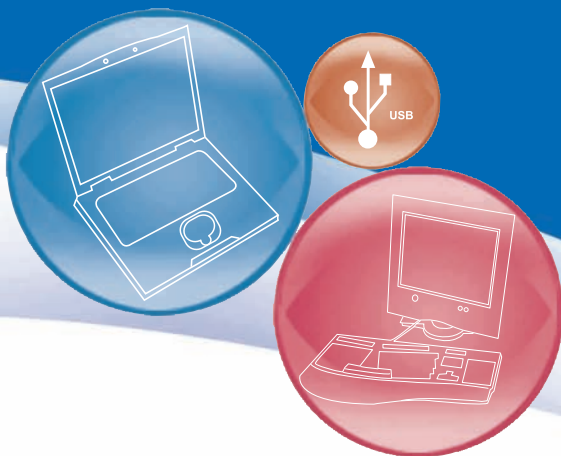




IPCrypt Client & IPCrypt Client USB

Secure Remote Access



IPCrypt Client and IPCrypt Client USB encrypt IP networks such as LANs, WANs and the Internet. Workstations and Notebooks can use IPCrypt Client as a function of the CompuSec® product line or as independent software. The IPCrypt Client software is provided free with the IPCryptor. IPCrypt Client USB uses e-Identity® to achieve a higher security level.

Universal Use

- Secure Remote Access solution for mobile systems
- Encrypted LAN
- Protection of Home-Office connections

Encryption

IPCrypt Client and IPCrypt Client USB can encrypt all the IP packets and tunnel them through the Internet. The encryption used the AES algorithm with 256-bit long keys. However, IPCrypt Client USB provides an e-Identity® smart card or token to further enhance security by storing the secrets keys in the hardware. Both IPCrypt Client and IPCrypt Client USB are also able to calculate a new session key for each individual IP packet without degrading line speed. This provides for a tremendous increase in the level of security and performance compared to traditional IPSEC solutions.

Access Control

The encryption technology used in IPCrypt Client and IPCrypt Client USB ensures that the user or station is automatically authenticated when a connection is established. These processes save the additional cost of an extra authentication mechanism. Nevertheless, if an additional authentication mechanism is required, both IPCrypt Client and IPCrypt Client USB support the RADIUS protocol.



Connection Control

IPCrypt Client and IPCrypt Client USB recognize all physical and logical network adapters in the system. Encrypted and/or non-encrypted network connections are supported. The decision on which mode is allowed at a client computer is taken by the GlobalAdmin station.

Speed

The encryption technology used in IPCrypt Client USB ensures a high speed of encryption which allows it to be easily deployed for use on LANs with a high data throughput.



Compression

IPCrypt Client and IPCrypt Client USB feature a built-in mechanism that compresses IP packets. This option increases throughput when the connection to the Internet is the bottleneck. This is in contrast to the widely used integrated compression of WAN adapters, such as the ISDN cards, where encrypted packets cannot be compressed.

Flexible IP Addressing

The remote DHCP support feature of IPCrypt Client and IPCrypt Client USB allows computers that receive a dynamic IP address from a dial-up service provider to participate in encrypted communication. The computer can receive its own internal IP address dynamically from the remote DHCP server of the IPCryptor. This advanced feature lets an organization use its own address pool even on remote notebooks.

Easy Installation

IPCrypt Client automatically senses for any hardware encryption components installed on the system. If such a component is found, it is automatically used. When no encryption hardware is installed, IPCrypt Client uses a software encryption.



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