		
➔ Minimize Printer Window on Start-Up		
➔ Auto Page Orientation based on Line Length		
➔ Auto Font Sizing		
➔ Configurable Printer Control	<ul style="list-style-type: none"> • Windows API-Windows controls the ASCII printer • Pass-through-the host application controls the ASCII printer • Printer definition file - BlueZone controls the ASCII printer 	
➔ Reprint Jobs from Log by Dragging to Queue		
➔ Pause Jobs in Queue		
➔ Print to File	<ul style="list-style-type: none"> • Auto create filename • Append to file 	
➔ Override Host Print Job Settings		
➔ iSeries-PC Font Mapping		
➔ Stand-Alone Application can be used as Print Server		
➔ National Language Support		
➔ Web-Based Help System		

➔ DBCS Print Screen Capability		
SECURE FTP USABILITY		
➔ Data Stream Security	SSL/TLS SSH 2.0	
➔ Launch from the browser or within an existing emulator session		
➔ Easy-to-use three window interface	<ul style="list-style-type: none"> • PC view • Host view • FTP command/response status 	
➔ Custom commands		
➔ Customizable power keys		
➔ List of commands mapped to a Power Key		
➔ Supports IBM Mainframe, iSeries, UNIX, and VMS list formats		
➔ Resume		
➔ Initial commands		
➔ Initial PC and host directories		
➔ Auto-mode file type definition		
➔ Status line		
➔ iSeries Data Transfer	<ul style="list-style-type: none"> • Signed Data • Packed Data • Conversion to .xls (Excel) format 	
ADMINISTRATION		
➔ Web to Host and Desktop Identical	<ul style="list-style-type: none"> • Identical Look and Feel • Identical Feature Set • Single Licence for Both Deployments 	
➔ Web to Host Wizard	<ul style="list-style-type: none"> • Configuration Tool for Web to Host Deployments 	
➔ MSI Package for Desktop Deployment	<ul style="list-style-type: none"> • Standard MSI Package 	
➔ Launch and Configure any BlueZone Application from any Web Server		
➔ Easily Integrates into Existing Web Environment		
➔ Workstation Name Auto-Logon		
➔ Configurable Web-Based Help System – add your own application help users access by clicking Help: Topics		
➔ Centralized Management and Deployment		
➔ Automatic Version Control and Updating – any associated files such as scripts or macros		
➔ Centralized Configuration		
➔ Centralized License Management		
➔ Configuration Locking	<ul style="list-style-type: none"> • Granular Locking of Dialogs with BlueZone 	
➔ FTP Command Locking	<ul style="list-style-type: none"> • Lock Specific FTP Commands 	
➔ Hot Host Backup	<ul style="list-style-type: none"> • Automatically Failover to Another Server 	
➔ Optional Web Manager Application for Remote	<ul style="list-style-type: none"> • Web browser interface • Java servlets-based 	

Management	<ul style="list-style-type: none"> • Uses application server's security • Group-level configuration • User-level configuration • Device/LU name assignment 	
AUTOMATION		
→ HLLAPI	<ul style="list-style-type: none"> • 32-bit & 16-bit applications • WHLLAPI • EHLLAPI • DOS HLLAPI 	
→ Launch External Applications on Connect	Specify Executable to Run when BlueZone Connects to the Host	
→ DDE Interface		
→ BlueZone Scripting/Macros	<ul style="list-style-type: none"> • Record, playback, edit • GUI script editor • Add script functions and variables • Run scripts on startup, connect, key sequence or Power Key • Compatibility Mode 	<ul style="list-style-type: none"> • Netmanage Rumba Macros
→ BlueZone Scripting Host	<ul style="list-style-type: none"> • Visual Basic • Jscript • BlueZone Basic Scripting • Script Engine Compatibility Mode 	<ul style="list-style-type: none"> • Extra Ebasic • Reflection RBasic • NetManage Chameleon
	<ul style="list-style-type: none"> • GUI Script Debugger 	<ul style="list-style-type: none"> • Step into/over breakpoints • Viewable variables
	<ul style="list-style-type: none"> • Positive host-ready state identification - eliminates programmed waits resulting in faster and completely reliable scripts. (Critical for unattended batch operation.) 	
→ COM and .NET Integration	<ul style="list-style-type: none"> • Easy integration with Microsoft Office products and any other COM compliant application • Compatibility Mode 	<ul style="list-style-type: none"> • Attachmate Extra • Netmanage Chameleon • IBM Automation Object • OHIO • Reflection Object • Reflection for the Web

SYSTEM REQUIREMENTS

WEB SERVER REQUIREMENTS

→ Any enterprise-quality Web server such as:	<ul style="list-style-type: none"> • IBM HTTP Server • Microsoft's IIS Web Server • Apache Web Server • Netscape Web Server • Novell Web Server 	
→ 50 MB disk space		
→ Network, dial-up or Internet connection to users		

CLIENT WORKSTATION REQUIREMENTS

→ Windows 32-Bit Operating System		
→ Netscape 6.0 or higher with J2RE 1.3 or higher installed and Java-enabled		
→ Internet Explorer 5.0 or higher	<ul style="list-style-type: none"> • Using the ActiveX Web-to-host control module: medium security settings or custom settings with signed ActiveX controls and ActiveX controls marked "Safe for Scripting" -enabled • Using the Java Web-to-host control module: J2RE 1.3 or higher installed and Java-enabled 	

➔ Mozilla 1.6 or higher with J2RE 1.3 or higher installed and Java-enabled		
➔ Opera 7.2 or higher with J2RE or higher installed and Java-enabled; identity set to Opera or Mozilla		
➔ Sufficient CPU and memory to run an Internet browser and other typical applications		
BLUEZONE SECURITY SERVER REQUIREMENTS		
➔ Windows NT 4.0 SP4 or higher or Windows 2000 SP2 or higher		
➔ Pentium 200 plus 10 MHz for every 20 concurrent telnet or HTTP sessions.		
➔ 64 Megabytes memory plus 128K per user		
BLUEZONE WEB MANAGER (ASP VERSION)		
➔ Microsoft NT 4.0 or Windows 2000 server		
➔ IIS version 4.0 or greater		
BLUEZONE WEB MANAGER (JAVA VERSION)		
➔ Web Server capable of supporting Java Servlet API 2.1 or later		
➔ Pentium 200 or higher processor		

**Requires BlueZone Security Server to use the feature.*