

### Product Description



SecureDisk supports transparent PKI (Public Key Infrastructure) based virtual disk encryption. Users who want to secure a particular file or subfolder can simply copy it to the encrypted disk. All reading and writing to these files are encrypted and decrypted transparently, thereby enabling easy management of sensitive data for users. Users can then be assured that whatever confidential information securely stored.



SecureDisk safeguards all organizations' confidential information stored in their laptop, workstation and network server by encrypting and locking a designated disk drive using Triple-DES or AES encryption algorithms. It creates a disk volume whereby all files stored in this volume will be securely encrypted. This disk volume behaves just like any local disk with real-time encryption or decryption performed automatically.



In the encrypted disk could not be tampered with even if the laptop, desktop, or Network Server is compromised. To optimize the security strength, SecureDisk enables fully integrated PKI based authentication and access control that comes with default 1024/2048-bit public key and 168/256-bit encryption algorithms. Only PKI authenticated users are able to decrypt files or subfolders stored on the encrypted disk. Furthermore, file sharing with other users is possible since SecureDisk supports dynamic grouping of users' access rights.

Unlike password based encryption systems, it does not use a fixed key to encrypt the files. Therefore, adding and removing users' access will not compromise the overall security of the system. SecureDisk can also be mounted across network to secure all files that are stored or transferred over network. It protects all organizations' server from unauthorized access and hacker attacks by ensuring files access through network remains encrypted throughout the entire transmission.

## Key Features

Secure virtual disk encryption.

Transparent data/document security for the laptop and desktop.

Behave like any local disk with real-time encryption/decryption performed automatically.

Supports highest level of encryption using AES or Triple-DES.

Supports network based virtual disk encryption.

SecureDisk can be mounted across network, eg. Network Neighbourhood, Novell Netware.

Files access through network remains encrypted during transmission.

Support local, external or remote hard disk, USB flash drive, CDROM, diskette, Zip Drive, etc.

Support any file system, eg. FAT16, FAT32, NTFS, CDFS, Nwrdr, MrxSmb, etc.

Supports dynamic grouping of users' access rights.

Supports all Windows platform (Windows 95/98/ME/NT/2000/XP).

Fully integrated PKI based authentication and access control.

Comes with default 1024/2048-bit public key and 168-bit/256-bit encryption algorithms for full strength security.

Provides seamless integration with PKI smart cards and USB tokens.

Encryption keys are protected by PKI technology with smart card/USB token.

Compatible with digital IDs (certificate and keys) issued by standard public Certificate Authorities.