

SafeNet ProtectDrive™

Disk and Removable Media Encryption

Top benefits cited by ProtectDrive™ customers:

- Superior TCO via robust Microsoft® Active Directory™ or ADAM integration; no additional training necessary and lower ongoing management costs
- Readily adopted by end users because operation is high performance and transparent
- No synchronization issues - ProtectDrive™ uses Active Directory™ or ADAM natively, ensuring that when a laptop is lost the security profile is current
- Single point of management; administrators do not need to learn new applications to manage and roll out ProtectDrive™
- Assured regulatory compliance with ProtectDrive™ full disk encryption
- Stops data theft by rogue employees onto removable media like USB memory sticks
- Eliminates special hard drive disposal expenditures
- Protects servers and workstations as well

Low Deployment and Management Costs

Why mention total cost of ownership (TCO) before talking about technology? After all, we're best known for things like securing Air Force One telecommunications and protecting, on a daily basis, billions in bank fund transfers.

Today, however, bullet-proof security is just one of several fundamental requirements. When an IT staff cannot efficiently deploy and manage disk encryption software, or end-users resist security measures because they are cumbersome, costs escalate. Under these types of conditions, security suffers. To address these concerns, ProtectDrive™ delivers low-cost management by leveraging Microsoft® Active Directory™ or ADAM as its management platform. This elimination of an additional management platform is a simple, elegant solution that accelerates deployments while minimizing training requirements.



5 Stars
SC Magazine
Recommended



The world's first full disk encryption solution.

Features	★★★★★
Ease of Use	★★★★★
Performance	★★★★★
Documentation	★★★★★
Support	★★★★★
Value for Money	★★★★★
Overall Rating	★★★★★

Our approach allows organizations to use their existing software, hardware, processes, and knowledge to centrally manage the disk encryption function. End-users require no training. Only basic administrator training and knowledge are required for deployment and on-going management. Simple and automated network roll-out support through the MSI installation package or Active Directory™ GPO allows quick and low-cost deployments, even in very large environments. The result: a streamlined roll-out without end-user resistance.

Our Proven Track Record

Receiving an Overall Five Star Review from the industry leader SC Magazine, ProtectDrive garnered across the board 5 stars in every category judged - Value, performance, features, support, documentation and ease-of-use. A key component of SafeNet's Data at Rest Suite, ProtectDrive is the most secure and cost-effective full-disk encryption and removable media encryption solution available.

ProtectDrive™ is scalable, having been deployed worldwide by leading government agencies, corporations, and small businesses, from single computer installations to tens of thousands of users. The most demanding customers choose ProtectDrive™ because it encrypts and decrypts data 'on the fly' using strong encryption algorithms, including AES-256. Encryption and decryption are performed transparently, without the need for any end-user interaction.

Key Features

Supports a wide variety of tokens and smart cards, including CAC

Active Directory™ or ADAM - based central management or local management

100% hard drive encryption of:

- Local and remote servers, network drives, workstations, and laptops
 - User data, system files, hidden files, page files, temporary files
- Registry settings, hibernation files

Password-based removable media protection

Strong encryption algorithm and key strength with secure key management

Strong authentication with optional password fallback

Single Sign-On to pre-boot authentication

Master boot record virus protection

Maximum transparency requiring no user interaction

Easy deployment for large user bases

Efficient and secure data and remote password recovery

Secure logging of pre-boot events, such as login attempts and password changes

*Hibernation support
Minimal processing overhead*



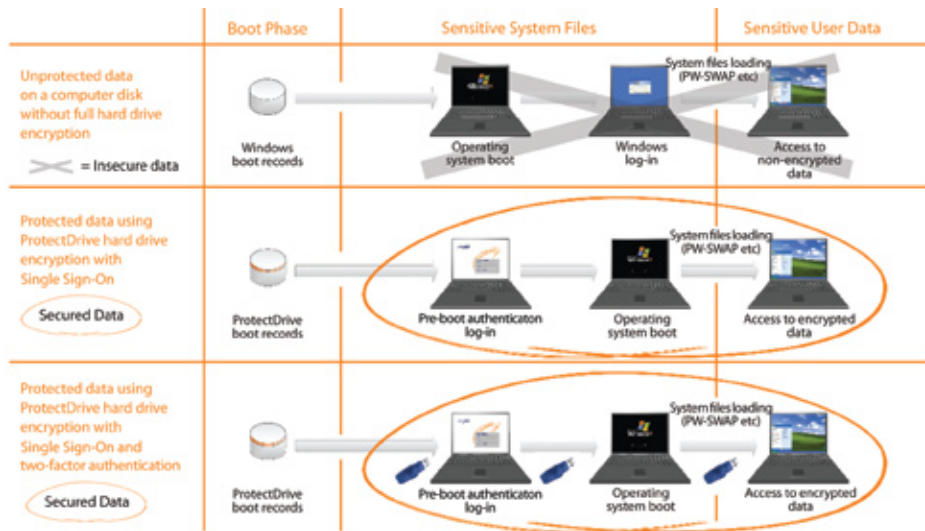


Illustration of how ProtectDrive hard disk encryption secures system authentication, loading of system files, and sensitive user data in comparison to an unsecured computer.

A Unique Advantage in Two-Factor Authentication

ProtectDrive™ is the only Data-at-Rest solution that comes from a security vendor that also designs two-factor authentication tools like tokens and smart cards. This assures end-users of flawless interoperability both today and in the future. As well, ProtectDrive™ works with a wide variety of third-party solutions. With two-factor authentication configured, users can only graduate from ProtectDrive's™ pre-boot environment to the Windows® environment after successfully presenting something they have (a token) with something they know (a PIN).

Secure and Manageable Removable Media

Removable media devices like USB memory sticks and portable hard disk drives are ubiquitous today. Monitoring them one-by-one is akin to registering each piece of paper being printed. That can be done in small numbers, but becomes very costly and difficult to manage as usage grows.

ProtectDrive™ provides password-based protection for removable media and introduces the "secure company medium." Once a medium is used by anyone in the company to store information, it automatically becomes a secure company medium. Only users within the company who know the password can access the medium. Employees who are explicitly granted permissions can use it outside the company's perimeter. Combined with port management and device control, which permits the configuration of allowable device types, removable media devices are brought under control—the result is secure media with minimal IT management and maximum user acceptance.



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 PB-ProtectDrive-09.04.08

Technical Specifications

Encryption Algorithms

- DES, 3DES, IDEA, AES-128, AES-192, AES-256

Security Certifications

- Common Criteria EAL-4
- FIPS 140-2 Level 2 validated

Supported Platforms

- Microsoft Windows XP, 2000, Vista, Client and Server, 2003 Server
- Citrix Winframe and Metaframe

Supported Two-Factor Authentication

- SafeNet® iKey™ 1000
- SafeNet® iKey™ 2032
- SafeNet® iKey™ 4000
- U.S. DoD Common Access Card (CAC) and many more: contact us for details

Minimum System Requirements

- 10Mb of free disk space
- Software Management Tools
- Active Directory, RIS, SMS, Tivoli, TNG, and others