



## SecureDoc Enterprise Server Management Solution

### Central Management of Everything Encryption

- Single-view console reduces risk of out of compliance devices
- Central management of all encryption keys and policies
- Simplified reporting & auditing for compliance
- Fast & comprehensive deployment reduces costs



You can say you make systems secure and compliant. Or, you can have operational checks and balances to make sure they actually stay compliant

– Mitchell Parker, CISO at Temple Health

# SES Management Features at a Glance

## Endpoint Features

- Intelligent Key Management
- FIPS 140-2 validated
- Manage and take over pre-boot for:
  - Microsoft Windows BitLocker (Win 10, Win 8, and Win 7)
  - Mac OS X FileVault 2
- TCG Opal SED Management
- TCG Enterprise SED Management
- Non-Volatile Memory Express (NVMe) SSD SED Support

## Client Features

- Manage 100,000's of users and endpoints together
- Centralize management through standalone windows application, or web console
- Supports wired and wireless pre-boot network authentication via PBConnex
- SES Compatibility with Active Directory
  - Transparent user credential configurations
  - Password recovery methods unchanged to the help desk
  - Compliance Reporting

## Encryption key and policy management is vital to securing enterprise data storage

Most organizations today have some form of encryption in place – perhaps even more than one solution. Many, however, lack the comprehensive encryption key management strategy required for effective data security.

By better managing the varying encryption solutions being deployed within an environment, organizations can focus on establishing a data security center of excellence where deployment scenarios can be fully assessed and understood.

## Reducing Total Cost of Ownership

WinMagic's SecureDoc Enterprise Server (SES) offers organizations total control over their data security environment, driving maximum security and transparency in regular workflow. SES synchronizes user credentials across hardware platforms and device types, maximizing compliance efforts for all devices and users.

With industry-leading full disk encryption (FDE) technology and industry-first solutions like PBConnex, WinMagic's pre-boot network authentication solution, SES enables customers to reduce IT cost of ownership by streamlining their IT processes through ease of deployment, better customer integration, compliance, and simplified support options.

## Maximizing IT Management

Whether it's full disk, removable media, or individual files and folders, SES manages everything encryption within the enterprise under one centralized enterprise server. This includes encryption and security policies, password rules, and the manageability of encryption across PC, Mac and Linux platforms, and Cloud IaaS platforms.

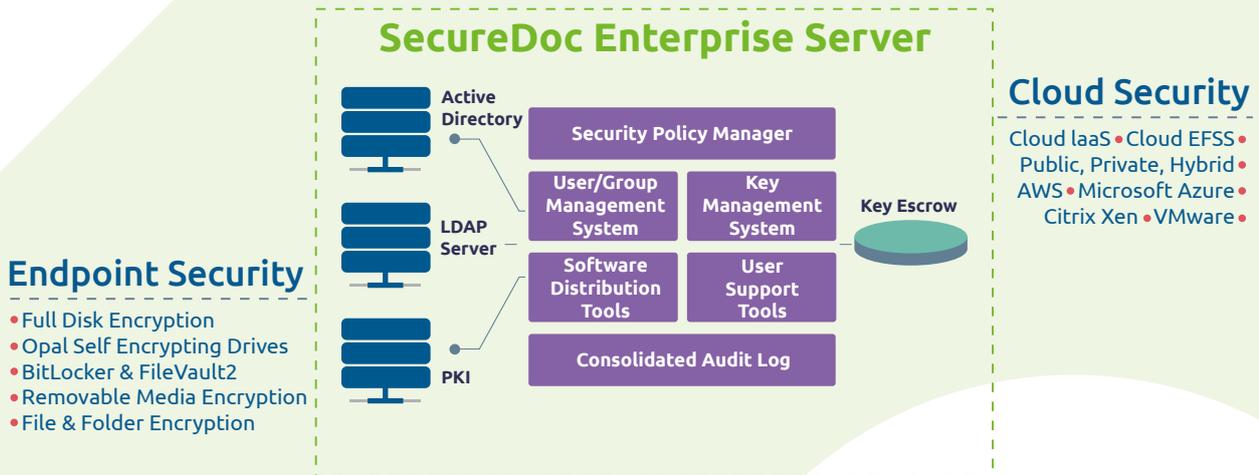
SES also easily integrates with industry-standard technologies such as Opal-compliant Self-Encrypting Drives (SEDs), Non-Volatile Memory Express (NVMe) and Trusted Computing Group (TCG) Enterprise Drives, while also managing native OS encryption solutions such as Microsoft BitLocker, Mac OS X, and FileVault2.

SecureDoc Enterprise Server provides full visibility of all encrypted properties and their encryption status, as well as full audit and reporting capability – simplifying the compliance reporting and data governance processes.

## PBConnex

For organizations seeking greater control over access security PBConnex will take authentication security to a new level. PBConnex uses network-based resources to authenticate users, enforce access controls, and manage end point devices before the operating system loads.

PBConnex provides much more than end point security. Its policy control engine allows businesses to manage and deliver the same user experience across all encryption solutions (native, hardware, or SecureDoc Full-Disk Encryption).



## SES Management Capabilities

### Endpoint Security

#### SecureDoc Full-Disk Encryption

SecureDoc Full Disk Encryption from WinMagic offers highly configurable full-scale encryption for the enterprise environment. Using a sector-by-sector encryption approach, SecureDoc ensures protection of sensitive information stored on a wide array of devices including: desktops, laptops, tablet and servers by employing single or multi-factor authentication from password to hardware token, biometrics, and PKI commencing right at pre-boot.

#### Self-Encrypting Drives (SEDs)

WinMagic offers the broadest support for Trusted Computing Group (TCG) Opal and Enterprise. Encryption is performed in dedicated drive hardware offloading the encryption process from the computers CPU and eliminating the need to store the encryption keys in the computer's memory.

Through the innovative use of PBConnex, in combination with expert SED management via the SES, SecureDoc OSA (Operating System Agnostic) SED management and authentication is performed at pre-boot, which eliminates the need to create an OS-specific installation package. It's an ideal solution for Linux or Unix deployments, and removes the complexity of managing multi-OS environments and its compatibility issues.

#### BitLocker Management

SES is the best solution in the industry at managing BitLocker deployments, offering innovative features found within SecureDoc, in combination with Windows native encryption.

SES supports the management of Microsoft's BitLocker encryption solution, and also adds increased value to customers by enabling pre-boot network authentication, multi-factor authentication, challenge/response password recovery, single sign-on, port control, automatic TPM provisioning, and more.

#### FileVault 2 Management

Recognizing that customers have mixed IT hardware environments, SecureDoc SES offers the ability to manage Mac OS X's FileVault 2. Taking advantage of the native encryption provided by Mac OS X, SecureDoc for FileVault 2 can give administrators the control they need to manage their Apple hardware.

FileVault 2 enterprise management gives businesses the flexibility to choose how they want to encrypt and manage their Apple devices, yet still have the ability to have all their devices managed by SES's central management console.

### Cloud Security

#### SecureDoc CloudVM

With the widest support from virtualized servers of public, private and hybrid Clouds, **SecureDoc CloudVM** leverages the management capability of SES to increase enterprise security, ensure encryption compliance, reduce complexity and remove silos of encryption within organizations. All while allowing organizations absolute and full control of encryption keys.

#### SecureDoc CloudSync

For organizations enabling Enterprise File Sync and Share solutions, **SecureDoc CloudSync** and SES ensure that files are always encrypted at the end point before they are ever moved into a cloud service, thus removing the risks of any data breaches in the cloud.

#### Additional SecureDoc Features

- Removable Media Encryption
- Removable Media Container Encryption
- File and Folder Encryption