

Dekart® Private Disk

Overview

Private Disk allows you to create a secure space for all your work, exchange this data with others and feel assured that your information is safe from external and internal manipulation.

Private Disk is a solution, which creates one or more hidden virtual disks on your hard drive. Information stored in this secure area is automatically encrypted and may only be accessed by inserting a hardware key and entering the correct password. Without the key and password, the secure disk space is an invisible, completely undetectable, virtual disk.

The use of the eToken or smart card is the reason that Private Disk is such an effective solution as it combines both a hardware and software approach. Simple password technology is not sufficient to protect your sensitive data. Concealed password interception files are a common means to bypass this access barrier, especially if the computer is used to gain access to the Internet. As a measure of additional security, encryption information is stored right on the eToken or smart card, and not on the computer's hard drive. Once the eToken or smart card is inserted, a user has up to six attempts to enter the correct PIN code. If the correct code is not entered, the key and encrypted disk are permanently blocked and may not be opened by anyone, including Dekart Inc.

Private Disk employs an AES standard encryption algorithm. This technology ensures a high level of encryption, which does not hinder the computer's performance in any way.

Private Disk allows you to easily and safely collaborate with your colleagues. Data can be stored on a host of media such as HDD, FDD, CD, CD/R, CD/RW, MO, MD, ZIP-disks, flash drives, flash memory cards, PDAs, and even digital cameras (memory sticks). You can enhance flexibility by allowing multiple users to share a single PC. Each user will be able to create their own secure area, with an individual hardware key.

Private Disk is very easy to use and is installed within minutes. Data encryption is an effortless process, requiring only the copying of files into the designated secure drive. Private Disk keeps information safe and secure, without affecting user or computer performance.

Features and Benefits

- **Ensures top-level security for your data**
Private Disk uses state of the art encryption and transport technology for secure processing and storage of confidential information. Private Disk employs powerful cryptographic algorithms to ensure protection from decryption software, hackers and other means of crypto-analysis. Information is safe and secure from unauthorized access via physical intrusion or 3rd-party software products.
- **Reinforced two factor authentication**
Private Disk offers a combined hardware and software approach in the form of a USB key or smart card, ensuring additional security that cannot be achieved with simple password based solutions.
- **Flexible solution**
Private Disk allows for encrypted file storage on network or Internet servers, making this information available for collaborative purposes.
- **PC friendly**
Private Disk utilizes a powerful AES encryption algorithm, which will not interfere with hardware performance.
- **Fast and affordable**
Private Disk is simple to install, eliminating the need to involve external IT support.
- **Large encryption capacity**
Private Disk can support up to 2GB of encrypted space for Windows 95/98/ME users and up to 1000GB for Windows users.

System Requirements

- Windows 95/98, NT4.0, 2000, ME, XP, 2003, Vista, 7(32 and 64-bit)
- Pentium I, 166MHZ, 64MB RAM, 4MB of free space
- USB port type A or smart card reader.