

File Transfer, Videoconferencing and Networking for Encryption Devices



KLASPEER₂PEER



KLAS
Making PC Encryption Easier



Making PC encryption easier

What is KlasPeer2Peer?

KlasPeer2Peer is a file transfer, videoconferencing and networking software suite designed specifically for the STE, KIV-7 and BRENT. It makes it easy to dial and answer a call for PC to PC based file transfer and videoconferencing. It also includes application sharing, remote control, whiteboard and chat to get the most out of an encrypted conference. KlasPeer2Peer is ideal for the non-technical user as it includes a simple user interface for establishing a point to point link. KlasPeer2Peer is designed to work at 64K and 128K over satellite and ISDN networks. KlasPeer2Peer works with all popular Windows operating systems including Windows 95/98, Windows Me, Windows NT 4.0* and Windows 2000/XP.

File Transfer - Fast and Easy to Use

KlasPeer2Peer makes it easy to transfer files over an encrypted link. This is ideal for the mobile user who wants to send large or small amounts of data from the field. The user can send and receive files of any type including still images, Word documents and captured video. The user is presented with a simple user interface that makes it easy to transfer files to the remote PC. File transfer is faster than email for sending large amounts of data.

Videoconferencing - Works with any Standard PC

Simply attach a standard webcam and headset to your PC for real-time encrypted videoconferencing. This is a mobile and convenient way of communicating in the field. It is specifically designed for limited bandwidth environments such as ISDN and satellite links. Because KlasPeer2Peer works with any standard laptop, it does not require a dedicated videoconferencing unit. This is perfect for the mobile user who wants to limit the amount of hardware required to make a videoconferencing call. Videoconferencing can also be used without a webcam for audio-only communication - this is particularly suitable for encryption devices such as the KIV-7 that do not have built-in voice features.

Networking - Turn your PC into an Encrypted Server

KlasPeer2Peer makes it easy to configure a PC as an encrypted dial-in server. It automatically monitors the attached STE, KIV-7 or BRENT for indications of an incoming call. When a remote user connects, KlasPeer2Peer will answer the call and automatically assign all required networking resources. This allows a non-technical user to easily transform their PC into an encrypted server.

Application Sharing, Remote Control, Whiteboard and Chat

KlasPeer2Peer allows users to share applications in real-time. This is designed for two users who want to work on the same document together when they are in different locations. Remote Control allows one user to take control of another users' PC for remote support and diagnostics. The whiteboard facility allows two users to exchange ideas by drawing on a graphical screen that updates in real-time on both the local and remote PC. Chat is a simple point to point text-based communications facility for transmitting short messages such as phone numbers.

Still Image Transfer and Store & Forward Video

Using an attached still image camera, it is possible to capture high-quality images in the field and send them using KlasPeer2Peer back to the office. For Store & Forward Video applications, a DV (Digital Video) camera can record live clips in the field and they can be transferred in the same way. These applications are ideal for KlasPeer2Peer with its built-in file transfer component which can transfer files of any type over satellite and ISDN networks.

Network Flexibility - Make Point to Point calls over any Network

KlasPeer2Peer is not confined to satellite and ISDN networks - it can also make point to point calls over PSTN and GSM (cellular) networks. For example, it can make a call from ISDN to satellite, from GSM to PSTN or from ISDN to PSTN. All of these calls can be encrypted using the appropriate encryption device. All of the supported applications including file transfer and videoconferencing are available in these configurations.

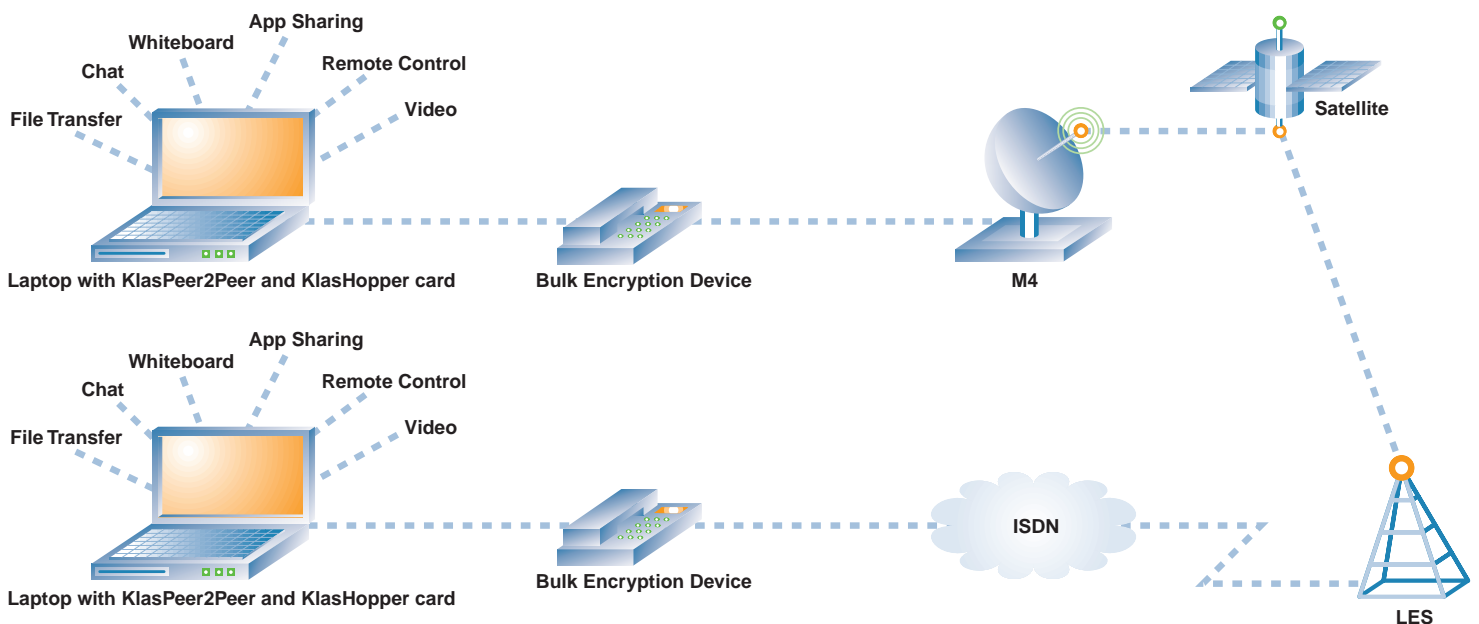
*NT 4.0 available Q4 2002.



→ Screenshots of File Transfer, Videoconferencing and Networking



→ PC to PC encrypted file transfer and videoconferencing over satellite and ISDN



Klas PC Products

KlasPeer2Peer is the perfect accessory for Klas' PC card connectivity products. KlasHopper is a PC card that makes it easy to browse the Internet, transfer files, send and receive emails and perform real-time videoconferencing using a PC connected to a STE, KIV-7 or BRENT. KlasHopper easily installs in a laptop or desktop PC and supports all popular Windows operating systems including Windows 95/98, Windows Me, Windows NT 4.0, Windows 2000 and Windows XP. Please contact Klas for more details on this product.

Encryption Devices

KIV-7 in synchronous RS-232 or RS-530 mode
STE in synchronous RS-232 or RS-530 mode
BRENT in synchronous X.21 mode

Operating Systems

Windows 95
Windows 98
Windows 98 Second Edition
Windows Me
Windows NT 4.0 (available Q4 2002)
Windows 2000
Windows XP

Applications

File Transfer (FTP)
Videoconferencing (H.323)
PC Server (RAS, DUN)
Application Sharing
Remote Control
Whiteboard
Chat

Compatible Communications Cards

KlasHopper 200 PCMCIA
KlasHopper 400 PCMCIA
KlasHopper 200 PCI
KlasHopper 400 PCI
KlasHopper M4

Telecommunications Networks

ISDN
Satellite (Inmarsat B HSD, Inmarsat M4)
PSTN
GSM

Networking Protocols

PPP
IP
TCP/IP
UDP
NetBEUI
IPX/SPX
PAP
SPAP
CHAP
MS-CHAP
MS-CHAP v2

Dial and Answer

Connect from Laptop to Laptop
Connect from Laptop to Desktop
Connect from Desktop to Laptop
Connect from Laptop to Router
Connect from Desktop to Router

Speeds

9.6K
14.4K
28.8K
64K
128K

PC Requirements

233 MHz Processor
64MB RAM
40MB Hard Disk free
256 (or greater) Display

Videoconferencing

Hardware Requirements

Webcamera
(USB for Windows 95/98/Me/2000/XP,
PCMCIA for NT 4.0)
Headset

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