



The innovative Tun Plus All-Access License gives managers complete freedom to meet their organizations' unique host access needs. Tun Plus 2006 is one product uniting three powerful solutions — PC-to-host, web-to-host and multi-user Windows. All provide the same comprehensive Tun Plus host, database and network-utility access. With the All-Access License, organizations can deploy these solutions in any combination to meet the needs of varied users. As users' needs change, the All-Access License allows easy migration from one Tun Plus solution to another.

Innovative access management

By choosing the Tun Plus All-Access License, organizations can deliver host access to every user, at any client device, on any platform and at any location. This breadth of delivery is made possible by Esker's design of Tun Plus as one product embracing three solutions:

Tun Plus PC-to-Host — Unrivaled host, database, and network-utilities access from any PC running Windows® Vista/XP/2000/2003.

Tun Plus Web-to-Host — The same comprehensive access through leading web browsers using ActiveX® or Java® technology.

Tun Plus Multi-User Windows — Complete access for virtually any client type via Citrix® MetaFrame® and Microsoft® Windows Terminal Services.

Tun Plus allows organizations to keep pace with the latest developments in connectivity and provide all users — green-screen power users, occasional Windows-style users, or mobile and remote users — with the right level of access to business-critical information resources.

An innovation in host access management, the All-Access License helps organizations consolidate all host access needs under one product and vendor, relieve system administrators and support personnel, and reduce the costs of providing host access.

Complete Tun Plus

Tun Plus delivers comprehensive host access plus broad connectivity for access to leading databases and critical network utilities.

Customizable terminal emulation

Tun Plus provides terminal emulation for more than 30 host types, including IBM® 3270 and 5250 — as well as full 3287 and 3812 printer support — HP®, DEC® VT, SCO® Unix and more.

Powerful Tun Plus customization tools let administrators create user-friendly Windows-style emulation views — adding colors, graphical toolbars and function-key panels, mouse support and clickable hotspots. Customizing Tun Plus is easy with drag-and-drop keyboard mapping and over 340 programmable actions.

Integrated database access

Tun Plus provides easy access, via the Tun Plus universal ODBC driver, to the most popular databases and file structures — DB2®, Oracle®, Informix®, Sybase®, Progress® and others.

Easy-to-use tools help simplify database access. Administrators can replace database terminology with practical business terms and regroup data tables for intuitive user interactions.

Network utilities

Tun Plus also includes TCP/IP connectivity for access to critical network resources. FTP, NFS and LPR make file and printer sharing easy. Also included are a full range of server-based components — LPD, NFSD, FTPD and RSHD.

Shared technologies

As user populations or deployment needs evolve, Tun Plus helps organizations manage the change. Shared technologies unify the PC-to-host, web-to-host and multi-user Windows solutions, and enable easy migration for user, administrator and IT manager.

All Tun Plus solutions feature a tabbed Workspace that allows users to launch multiple sessions from diverse hosts at one time. The multi-document Workspace promotes productivity by streamlining information integration.

Full-featured clients

All three solutions offer the same full-featured clients — with graphical toolbars, keyboards, client-side macros and other user-oriented functions.

Security

Tun Plus safeguards access to sensitive host data with a range of security offerings to help meet government, healthcare and other industry regulatory requirements.

- SSL (Secure Sockets Layer)
- TLS (Transport Layer Security)
- SSH (Secure Shell)
- SFTP (Secure File Transfer Protocol)
- SCP (Secure Copy Protocol)
- Triple DES
- X.509 Certificates

All-Access License Technical Specifications

Synchronous terminal emulations

- Emulations supported:
 - 3270 models: 3278 display (models 2, 3, 4, 5); 3279 display (models 2A, 2B, 3A, 3B)
 - 3270 printer: 3287 supporting SCS (LU1), DSC (LU3), and transparent modes; Basic PCL
 - 5250 models: 3179-2, 3296-A1, 5251-11, 5291-1, 5292-2, 3180-2, 3477-FC, 3477-FG
 - 5250 printer: 3812 in SCS (LU1), transparent modes, Host Print Transform
- Connectivity: TN5250, TN5250E, TN3270, TN3270E; native connections to Microsoft Host Integration (SNA) Server interface) and intraNetWare for SAA gateway
- HLLAPI support (PC-to-host, multi-user Windows/3270 emulation)
- Extended attribute support (3270 emulation)
- Multiple IND\$FILE file transfers with host data set browsing
- Enhanced firewall support via NVT mode (5250 emulation)
- Euro character support
- Eastern European character set support

Asynchronous terminal emulations

- Emulations supported:
 - Hewlett-Packard® HP 2392A, 2394, 700/92, 700/94, 700/96, 700/98
 - DEC VT 52, 100, 220, 320, 420, 520
 - SCO ANSI and ANSI
 - IBM 3151 and HFT
 - Bull® DKU 7102/7202 (SDP, VIP modes)
 - Wyse® 50 and 60, Unisys® TO300, Philips TM266, Minitel®, Siemens® BA80-08 and 97801, Linux® console, Interactive Unix console AT386, Alcatel® APX AT300, Fortune FT, Data General® Dasher® D412
- Connectivity: TCP/IP, NVT/IPX, Int 14h, Int 6Bh, serial connections (COM1-COM32), modem auto-dial, TAPI
- 350 configurable actions (function keys, control codes, escape sequences, character sets)
- Euro character support (VT, SCO, IBM 3151, Siemens 97801)
- File transfer: X, Y, Z modem, Kermit, RTUNPLUS
- Illustrated samples of Visual Basic®, Delphi®, JavaScript and Sun JDK 1.4 VM support
- Documented API: with 30 objects described

Productivity tools (all emulations)

- Multiple Document Interface (MDI) Workspace with dynamic font scaling
- Hotspots and Hotlists
- Graphical and configurable keyboard mapper
- Menu and toolbar customization with pre-configured emulation executables
- Graphical screen configuration with full color support
- Floating or dockable function-key panels with graphical editor
- Copy and paste
- Screen printing
- Customizable character tables (national character sets)
- Macro-languages: VBScript, JavaScript including a macro recorder with password encryption, Sun JDK 1.4 VM support and Esker script as well as a full-featured debugger
- Supports client/server and web development tools compatible with Microsoft COM

Network utilities

- FTP (PC-to-host, multi-user Windows)
- Bi-directional LPR/LPD printer sharing
- NFS client and server: NFS v2 and v3
- Network tools: TFTP client & server, Telnet VT320, RSH/ REXEC command & RSHD command server, WALL & WALLD (broadcast capabilities), TIME (time synchronization via TIME, SNMP protocols), PING, TAR (PC backup)

Database access

- Databases supported:
 - Windows 2000, Oracle v7, Informix v7, Progress v6-8
 - Unix: DB2/6000, Oracle v7, Informix v5 and 7, Sybase v10, Progress v6-8; C-ISAM files v4-7, open driver developer API, COBOL data types (RM-COBOL, MicroFocus COBOL, ACU-COBOL)
 - IBM MVS mainframe: DB2 for OS/390
- Unix servers supported:
 - SCO Unix, Sun® OS 4.1, Solaris® 2.5, AIX® 3.2 and 4.1, HP-UX® 10.x, DEC Unix 3.2 (OSF1)
- Universal ODBC client driver
- Encrypted password storage for automated connections
- Ready-to-use samples
- Import of Windows 2000 users for automatic user authentication
- User profile management (light or full-featured component size)

Security

- SSL 3.0, TLS 1.0, SSH 2, SFTP, SCP
- DSA authentication
- Diffie-Hellman key agreement
- X.509 certificates (generic certificate included; personalized certificates available)
- Encryption/Encoding: MD5, SHA-1, 40-bit DES, 56-bit DES, Triple DES, Secure web server compliant

Web-to-host administration

- LDAP directory support for users, groups, configurations
- Drag-and-drop assignment of resources to users
- New Session Wizard to create emulation configurations
- Publication to any intranet (URL Access) or Tun Plus Desktop
- Failover capability in a Microsoft cluster

Requirements

PC-to-host

- 133 MHz or higher Pentium-compatible CPU
- 64 MB RAM and 40 MB of disk space
- Microsoft Windows Vista/XP/2000/2003 (32-bit) with latest Windows Updates

Web-to-host

- Web server
 - Windows Server XP, 2000 or 2003 (32-bit) with latest Windows Updates
 - Microsoft Internet Information Services (5.0 on Windows 2000/6.0 on Windows 2003)
- LDAP server: Esker LDAP, or Netscape Directory Server
- Administrator machine
 - 200 MHz or faster processor, 64 MB RAM minimum, 128 MB RAM or more recommended
 - Windows Vista/XP/2000/2003 (32-bit) with latest Windows Updates
 - Microsoft Internet Explorer 4.01+SP1
- End-user machines
 - Pentium 120 with 32 MB RAM
 - Windows Vista/XP/2000/2003 (32-bit)
 - Microsoft Internet Explorer 6.0 for ActiveX components, Microsoft Internet Explorer 6.0 or Netscape 7.0 for Java components
- 40 MB of disk space
- Citrix Presentation Server™ 4.0, or a Windows TSE server or Windows 2000/2003 (32-bit) with the latest Windows Updates

Some functionality not available for the Java client.

Contact Esker for specific information.

© 2009 Esker S.A. All rights reserved. Esker, the Esker logo, Tun, and Tun Emul are trademarks or registered trademarks of Esker S.A. in the U.S. and other countries. All other trademarks are the property of their respective owners.



For more information:

Americas ▪ www.esker.com
Australia ▪ www.esker.com.au
France ▪ www.esker.fr

Germany ▪ www.esker.de
Italy ▪ www.esker.it
Singapore ▪ www.esker.com.sg

Spain ▪ www.esker.es
United Kingdom ▪ www.esker.co.uk