

README File for SafeGuard PrivateDisk 1.00.3

1. System Requirements

A desktop computer with Microsoft Windows NT 4.0, Windows 2000 or Windows XP (all versions).

Windows NT 4.0 requires at least service pack 4.

For Windows NT 4.0 or Windows 2000 up to SP2 we suggest the installation of the Microsoft High Encryption Pack, if you want to use Microsoft Cryptographic Service Providers for certificates.

2. Version Information

SafeGuard PrivateDisk 1.00.3 contains the following improvements over version 1.00.2:

- Improved support for packet writing software for rewritable CD-RW and DVD media. With the use of such software SafeGuard PrivateDisk volume files can be created on CD-RW and DVD-RW media and be used like normal writeable disks. SafeGuard PrivateDisk 1.00.3 now also works with Ahead InCD 4 and HP DLA.
- The command "Unmount all" in the PrivateDisk context menu of the task bar has been moved from the "Unmount" submenu to the main menu.
- Creating volume files larger than 4 GB on FAT32 disks is now disabled. This is a restriction of the FAT32 file system.

SafeGuard PrivateDisk 1.00.2 contains the following improvements over version 1.00.1:

- Support of USB dangle smartcard readers like the Omnikey 6020.
- Users can be forced to use certificates for new virtual disks instead of passwords (Enterprise Edition).
- Creation of initial disks did not work under Windows NT 4.0 (Enterprise Edition).
- A crash with intense usage of NT Explorer file operations has been fixed.

SafeGuard PrivateDisk 1.00.2 further includes the improvements of version 1.00.1 over version 1.00:

- In earlier versions the NT Explorer sometimes crashed or restarted
- Support for additional third party smartcard CSP's: DataSafe CSP, SafeSign CSP, SECUDE CSP, SmartTrust Smartcard CSP, Aladdin eToken CSP, IBM TCPA CSP
- Support for cryptographic USB tokens: Aladdin eToken, Rainbow iKey 2000/3000, ActivCard ActivKey
- French user interface and online help
- Enhanced specification of the recovery certificate
- Tray icon can be turned off (Enterprise Edition)
- Error logging for CRL check (Enterprise Edition)
- The PrivateDisk volume attribute "Shareable" has been renamed to "Fixed Disk" and is available for all operating systems. When enabled, local disks are simulated instead of removable media.
- Compatibility with the Windows 2000/XP Driver Verifier

3. Installation

Administrative privileges are required to install the software.

Simply execute the SafeGuard PrivateDisk MSI package to install the software.

If the Microsoft Windows Installer component is not available on the computer (e.g. on Windows NT 4.0), there is larger EXE package for SafeGuard PrivateDisk that installs the Windows Installer component first automatically.

It is possible to install the software on a network location. Note that in this case some files might be left over in the installation directory

after deinstallation.

The software can be used immediately after installation. Normally, no reboot is necessary after installing SafeGuard PrivateDisk. Under Windows NT 4.0, however, updating some older Microsoft redistributable components might make a reboot necessary.

When installing the software with Active Directory (GPO), the following issues should be considered:

- SafeGuard PrivateDisk can only be installed per computer (Computer Configuration), not for single users (User Configuration).
- If a program package has a different language than the operating system of the client machine, then the setting "Ignore language when deploying this package" must be enabled for the package, otherwise the software will not be installed automatically.

4. Notes

* Single Login Password

The single login password is not shared between the multiple modules of SafeGuard PrivateDisk. If you mount some disks from within the main application and some others using the tray icon or the shell extension and you are using the single login feature, then you will have to enter the single login password more than once.

* Recovery Certificate (Enterprise Edition Feature)

The administrative template (ADM) of the Enterprise Edition can be used to define a recovery certificate, which is added automatically to new PrivateDisk volumes. This feature can be used by security administrators to gain access to encrypted data of users, e.g. after a user left the company or when a user forgets his password.

Note that the recovery certificate is only identified by its serial number, which is not always unique (there might be multiple certificates with identical serial numbers from different issuers). In that case the first found certificate would be entered as recovery certificate. The next version of PrivateDisk will be able to exactly specify the recovery certificate.

5. Known Issues

* Deinstallation of Utimaco Products

When deinstalling SafeGuard Biometrics 1.60, SafeGuard Advanced Security 3.10 or older versions of this software, the ADM template files are deleted. Please run a "Repair" command for the SafeGuard PrivateDisk installation (Control Panel / Add or Remove Programs / SafeGuard PrivateDisk / Change) to restore the files.

* SafeGuard LAN Crypt 2.10 and 2.00

The definition of a LAN Crypt profile for encrypting whole PrivateDisk drives (e.g. "P:*.*") leads to an encryption of all files on all drives! This issue will be solved in later releases of SafeGuard LAN Crypt.

Encrypting PrivateDisk volume files (*.vol) with SafeGuard LAN Crypt is not possible.

July, 8th 2003, Utimaco Safeware AG, Oberursel, Germany