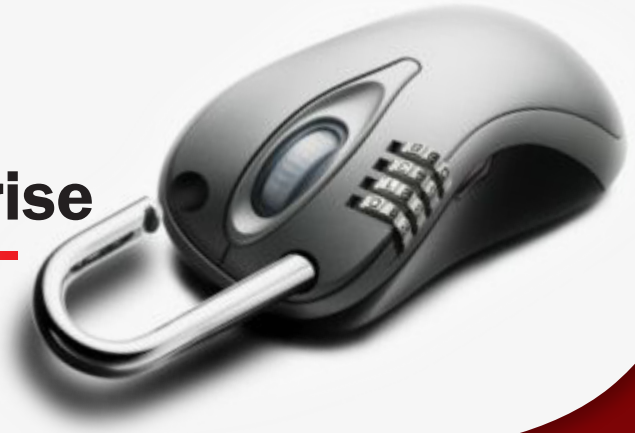
SECUDE

FinallySecure™ Enterprise



End-Point Data Protection

The use of portable computers is growing at a phenomenal rate as laptops are becoming cheap and replaceable. Unfortunately, data within these laptops are not. Companies must implement an effective Full Disk Encryption solution without compromising the business workflow.

Global Cost of Data Breach

According to a 2009 study by the Ponemon Institute, the average organizational cost of a data breach during the study period was $3.4 million. Region-wise, this is how the picture looked:

United States:	$6.75 million
Germany:	$3.44 million
United Kingdom:	$2.57 million
France:	$2.53
Australia:	$1.83 million

In the study, the most expensive data breach cost a company more than $31 million to resolve. The least expensive total cost of data breach for a company was approximately $341,736. The magnitude of the breach event ranged from approximately 2,500 to approximately 101,000 lost or stolen records.

32% off all case in this year involved in laptop stolen.

Industry (Cost per Compromised Record)

Finance:	$188
Communications:	$165
Technology:	$130
Consumer:	$123
Retail:	$94

The average cost of lost records containing personal information is $197 per record with an average loss of 31,979 records. A data breach is estimated to be a net loss of $6.3 million.

Rapidly changing government data regulations also need to be addressed. Regulations such as HIPAA, PCI DSS, and Sarbanes-Oxley require robust electronic data protection management. Such laws require protection of credit card information, health records, and financial records.

The cost of lawsuits and legislative compliance-related fines can be substantial simply due to lost, stolen, or even just unprotected data. Companies should also be wary of irreversible damage to corporate reputation because of data breaches.

Software-FDE alone is not enough

> Impact of CPU's performance due to continuous hard-drive encryption slows workflow
> Initial hard drive encryption is required
> Repurposing an encrypted drive is not instantaneous
> Upgrading the operating system can be difficult

Hardware-FDE alone is not enough

> No support for older legacy systems
> Many hardware FDE vendors provide weak BIOS password authentication
> Encryption algorithm cannot be changed or selected

The Case for Hybrid FDE

FinallySecure™ Enterprise provides hybrid data-at-rest protection with Pre-Boot Authentication by combining hardware- and software-based technologies. FinallySecure™ Enterprise offers companies an out-of-the-box migration path from software- to hardware-based FDE using a single installation package and license.

FinallySecure™ Enterprise offers total data-at-rest security with software- or hardware-based Full Disk Encryption. FinallySecure™ Enterprise is the first link in the authentication chain, providing an adaptive technology with risk management and productivity gains for end-to-end security. This allows your business to survive, adapt, and grow in a heterogeneous IT ecosystem

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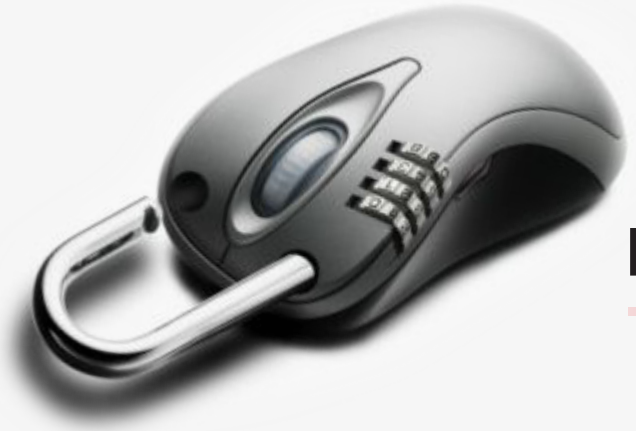

FinallySecure™ Enterprise

Features

Operating System:
- Microsoft Windows XP/Vista/7 (32bit/64bit)

Encryption Standards:
- AES (128, 192, 256)
- DES
- DESX
- Blowfish

Authentication Method:
- Username/password
- Active Directory
- Smart Cards (X.509)
- RSA SecurID®

Smart Card Support:
- PKCS#11

Central Management
- Active Directory & LDAP support
- Reporting & Auditing
- Remote Configuration
- Remote Kill/Decommissiong
- Challenge/Response helpdesk
- Multi-user and Role Support
- Enterprise API for integration into existing management landscape
- Powerful scripting engine

Single sign-on to Operating System

Encryption of USB devices

FinallySecure™ Enterprise is the first Full Disk Encryption solution that offers complete coverage of enterprise systems with both software and hardware support. FinallySecure™ Enterprise provides the choices your business needs to survive, adapt, and grow in a heterogenous IT environment.

Ease of Use

Protection & Performance

FinallySecure™ Enterprise is the first solution in the world that works with both software and hardware FDE technologies. It has the ability to encrypt only used sectors of the HDD, thus dramatically speeding up the initial encryption process. With hardware FDE, encryption is done on the fly with a dedicated chip embedded into the HDD itself and not in the CPU.

Central Management

Many companies do not encrypt because of impracticality for both end users and IT administrators. FinallySecure™ Enterprise provides centralized management with remote configuration, remote decommissioning, an intuitive interface, and synchronization with Microsoft Active Directory™.

Adaptability

A Path to Endpoint Protection

Many companies will not replace HDDs in existing computers. Only a hybrid FDE solution will allow companies to adopt cutting-edge hard drive FDE technology and still protect legacy computers under a single management system.

Integrated Data Protection

Hard-drive encryption alone cannot guarantee the integrity of data transmitted across computers. Companies need a hard drive encryption solution that seamlessly integrates with file and folder, messaging, and digital signature encryption technologies. This solution is designed to blend seamlessly with other data protection applications provided by SECUDE.

Security

FIPS Certified

FinallySecure™ Enterprise supports the use of FIPS-certified algorithms for both hardware- and software-based Full Disk Encryption.

Pre-Boot Authentication

Without authentication, encryption is useless. FinallySecure™ Enterprise provides both encryption and authentication. PBA enables encryption of the entire hard drive from temporary files to the operating system itself. FinallySecure™ Enterprise utilizes a Linux pre-boot partition to authenticate and authorize users before booting to the operating system.

Cryptographic Secure Erase

Hardware-based encryption allows instant secure erasure of confidential and proprietary information stored on the HDD. By removing the key used for encryption, all data is irrevocably lost, making it easy to redeploy or retire the HDDs.

Related Products

- Secure Device
- Secure Mail
- Secure File
- Secure Folder
- DevicePro®

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