

# ENCRYPTION AT ITS BEST

“The integration of EasiShare and SecureData allows for better productivity and collaboration within and between organizations by making file security seamless and inherent to every file at all times.”

SecureData is a smart, highly flexible, policy-based end-to-end data encryption solution that protects files and folders from data leaks across all types of storage media.

SecureData runs as an invisible endpoint agent that automatically encrypts all user files without user deliberation, action, or even awareness. Employing a seamless public key infrastructure (PKI) implementation, the persistent encryption individualizes and protects each file, whether it's in use, stored, lost, or stolen.

The individualized encryption of SecureData persists when a file is moved across different storage media, network locations, or depending on company policies, even when attached to an email or stored in the cloud. And using public key infrastructure (PKI), files can be shared for collaboration and access.

## CHALLENGES

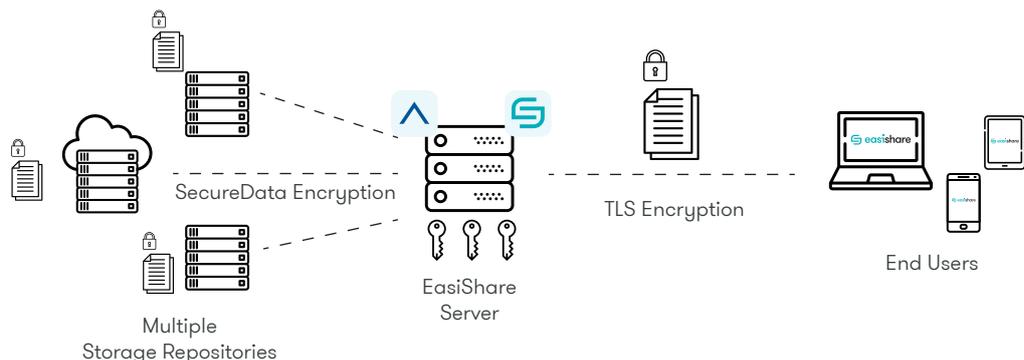
While at rest, files are vulnerable against bulk loss or theft either from inside or outside parties. Inactive or archival data typically outlives the physical hardware and network infrastructure in which it resides. When copied to a new media, the data presents issues of replication, secure deletion, and key management problems, leading many administrators to keep the data plain behind periphery solutions.

Subsequently, the majority of data theft and leakages stem from attacks to data while in use or in motion. Data files protected by volume encryption tools only enjoy protection when they are inactive and inaccessible.

Finally, sophisticated malware attacks are launched primarily for the purpose of breaching networks and systems, leaving sensitive information open for exploitation by nefarious parties.

## SOLUTION ARCHITECTURE

End-to-end encryption with SecureData and EasiShare, both in-transit and at-rest.



## RESOURCES

[SecureAge Resources](#)

[EasiShare Resources](#)

## HOW IT WORKS

EasiShare's integration with SecureAge addresses the security problems that organisations have been facing in a world where cyber-attacks have become part of our daily lives. Integrating with SecureData, EasiShare provides an end-to-end encryption both in-transit and at-rest to create a more secure environment for organisations.

EasiShare works seamlessly with SecureAge SecureData's automatic file and folder encryption. The combination of EasiShare's secure file sharing and SecureData's automatic file level encryption ensures that data on CIFS and local drives are protected at all times while retaining accessibility and mobility throughout a file's lifespan.

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## KEY BENEFITS

Today, the rate at which organizations create and share files is increasing exponentially. EasiShare and SecureAge SecureData integration allows for inherent and invisible security for every file, every place, and every time.

### Protection for Data-at-Rest

SecureData is designed to protect data stored on any media, in any location, and at all times, either as single files or volumes of collected files. SecureAge solutions allow encrypted data to live forever on any type of media.

### Protection for Data-in-Motion

SecureData maintains the integrity and robustness of the encryption regardless of the state of use or location of any data file. Whether a file is open and active or in transit within an internal network or out on the open internet, SecureData protects the files in any state, allowing you to work on them safely.

### Protection from Malware

SecureData is not only for preventing data from ever being in a plain or vulnerable state, but also for preventing malware from running in the first place. Application whitelisting can stop unknown processes from executing, while application binding can minimise data loss to a single file type when a trusted application is subject to a zero-day attack.

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[www.inspire-tech.com](http://www.inspire-tech.com)

Established in 2000 in Singapore, Inspire-Tech has grown from a humble start-up into a future-driven and internationally expanding organisation which provides easy-to-use and secure software products and services.

Since its establishment, Inspire-Tech has helped more than 500 organisations to boost their workforce efficiency and productivity, and empower their employees to do more, sustainably.

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[www.secureage.com](http://www.secureage.com)

SecureAge Technology is a rapidly growing data security company that places security and usability on equal footing. Headquartered in Singapore, SecureAge is trusted by governments, research institutes, and forward-thinking organisations.

SecureAge users can enjoy 100% file-level security, every file, every place, and every time. SecureAge protects organisation's data while it operates silently in the background, and supports the way people collaborate.