

# The Ultimate Data Protection Solution

- Proactive
- Persistent
- Pervasive
- At rest
- On the move
- In the cloud



## What is SecureData?

SecureData is a smart, automated, highly flexible policy-based end-to-end Data encryption solution that persistently protects user data files and folders from unintended data leaks, irrespective of storage media. Its unique 3P (Proactive, Pervasive, Persistent) technology, combined with proprietary Application Binding and Application Whitelisting, not only ensures your data **Remains** protected, even in network backup and cloud services, but also **Remain** resistant to the actions of Advanced Persistent Threats, Sniffers and Man-in-The-middle attacks.



## SecureData's Advantages Over Full Disk Encryption

	SecureData	Full Disk Encryption
Secure File Storage in All Storage Media	<ul style="list-style-type: none"> <li>• Encrypts all files individually.</li> <li>• All files created, edited, moved or copied to all storage media are encrypted.</li> </ul>	<ul style="list-style-type: none"> <li>• Encrypts the entire hard disk and operating system.</li> <li>• All files moved or copied to other storage media are no longer protected and can be read in plain.</li> </ul>
Maximum Security with No Data Leakage	<ul style="list-style-type: none"> <li>• File-level encryption ensures all files remain encrypted at all time.</li> <li>• Provides maximum security against unintended data leaks and unauthorized prying eyes.</li> </ul>	<ul style="list-style-type: none"> <li>• Anyone with physical or remote access to the computers will be able to view, access and copy out the files in plain.</li> </ul>
One-stop Transparent Encryption	<ul style="list-style-type: none"> <li>• Encrypts files before leaving the client machine and remain encrypted whilst transmitting over the network to the network file server.</li> <li>• Provides users with a cost effective, hassle-free and one-stop transparent encryption for all storage media and networks.</li> </ul>	<ul style="list-style-type: none"> <li>• Files are not protected once they leave the client machine.</li> <li>• Full Disk Encryption users need to source for other encryption solutions to secure those data stored in other storage media or distributed over the network.</li> </ul>
Secure File Sharing with Policy-based Security Control	<ul style="list-style-type: none"> <li>• Allows secure file sharing between authorized users.</li> <li>• Enables users to set specific policy controls to define various levels of access rights to different users.</li> </ul>	<ul style="list-style-type: none"> <li>• Unable to share files securely.</li> <li>• No access control.</li> </ul>
Secure and Efficient Backup	<ul style="list-style-type: none"> <li>• Allows users to perform daily incremental secure backups of only modified files to significantly reduce the storage space.</li> <li>• Data files backup in tapes remain encrypted.</li> </ul>	<ul style="list-style-type: none"> <li>• Backup encrypted files by copying the full disk image which consumes enormous storage space.</li> <li>• Data files backup in tapes are no longer protected and can be read in plain.</li> </ul>
Fast and Easy to Configure and Setup	<ul style="list-style-type: none"> <li>• Enables transparent and automatic encryption without user's involvement.</li> <li>• Relieves users from any complicated configurations and setups.</li> </ul>	<ul style="list-style-type: none"> <li>• Requires users to define different sets of passwords or tokens and to create an emergency boot CD.</li> <li>• Takes users a few hours to complete an installation.</li> </ul>
MySecureDrive ( <a href="http://www.mysecuredrive.com">www.mysecuredrive.com</a> )	<ul style="list-style-type: none"> <li>• Enables users to securely share files with non-SecureData users via any storage devices.</li> <li>• Copies and runs MySecureDrive in the storage itself to enable automatic encryption and decryption of files.</li> </ul>	<ul style="list-style-type: none"> <li>• Unable to share files securely with any users.</li> </ul>

# Key Features

## 1. Protects Data Privacy

- Full-strength transparent and automatic encryption of all files, including all temporary files and system page file, at any points.
- Complete encryption of data traffics over networks like network file servers and network disks.
- One-stop transparent encryption of files created, edited, copied or moved to all storage devices like network file servers, network disks, local disks, USB/Firewire drives, Media cards, CD/DVD, backup tapes and floppy disks.
- Supports file sharing without compromising security.
- Protects against insiders from stealing sensitive documents.

## 2. Provides Policy-Based Security and Centralized Management Control

- Easy configurable policy control to support individual enterprise security requirements.
- User specific policy control to provide different security rights to different users.
- Web-based console for centralized policy update and log management.
- Standard MSI packaging allowing central deployment via GPO, SMS, Tivoli, etc.
- Using the same centralized infrastructure for policy updates.

## 3. Achieves Regulatory Compliance

- Payment Card Industry Data Security Standard (PCI DSS)
- Data Privacy Bill (eg. California SB 1386)
- Protection of Sensitive Agency Info (White House OMB)
- Sarbanes-Oxley (SOX)
- Health Insurance Portability & Accountability Act (HIPAA)
- Gramm-Leach-Bliley Act (GLBA)

## 4. Military Grade Implemented Security

- Two-way authenticated TLS/SSL Connection ensures full protection on policy.
- Supports default 256-bit AES encryption.
- Supports unlimited key length RSA, DSA, ECDH & ECDSA
- Comprehensive certificate, CRL and OCSP support.
- Multiple user profiles management with unlimited user key history support
- PKI optimization with local management of peer certificates
- User created self-signed certificate
- Support all standard X.509 v3 certificates

## 5. Provides Two-Factor Security with Smart Card / USB Token

- PKCS#11 standard compliance
- Multiple & simultaneous smart card and USB token support
- Support password protected soft key

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## → Need More Information?

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