

Windows NT/2000 Server-based Persona web-to-host connectivity software delivers precise terminal emulation and versatile access to data and applications residing on multiple host computing system types: IBM mainframe, AS/400, Unix, Digital, and Data General. Featuring centralized administration and interface customization capabilities, Persona offers reliable and efficient extranet/Internet access to enterprise information.

SECURE WEB-TO-HOST CONNECTIVITY

With its three-tier architecture, cross-platform support, and broad range of thin-client alternatives — including Java applet, Java application, and native Windows clients — Persona Insight offers a comprehensive solution for secure extranet/remote access with or without a web browser.

Persona safeguards sensitive data with high-level security encoding capabilities including SSL 3.0, SSH v1 and v2, DES, Triple DES, and server-specific X.509 digital certificates.

Built on a solid foundation of host-access capabilities, Persona is designed to minimize computing costs through flexible deployment, simplified administration, interface automation, and concurrency licensing.

Automation and Integration

Persona includes an extensive array of advanced tools for efficiency and ease of use. Customizable Persona Buttons, hotspots, and SmartMouse® tools speed host application navigation with mouse actions. For auto-loading of screen-specific tools, Persona provides Triggers support. A powerful VB-compatible macro language automates time-consuming activities such as host logins and file transfers. In addition, Persona features multilingual client interface support for international user groups.

For 3270 and IBM 5250 emulation, Persona's Dialog View can turn the IBM "green screen" into a Windows-like graphical interface that gives host applications a consistent and familiar appearance to enhance user productivity.

Local printing capabilities include "paperless" .pdf printing for IBM 3270 and 5250, plus pass-through printing for VT, Data General, Wyse, ANSI, and SCO ANSI emulations.

System administrators can access Persona administration tools remotely, perform Persona service management and troubleshooting from convenient consoles, customize screens for simplified access, and integrate diverse host applications with Persona's multi-host capabilities.

For more information, contact one of our U.S. locations:

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Persona v4.3b — Technical Specifications

INSTALLATION

- ◆ Server installation automatically loads:
 - Persona server, administration tools, and Web components
 - Sample HTML files and sample sessions
- ◆ Client installation not required
- ◆ Immediately integrates with current Web software, with no HTML coding required

CLIENT-TO-SERVER COMMUNICATION

- ◆ Secured TCP/IP connection

SERVER-TO-HOST CONNECTION TYPES

- ◆ Telnet (with support for RFC 1572), TN3270E, TN5250E, and TN5250E over SSL v3
- ◆ SSH v1 and v2 for VT, SCO, ANSI, DG, and Wyse emulations
- ◆ Microsoft SNA Server v3.0 and v4.0

EMULATION

Precise IBM 3270, IBM 5250, VT, Data General, Wyse, ANSI, and SCO ANSI emulation. Supported terminal types include:

- ◆ IBM 3278 levels 2 through 5 and IBM 3279 levels 2 and 3 with extended attribute support
- ◆ IBM 3477-FC, 3477-FG, 3180-2, 3179-2, 3196-A1, 5292-2, 5291-1, and 5251-11
- ◆ VT420, VT320, VT220, VT102, VT101, VT100, and VT52
- ◆ Data General D470C (text only), D461 (text only), D460 (text only), D450 (text only), D411, D410, D400, D220, D215, D214, D211, D210, D200, and D100 with full 135-column display
- ◆ Wyse 50/60
- ◆ ANSI and SCO ANSI

Capabilities include:

- ◆ Full 132/135-column display
- ◆ Line drawing
- ◆ Double-high, double-wide characters

SECURITY

- ◆ Security
 - SSL 3.0
 - SSH v1 and v2 (between Persona server and host)
 - Authenticode 2.0
 - Diffie-Hellman key agreement
 - X.509 certificates*
- ◆ Encryption/Encoding
 - MD5
 - SHA-1
 - 40-bit DES
 - 56-bit DES
 - Triple DES
- ◆ Secure web server compliant
- ◆ HCFA compliant
- ◆ Telnet Auto-signon capability in AS/400 environments

* Includes generic X.509 server certificate. Server-specific X.509 server certificates available separately.

CLIENT FEATURES

- ◆ Multi-client support
 - Windows thin client
 - Java application
 - Java thin client (JDK 1.1)
 - Java thin client, local (JDK 1.1)
- ◆ Local screen and host application printing
- ◆ IBM 3270 and 5250 .pdf (“paperless”) printing
 - Encoded transport
 - Report compression
 - Local file storage option
 - Print preview in Adobe® Acrobat® Reader
- ◆ Pass-through printing for VT, Data General, Wyse, ANSI, and SCO ANSI
 - Printer control mode
 - Auto-print display and print
 - DEC LA210 printer emulation
 - Encoded transport
- ◆ Client-side English, French, German, and Spanish language support
- ◆ Host hyperlinks for automated host access

- ◆ Persona Buttons for automated application access
- ◆ Multi-session, multi-host support
- ◆ Resizable, floatable windows with automatic font scaling
- ◆ Pop-up graphical keyboard
- ◆ Dialog View graphical interface capability (IBM 3270 and 5250 emulation only)
- ◆ Hotspots screen automation
- ◆ Triggers support for screen-specific tools
- ◆ Customizable help
- ◆ Local client options for bandwidth-limited networks or modem connections
- ◆ Zero desktop administration
 - Installation, configuration, and version control not required
 - Digitally signed Java thin client
- ◆ Centrally administered configuration files
- ◆ VBScript and JavaScript support (Java thin clients only)
- ◆ Client-side screen-scraping support

SERVER FEATURES

- ◆ Administration tools
 - Configuration Assistant diagnostic tool for installation and function validation
 - Persona Service Manager for centralized modification, start, and stop of Persona sessions: access management, licensing setup, security level control, client availability, 3270 and 5250 printing, server management
 - Persona Remote Administration Tool: session management, printer management
 - Load balancing
 - Persona Toolbox utility for session configuration and automation: application navigation recorder, Visual Basic development environment, SmartMouse® automation, keyboard mapping, hotspot development tools, Persona Buttons, Triggers, color preferences, Outlook-style shortcut bars
- ◆ Management
 - Performance monitoring including: session activity, concurrency usage, average session connection time
 - Event logging
 - License management and automated SMTP message notification of violation attempts

WORKSTATION SUPPORT

- ◆ Platform independent
 - Windows 95/98/ME, Windows NT, Windows 2000
 - Unix workstations
 - Macintosh

MINIMUM BROWSER REQUIREMENTS

- ◆ Windows thin client (browser not required): launchable from Netscape Navigator 3.0x or above, or Microsoft Internet Explorer 3.0x or above
- ◆ Java Application (browser not required): launchable from Netscape Navigator 3.0x or above, or Microsoft Internet Explorer 3.0x or above
- ◆ JDK 1.1: Microsoft Internet Explorer 4.01 (32-bit) or above, or Netscape Navigator 4.06 or above

MINIMUM SERVER REQUIREMENTS

- ◆ Windows NT Server version 4.0 or above
- ◆ Any Windows NT-based web server
- ◆ Pentium 200 with 64 megabytes of memory
- ◆ 100 megabytes of hard drive space

OPTIONAL PACKAGES

- ◆ LAT support (not available with Windows 2000)
- ◆ Server-specific X.509 certificates
- ◆ Subscription Plan maintenance program
- ◆ Volume License Program

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