

SmarTerm PC-to-host connectivity software delivers precise terminal emulation and high-performance access to data and applications residing on IBM mainframe, AS/400, Unix, Digital, and Data General host computing systems. The SmarTerm product line includes advanced solutions for access to a single type of host, multiple host systems, or hosts in multi-user Windows environments – all featuring powerful tools for easy deployment, flexible use, and simple administration.

FLEXIBLE AND EASILY MANAGED HOST CONNECTIVITY

With SmarTerm by Esker you can quickly implement a high-performance hostconnectivity solution that helps meet the challenges of controlling costs while extending efficient access to end-users throughout the enterprise.

◆ **SIMPLIFY DEPLOYMENT AND MANAGEMENT**

The SmarTerm Administrator Toolbox provides convenient control of desktop standardization for specific user groups, helping to keep support costs low and productivity high. Administrator-defined profiles configure each desktop with just the functionality needed, and support staff can restore profiles instantly to resolve user problems.

SmarTerm's Profile Server and its Automated Install Wizard simplify installation of SmarTerm and distribution of configuration changes to save valuable time. Administrators can deploy and manage preconfigured host access centrally, without having to touch every desktop. To provide efficient deployment capabilities for extending easily manageable host access to remote users and thin-client desktops, SmarTerm Office for Citrix is optimized for use in multi-user NT environments including Citrix WinFrame/MetaFrame and Microsoft Windows Terminal Server. SmarTerm offers three deployment choices to help you achieve the highest level of performance and efficiency in your computing environment: locally installed and managed, locally installed/centrally managed, or centrally installed and managed (thin-client implementation with SmarTerm Office for Citrix).

◆ **AUTOMATION AND INTEGRATION**

The SmarTerm Toolbox includes a powerful VB-compatible macro language and recorder to automate time-consuming activities such as host logins and file transfers.

Easy-to-customise SmarTerm Buttons, HotSpots, and SmartMouse[®] tools speed host application navigation with mouse actions. For autoloading of screen-specific tools, SmarTerm provides Triggers support.

And SmarTerm's shortcut bar gives administrators easy access to frequently used automation tools. For 3270 and 5250 emulation, SmarTerm's Dialog View can transform the IBM "green screen" into a Windows-like graphical interface that gives host applications a consistent, familiar appearance for enhanced user productivity.

◆ **DEPENDABLE CONNECTIONS**

SmarTerm provides a wide range of connectivity choices to meet your requirements, including support for Microsoft SNA Server, Telnet, TCP/IP and TAPI modem connections. For local area transport connectivity with Digital hosts, Esker offers an optional LAT package.

◆ **SECURE ACCESS**

For protection of sensitive data, SmarTerm provides SSH and SSL security encoding capabilities to safeguard communication between client and host and over the Internet.

◆ **MULTIPLE LANGUAGES**

SmarTerm can provide your single-box solution for multilingual access to host data, with connectivity sessions in English, French, German and Spanish.

◆ **RELIABLE TECHNICAL SUPPORT**

You can rely on responsive telephone support from Esker's expert technicians. On-line support is available via e-mail, FTP server, and <http://www.esker.com/>. For added protection of your investment in SmarTerm, enhanced product support services are available.

SMARTERM BY ESKER PRODUCTS

The SmarTerm product line includes a variety of solutions for specific computing environments and host connectivity requirements.

◆ **SMARTERM ESSENTIAL** – cost-effective access to a single type of host: IBM mainframe, IBM AS/400, Unix, Digital VAX/OpenVMS, or Data General.

◆ **SMARTERM 3270/5250** – dual-host access to IBM mainframes and IBM AS/400s.

◆ **SMARTERM OFFICE** – enterprise-wide access to multiple hosts: IBM mainframe, IBM AS/400, Unix, Digital VAX/OpenVMS, and Data General.

◆ **SMARTERM OFFICE FOR CITRIX** – enterprise-wide access to multiple-hosts – IBM mainframe, IBM AS/400, Unix, Digital VAX/OpenVMS, and Data General – in Citrix WinFrame/MetaFrame and Microsoft Windows Terminal Server thin-client environments.

◆ **SMARTERM X** – enterprise-wide access to a single type of host – IBM mainframe, IBM AS/400, Unix, Digital VAX/OpenVMS, or Data General – plus PC X Server connectivity.

◆ **SMARTERM ENTERPRISE SUITE** – enterprise-wide access to multiple hosts – IBM mainframe, IBM AS/400, Unix, Digital VAX/OpenVMS, and Data General – plus PC X Server connectivity.

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SMARTERM BY ESKER — TECHNICAL SPECIFICATIONS

INTEGRATED INSTALLATION

- ◆ Host connectivity for IBM mainframe, AS/400, Unix, VAX, OpenVMS, and Data General – simultaneous multi-host access (SmarTerm Office, Office for Citrix, and Enterprise Suite), dual-host access (SmarTerm 3270/5250), or single-host access (SmarTerm Essential and X)
- ◆ Optimised support for use with Citrix WinFrame, Microsoft Windows Terminal Server, and Citrix MetaFrame (SmarTerm Office for Citrix)
- ◆ Multilingual install in English, French, German, or Spanish
- ◆ Support for server and single-user installation

EMULATION

- ◆ VT420, VT340, VT320, VT241, VT240, VT220, VT102, VT101, VT100, and VT52 with full 132-column display
- ◆ IBM 3270 emulation, including 3278 levels 2 through 5, 3279 levels 2 and 3 with extended attribute support, and 3287 printer emulation
- ◆ AS/400 5250 emulation, including 3477-FC, 3477-FG, 3180-2, 3179-2, 3196-A1, 5292-2, 5291-1, 5251-11, and 3812 printer emulation
- ◆ Data General D470C, D461, D460, D450, D411, D410, D400, D220, D215, D214, D211, D210, D200, D100 with full 135-column display
- ◆ Wyse 50/60
- ◆ ANSI and SCO ANSI

CONNECTIVITY

- ◆ Supports up to 16 simultaneous sessions
- ◆ Telnet support (with support for RFC 1572)
- ◆ Supports Windows 95/98/NT/2000/ME* VxD TCP/IP stacks and third-party 32-bit Windows Sockets TCP/IP stacks
- ◆ TN3270E/TN5250E
- ◆ Microsoft SNA Server v3.0 and v4.0
- ◆ PATHWORKS LAT for Windows 95/NT
- ◆ LAT support (available as an optional package from Esker)
- ◆ Full TAPI support for modems
- ◆ CEO Workstation support
- ◆ Serial support

SECURITY

- ◆ SSH v1 and v2 support for Unix, VT, Wyse, Data General, ANSI, and SCO ANSI emulations
- ◆ SSL v3 support for AS/400 emulation
- ◆ Telnet Auto-signon capability in AS/400 environments

MANAGEMENT TOOLS

- ◆ CD Browser interface for easy installation
- ◆ Administrator Toolbox: user profiles, interface customisation, profile restoration
- ◆ Support for Citrix WinFrame/MetaFrame and Microsoft Windows Terminal Server multi-user Windows NT environments (SmarTerm Office for Citrix)
- ◆ Microsoft Systems Management Server (SMS) support
- ◆ Global session limit control

SmarTerm TOOLS

- ◆ VB-compatible macro language, recorder, editor, and debugging facility
- ◆ SmarTerm Buttons and palette editor
- ◆ HotSpots
- ◆ SmartMouse® programmable mouse support
- ◆ “Triggers” support for screen-specific tools
- ◆ Graphical, point-and-click keyboard remapping
- ◆ Application-specific button library
- ◆ Adjustable, pop-up keyboard display
- ◆ Customizable toolbars for intuitive navigation

EASE-OF-USE FEATURES

- ◆ Integrated user interface
- ◆ Shortcut bar for easy tool navigation (SmarTerm Essential, Office, X, and Enterprise Suite)
- ◆ Workbook View and Multiple Document Interface (MDI)
- ◆ Dialog View graphical interface capability for IBM 3270/5250
- ◆ Light pen support for IBM 3270
- ◆ On-line help (including “What’s This” help) and user-definable help
- ◆ Full MAPI support
- ◆ Internet Aware web page and e-mail linking
- ◆ Launchable from web browsers for easy access
- ◆ Auto-startup macros
- ◆ OLE 2.0 automation
- ◆ DDE client and server
- ◆ Host control
- ◆ Two-way trace

FILE TRANSFER

- ◆ Drag-and-drop FTP client, PASV mode support, FTP drag-and-drop folders, and FTP proxy support
- ◆ Command-line FTP interface)
- ◆ FTP File Viewer
- ◆ Integrated stand-alone FTP client with support for long file names
- ◆ IND\$FILE
- ◆ Kermit, XMODEM, YMODEM, and ZMODEM error-free file transfer

INTERNATIONAL SUPPORT

- ◆ English, French, German, and Spanish
- ◆ VT compose character support
- ◆ Full support of Digital multinational characters, ISO Latin-1, ISO Latin-2, ISO Latin-9, and 7-bit National Replacement Character Sets (including Eastern European character set support)
- ◆ Support of IBM EBCDIC code page 870 (Central European character set support)
- ◆ Remappable keyboard for international versions of Windows 95/98/NT/2000/ME*
- ◆ Euro character support for VT, 3270, and 5250 emulation

PC X SERVER (WITH SmarTerm X AND ENTERPRISE SUITE)

- ◆ Fully X11R6.3 compliant
- ◆ LBX (Low-Bandwidth X) technology to speed data flow
- ◆ 32-bit multi-threaded implementation

REQUIREMENTS (SmarTerm ESSENTIAL, OFFICE, X, AND ENTERPRISE SUITE)

- ◆ Pentium or higher PC
- ◆ 32 MB of memory and 52 MB of free hard disk space
- ◆ Microsoft Windows 95/98/NT/2000/ME*

REQUIREMENTS (SmarTerm 3270/5250)

- ◆ 80486 or Pentium PC
- ◆ 8 MB of memory and 29 MB of free hard disk space
- ◆ Microsoft Windows 95/98/NT (v3.51 or higher)

REQUIREMENTS (SmarTerm OFFICE FOR CITRIX)

- ◆ Client: Citrix ICA client or Microsoft RDP client
- ◆ Server: 40 MB free hard disk space for SmarTerm, sufficient memory and disk space for Citrix WinFrame or Microsoft Windows NT Server 4.0, Terminal Server Edition and Citrix MetaFrame

* The PC X Server component of SmarTerm X and SmarTerm Enterprise Suite does not include Windows 2000/ME support. Modifications are required for Windows 2000/ME support with SmarTerm 3270/5250 and SmarTerm Office for Citrix.

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