

What is SecureAge Security Suite?

SecureAge Security Suite is a comprehensive end-to-end security solution that fully protects email, user data files and storage disk using SecureAge's unique 3Ps technology.



What is 3Ps Technology?

3Ps technology is developed by SecureAge Technology with the notion of providing a more intelligent, robust and scalable data security solution that go beyond end-point protection. They provide a fully secured environment with automatic, transparent and more versatile data encryption.

- P**roactive Smart and automatic encryption of all user data files without user's involvement.
- P**ervasive User data files are encrypted in all local, removable and network storage.
- P**ersistent All user data files are encrypted at rest and on the move.

The Core Components of SecureAge Security Suite

1. SecureData (SecureDs)

SecureData is an end-to-end encryption solution that offers a reliable way to prevent unintended data leaks at any points by providing a fully encrypted environment. With a smart-policy based encryption technology, SecureData avoids the conventional security and management issues often associated with full disk encryption methods. The user data files will be automatically encrypted from the point the files are first created to the point when they are edited, moved or copied to any type of storage media. When disseminating sensitive information over the network, SecureData ensures that files are encrypted before leaving the client machine and remain encrypted whilst transmitting over the network to the network file server. It allows users to share files securely with one another via their network file server or removable storage devices by defining a list of authorized recipients. Users can also set specific policy controls that provide various levels of access rights to different users, thereby enabling them to share computer hard drives without giving up their passwords or secret keys.

2. SecureEmail

SecureEmail provides a powerful policy based security control. It allows intuitive labelling of sensitive email information and controls how each labelled email should be treated when it is transmitted, stored, forwarded and replied to. We have further enhanced its security feature to include Digital Right Management (DRM). It enables the email sender to specify how the recipient can treat the email upon receiving it. Now the email sender can have a peace of mind knowing that the recipient is unable to forward, copy, print screen and access the email beyond the stipulated expiry date.

3. SecureDisk

SecureDisk creates and manages secure disk volumes on your laptop, workstation, and network server. It also allows secure disk encryption on any storage devices (eg. local hard disk and removable media like USB flash drive).

4. SecureFile

SecureFile helps enterprises to protect their mission critical data efficiently and securely beyond locking the

filing cabinet. It is a user-friendly digital signature and encryption application that provides fast and secure signing and encryption of any type of file (text file, bitmap file, binary file etc). Apart from providing a manual mode of securing files, SecureFile also provides a seamless and programmatic mode of protecting files with its SecureAge COM API. SecureAge COM API is a set of APIs for developers to add security features, build and create their own applications on SecureAge platform in an easy, seamless and hassle free manner. It enables developers to directly access SecureAge

platforms and embed SecureAge services into their own applications seamlessly.

5. SecureAge Management Server

SecureAge Management Server enables enterprises to centrally control all SecureAge software deployment. It provides central policy control, audit log and key management for the SecureAge Security Suites, including SecureEmail and SecureData.

Key Features

1. Protects the Data and Email

- Automatic file encryption, including all user data files, temporary files and system page file.
- Full encryption of data traffic over networks and within the cloud.

2. Prevents Data Breach

- Transparently encrypts all documents stored in any local, removable and network storage devices.
- Transparently encrypts all documents which are being transferred between devices/networks.
- Effectively protects data all the time – at rest, in transit, beyond end-point – and even outsmart network sniffers.
- Protects files copied from remote desktop to thin client.
- Protects against data espionage via worms and Trojan Horses.

3. Data Access Audit Management

- Provides full visibility to data access audit log for forensic analysis and historical trace purposes.
- Easy configuration of policy control to support individual enterprise security requirements.
- User specific policy control to provide different security rights to different users.
- Web-based console for policy update and log management.

4. Military Grade Implemented Security

- A ready commercial product since year 2000.
- Supports default 256-bit AES encryption.
- Supports unlimited key length RSA, DSA, ECDH, and 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 certificates.
- Free certificates from SecureAge CA server.
- PKCS#11 standard compliance.
- Multiple & simultaneous smart card and USB token support.
- Supports password protected key storage.

5. Regulatory Compliance

- Health Insurance Portability & Accountability Act (HIPAA)
- Protection of Sensitive Agency Info (White House OMB)
- California Security Breach Information Act (Senate Bill 1386)
- Gramm-Leach-Bliley Act (GLBA)
- PCI Data Security Standard
- Sarbanes-Oxley (SOX)

→ Need More Information?

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