



Winmagic SecureDoc Enterprise Server 4.3.1

Decision criteria

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Current Version and it's functionality

The current version of SecureDoc Enterprise Server is 4.31 SR2
(<http://www.winmagic.com/solutions/securedoc-ent.html>)

SecureDoc Enterprise Server is a powerful system to administrate the installation and configuration of the hard disk encryption tool from Winmagic. With SecureDoc Enterprise Server you can create custom installation packages, distribute configurations and control access to encrypted resources on low efforts.

The client software that comes with SecureDoc Enterprise Server is providing highest protection of the information in an organisation by encrypting them on hard disks of notebooks, PDAs, desktop computers or server and on removable medias like usb volumes or CD /DVD. Furthermore SecureDoc provides the option to protect access to the encrypted information by strongest authentication technologies as there are biometric systems for example.

SecureDoc achieved following certifications:

- FIPS 140-1 Level 2 certification
- FIPS 140-2 Level 1 & 2 certification (Cert # 698 & 699)
- NSA certified for usage on "SECRET data" in US governmental agencies
- HSPD-12 Initiative (US State Department and Homeland Security)
- „AES validation" of NIST (National Institute of Standards and Technology – USA)

Encryption strength: AES 256 (Advanced Encryption Standard with 256 bit key length)

Access protection (authentication before access to encrypted information - options):

- username + password
- RSA token
- Smartcard / smart token – digital certificates + pin
- Smartcard / smart token – digital certificates + biometric identification

Application in the organisation:

- Protecting information on mobile devices such as notebooks or PDAs by encrypting hard disks and pre boot authentication
- Protecting information on desktop computers and servers by encrypting hard disks
- Setup of so called secure areas – encrypted areas on special protected servers (e.g. human resources file share)
- Encryption of CD / DVD (can be enforced on demand)
- Encryption of usb medias (can be enforced on demand)
- Encryption of files and folders
- Transmition of encrypted files or folders to external person of special trust (e.g. lawyer, customers) by using "self extractor"

Administrative effort

SecureDoc Enterprise Server is solving the main problem of every encryption technology: administrating the access of authorized users to protected information. Therefore only minimal changes in the existing systems are necessary.

Efforts in operational state:

- Backup of the SES database – system administrator
- On demand: adding user access to devices – helpdesk
- On demand: recovery of forgotten passwords or lost tokens – helpdesk

- On demand: unlocking locked devices – helpdesk
- On demand: preparation of encrypted usb media

Efforts before and during installation:

- Writing a concept (architecture, disposition of services, application of functionalities, authentication, authentication, encryption, user rights and permissions, password/ token recovery, user support) – senior systems engineer
- Installation of server software – senior systems engineer
- Creation of custom client packages and profiles - systems administrator
- Rollout of client software (using an existing software distribution tool or doing it manually) – system administrator / helpdesk

Impact to the users:

- Optional: the user has to log on before the start of the device. Without successful authentication the start of the device is not possible
- Optional: the user has to encrypt a removable medium (CD/ DVD or usb volume) before using it.

Licensing the SecureDoc Enterprise Server (SES)

Licensing of SecureDoc and SecureDoc Enterprise Server is based on a client licensing model. You purchase client licenses that are offered scaled on numbers of client installations. Server licenses need to be purchased separately

SecureDoc Enterprise Edition Version 4.3 for Windows 2000/XP/2003/Vista (includes one license of SecureDoc Enterprise Server, additional Servers on request)	1 to 99 licenses
	100 to 499 licenses
	1000 to 1999 licenses
	2000 to 2999 licenses
	3000 to 4999 licenses
	5000+ licenses

Included in the licenses are updates and technical support for one year also.

12 Months of Software Updates & Technical Support - Phone in or e-mail Service Technical Support hours: 9 AM - 5 PM (Eastern Standard Time Zone, EST)
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For more information in prices please contact....

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