SMARTERM PRODUCT OVERVIEW

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

Controlling Costs for Maximum ROI

Every SmarTerm solution is optimized to support Microsoft® Terminal Services environments, providing centralized application management and a significant reduction in workstation maintenance costs. Concurrency licensing for these multi-user environments helps reduce the overall number of licenses needed. In addition, SmarTerm provides IS/IT professionals with the ability to accurately monitor their license usage and assess requirements in order to maintain their organization's license compliance standards. SmarTerm can also be deployed in a node environment.

Unmatched Security

For protection of sensitive data, SmarTerm provides a range of security encoding capabilities to safeguard communication between client and host over the Internet. In addition, unmatched SmarTerm security helps organizations meet government, healthcare (HIPAA) or other regulatory requirements. SmarTerm security capabilities include:

- SSH (Secure Shell)
- SSL (Secure Sockets Layer)
- SFTP (Secure File Transfer Protocol)
- SCP (Secure Copy Protocol)

Flexible & Easily Managed Host Connectivity

With SmarTerm, you can quickly implement a high-performance host connectivity 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 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.

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-customize SmarTerm Buttons, Hot-Spots and SmartMouse® tools speed host application navigation with mouse actions. For autoloading of screen-specific tools, SmarTerm provides Triggers support. And, the SmarTerm shortcut bar gives administrators easy access to frequently used automation tools. For 3270 and 5250 emulation, SmarTerm Dialog View can transform the IBM green screen into a Windows-like graphical interface that gives host applications a consistent and familiar appearance for enhanced user productivity.

Dependable connections

SmarTerm provides a wide range of connectivity choices to meet your requirements, including support for Microsoft Host Integration Server, Telnet, TCP/IP and TAPI modem connections.

Multiple languages

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

Compatible with the Latest Operating Systems

For migrating to a new OS without implementation delays and associated costs, SmarTerm is fully compatible with:

- Windows 10 32-bit and 64-bit
- Windows 8 and 8.1 32-bit and 64-bit
- Windows 7 SP1 32-bit and 64-bit
- Windows Server 2012 and 2012 R2
- Windows Server 2008 R2 SP1

SmarTerm Solutions

- **SmarTerm Essential VT** — cost-effective access to Unix or Digital VAX®/Open VMS®
- **SmarTerm 3270/5250** — cost-effective access to IBM mainframes and AS/400s (iSeries)
- **SmarTerm Office** — enterprise-wide access to multiple hosts: IBM mainframe, AS/400 (iSeries), Unix, Digital VAX/ OpenVMS, and Data General

ESKER SmarTerm® 2014

Technical Specifications

Integrated installation

- Optimized support for use with Microsoft Windows Terminal Services environments
- Multilingual install in English, French, German or Spanish
- Support for server and single-user installation
- CD Browser interface for easy installation
- Automated Install Wizard for streamlined deployment

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 (iSeries) 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)
- TN3270E/TN5250E
- SNA using Microsoft Host Integration Server*
- Full TAPI support for modems
- Serial support

Security

- SFTP and SCP for secure file sharing
- SSH-2 support for Unix, VT, Wyse, Data General, ANSI, and SCO ANSI emulations
- TLS support for AS/400 (iSeries) emulation
- Telnet auto sign-on capability in AS/400 (iSeries) environments

Management tools

- Administrator Toolbox: user profiles, interface customization, profile restoration
- Profile server for centralized distribution and user-group configuration

* Contact Technical Support for 64-bit support

- Support Microsoft Windows Terminal Server/Services multi-user Windows environments
- 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

- Complies with U.S. federal accessibility guidelines (section 508)
- Integrated user interface
- Shortcut bar for easy tool navigation
- Workbook View and Multiple Document Interface (MDI)
- Dialog View graphical interface capability for IBM 3270/5250
- Light pen support for IBM 3270
- Online help (including "What's This") and user-definable help
- Full MAPI support
- 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

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Microsoft Windows OS support

- Windows 10 32-bit and 64-bit
- Windows 8 and 8.1 32-bit and 64-bit
- Windows 7 SP1 32-bit and 64-bit
- Windows Server 2012 and 2012 R2
- Windows Server 2008 R2 SP1

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
- Euro character support for VT, 3270 and 5250 emulation

Requirements (SmarTerm Essential VT, 3270/5250, Office)

- Pentium or higher PC
- 128 MB of memory
- 60 MB of available hard disk space

Requirements (multi-user environments)

- Client: Microsoft RDP client
- Server: 60 MB free hard disk space for SmarTerm, sufficient memory and disk space for Microsoft Windows Server with Remote Desktop Services