



Encrypting Removable Media, Files and Folders

*Making the Complex and Difficult appear Easy and Transparent...
Advancements in encryption to protect data at rest.*

Benefits:

- Read encrypted data without employing any other software.
- Group files provide transparent access for all group members.
- Individual or group access rights can be centrally managed.
- Application association automatically encrypts files.
- Files copied from encrypted media remain encrypted.

Instances of data security breaches:

- **Loss of a hard drive:** Notebook / desktop is lost or stolen where unauthorized users can directly access the hard drive by turning the computer on or by installing the hard drive as a secondary drive in another system and reading the raw, unsecured data.
- **Data leakage through removable media:** Unauthorized insiders copy data to removable media such as USB thumb drives, CD/DVDs, etc.
- **Data being read by users outside of a group or department:** Sensitive data is legally transferred onto removable media, and then lost.
- **Internal threat:** Insider with malicious have inside access to unauthorized information.
- **Data leakage through emails, networks and other ports such as Infrared and Bluetooth:** Unauthorized users copy sensitive data over the network or data is accidentally leaked by legitimate users.
- **Unencrypted data transferred from encrypted drive:** Copying data from a secured drive to a target drive leaves data unprotected.

Comprehensive Data Security Solutions offered by SecureDoc:

- Full-disk encryption (Sector based)
- File encryption (File based)
- Folder encryption (File based)
- Container / Virtual drive encryption (Sector based)

The role of these advancements in data encryption:

- Protect your data from being compromised after the loss of USB thumb drive or other forms of removable media
- Protect your data against unauthorized access to your CD/DVDs
- Ensure that only authorized members in your group have transparent access to your encrypted data files



WINMAGIC®
DATA SECURITY

Knowing You're Protected

“Automagical” File and Folder Encryption: Raising the Bar

- Transparent File/Folder Encryption
- Application association where files are automatically encrypted
- File encryption to be treated like full disk encryption
- Automatic encryption for files and folders
- Seamless encryption for designated folders

Comprehensive, Robust Removable Media Encryption (USB external storage devices, CD/DVDs)

- Encrypt entire device sector by sector, no exposed file names
- Authentication required for access
- DiskViewer for external usage
- Automatic encryption of CD/DVDs transparently
- Use existing CD/DVD authoring tools – no extra steps involved
- ContainerViewer for external usage
- Central policy management and on-demand key provisioning

Dynamic Key Provisioning and Management

- Server based access control for key provisioning
- Better centralized management of keys and key files
- Support key files with 10,000’s of keys
- Support powerful and sophisticated dynamic key management
- Central policy administration for groups / departments
- Share data with authorized members transparently

Sector Based Encryption

- All data is encrypted
- File/Folder names not exposed
- Totally transparent
- Use standard CD/DVD authoring tools
- Automatic key provisioning
- Automatic sharing of data objects
- Policies are automatically enforced
- Centrally managed

Comprehensive Data Security: Benefits of SecureDoc Encryption Solutions for Data at Rest

- User Transparency / Ease of Use
- Full-disk encryption for ultimate protection
- File/Folder encryption for ease of use and transparency
- Container encryption in support of removable media
- Enterprise-class key management
- Government-grade encryption standards
- Implementation and seamless execution
- Adherence to security policies
- Data Recovery
- Information Sharing
- Interoperability with your existing IT infrastructure
- Full support for disk and imaging utilities
- Based on open, industry standards
- Certifications and validations
- Vendor’s pedigree



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WinMagic's SecureDoc full-disk encryption solutions make it simple to protect all data on desktops, laptops, tablets and removable media including USB thumb drives, CD/DVDs, and SD Cards. Compatible with Microsoft Windows 7, Vista, XP, and 2000 as well as Mac and Linux platforms, SecureDoc makes it just as easy to centrally manage and use an encrypted device as an unencrypted device including Seagate and Opal self-encrypting drives. WinMagic is trusted by thousands of enterprises and government organizations worldwide to minimize business risks, meet privacy/regulatory compliance requirements, and protect valuable information assets against unauthorized access. With a full complement of professional and customer services, WinMagic supports over three million SecureDoc users in approximately 43 countries. For more information, please visit www.winmagic.com, call 1-888-879-5879 or e-mail us at info@winmagic.com.