



BlueZone™



FEATURES SUMMARY & HARDWARE/SOFTWARE REQUIREMENTS

FEATURES

Connectivity

- > TN3270/TN3270E
 - Display
 - Printing
 - LU name
 - TN3270E Extensions
- > TN5250/TN5250E
 - Display
 - Printing
 - Device name/workstation ID
 - Auto create devices
- > Telnet VT
- > SNA gateways through LUA/RUI
- > Any Telnet server or gateway
- > Renex protocol converters (RAP)

Display Emulation

- > 3270
 - 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 emulation
 - Models 2 and 5
 - Extended Data Stream
 - National language support
 - Double-Byte Character Support (DBCS)
 - IME-Aware
- > VT 52/100/220/320/420
 - 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
- > SCO-ANSI
- > HP Character and Block mode
 - HP 2392A
 - HP 70092/6
 - HP 70094/8
- > IBM 3151
- > Linux
- > VAX/AIX
- > WYSE60
- > WYSE60/AIF
- > Unisys
 - T27
 - UTS
- > ICL/VME

Print Emulation

- > 3270-IBM 3287
 - LU1 SCS
 - LU3 DSC
- > 5250
 - IBM 3812-1 (Single-Byte)
 - Host Print Transform
 - iSeries Extended SCS (Non-IPDS Printing)
 - Host Print Transform
 - IBM 5553-B01 (Double-Byte)
 - Host Print Transform
 - iSeries Extended SCS (Non-IPDS Printing)
- > VT slave printing
- > Screen printing
 - Screen Attributes
- > Multi-screen printing
- > TCP/IP printer server

Security

- > SSH-2
- > SSL 3.0
- > TLS 1.0
- > Supported Encryption
 - DES 56 bit
 - 3DES 168 bit
 - RC4 128 bit
 - RC2 40 bit
 - RSA Public Key to 2048 bit
- > PKI certificate support
 - SSL client certificate authentication (X.509)
 - PKCS 12
 - DER-encoded
- > Firewall/proxy server support
 - Socks 4, 4a, 5
 - NVT Proxy Authentication
 - Auto Prompt and Response
- > HTTPS Proxy Tunneling
- > RSA SecurID enabled*
- > NT domain authentication enabled*
- > Blockade enabled*
- > iSeries encrypted auto sign-on bypass
- > Microsoft and CERT® recommended security measures for BlueZone's ActiveX and plug-in controls

File Transfer

- > 3270-IND\$File
- > File Transfer Protocol (FTP)
- > iSeries Data Transfer
- > Kermit File Transfer for VT
- > Secure FTP to SSL-capable servers
 - OS/400 V5R1
 - Z/OS
 - Z/VM
 - LegaSuite® 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
 - Highlight
 - Buttons
 - Edit boxes
- > Configurable mouse buttons
 - Enter
 - Cursor select
- > Web-based help system
- > IME-Aware
- > Set to “Always on Top”
- > Native Language Support
 - Dutch
 - French
 - German
 - Japanese
 - English

Printer Usability

- > Intuitive three window display
 - 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 the 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
 - 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 the log by dragging to queue
- > Pause jobs in queue
- > Print to File
 - 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
- > Print Area
- > TCP/IP Print Server
 - LPR/LPD protocol

Secure FTP Usability

- > Secure Sockets Layer (SSL) enabled
- > Launch from the browser or within an existing emulator session
- > Easy-to-use three window interface
 - 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
 - Signed Data
 - Packed Data
 - Conversion to .xls (Excel) format

Administration

- > Quickly configure sessions and publish Web pages using the Wizard utility
- > Launch and configure any BlueZone application from any Web server
- > Easily integrates into an 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 of any associated files like scripts or macros
- > Centralized configuration
- > Centralized license management
- > LU Pooling by Groups
- > Configuration locking
- > FTP command locking
- > Hot Host Backup
- > Automatic fail over to backup host
- > Optional Web Manager application for remote management
 - Web browser interface
 - Java servlets-based
 - Uses application server's security
 - Group-level configuration
 - User-level configuration
 - Device/LU name assignment
- > Optional “desktop only” deployment — no Web server required

Automation/Development

- > HLLAPI
 - 32-bit & 16-bit applications
 - WHLLAPI
 - EHLLAPI
 - EEHLLAPI
 - DOS HLLAPI
- > Launch external applications on connect
- > DDE interface
- > Power Pads/Power Pad Editor
- > BlueZone scripting
 - Record scripts in VBScript or JScript
 - Record, playback, edit
 - GUI script editor
 - Add script functions and variables
 - Run scripts on startup, connect, key sequence or Power Key
- > BlueZone macros
 - Record and playback
 - Keystrokes and mouse movements
 - Run macros on startup, connect, key sequence or Power Key
- > VBA Support Option
- > BlueZone Scripting Host
 - Uses standard scripting languages such as Visual Basic Scripting and JScript
 - GUI Script Debugger
 - Step into/over breakpoints
 - Viewable variables
 - Encrypt and password-protect scripts for added layer of security
 - Recorded password fields automatically convert to prompts when played
 - Positive host-ready state identification — eliminates programmed waits resulting in faster and completely reliable scripts. Critical for unattended batch operation.
- > COM and ActiveX components
- > Host Automation Object™
 - Easy integration with Microsoft Office products and any other COM compliant application
 - Support of Attachmate Ebasic and NetManage Chameleon COM interface to provide easy migration
 - Support of WRQ Rbasic and OLE compatibility

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

SYSTEM REQUIREMENTS

Web Server Requirements

- > Any enterprise-quality Web server such as:
 - IBM HTTP Server
 - Microsoft's IIS Web Server
 - Apache Web Server
 - Netscape Web Server
 - Novell Web Server
- > 5 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
 - 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

LegaSuite 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

LegaSuite Web Manager (ASP version)

- > Microsoft NT 4.0 or Windows 2000 server
- > IIS version 4.0 or greater

LegaSuite Web Manager (Java version)

- > A Web server that can support Java Servlet API 2.1 or later
- > Pentium 200 or higher processor

