

# SecureDoc

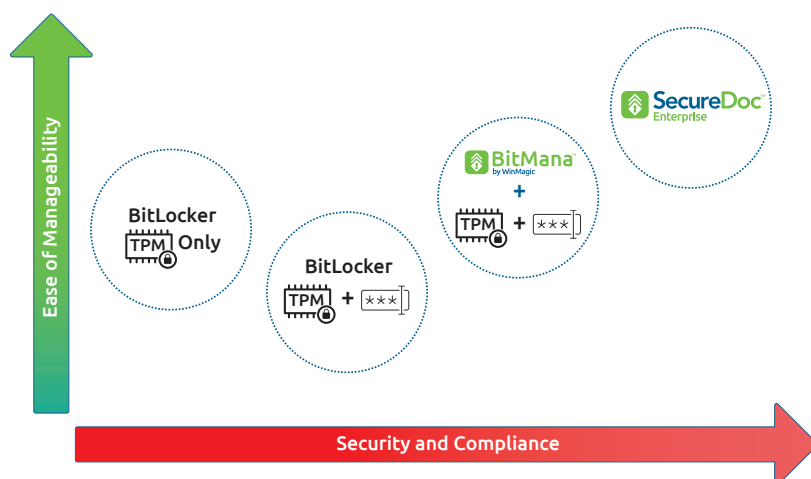
Simple and Secure BitLocker Management  
with Single Sign On for BitLocker PBA

BitLocker needs a management solution to be more effective for most businesses.  
SecureDoc makes this possible without adding unneeded complexity.

Given Microsoft Windows' prevalence as the predominant OS in the market today, it comes as no surprise that most businesses opt for BitLocker to encrypt Windows laptops in order to prevent data breach as a result of loss or theft of a device, or attempted infiltration of the device. Most also opt for a BitLocker management tool for dashboard, compliance status, and audit logs. As it is built-in and native within the operating system, BitLocker offers the best user experience with little disruption. However, gaps remain in both privacy and manageability. For example, BitLocker may not allow you to adequately meet requirements of new and stricter regulations like GDPR, California Consumer Privacy Act. And, if a user forgets their password, or access to a device is needed for forensics, it can be a complex and time-consuming operation.

BitLocker can be managed with or without Pre boot authentication (PBA), or, for example, with or without a PIN. Without handling a PIN, BitLocker will not have to deal with a user forgetting the PIN, or multiple users having multiple PIN. In this mode manageability is almost a non-issue. But, without PBA, the device is vulnerable. Microsoft correctly writes [HERE](#) that BitLocker without PBA is only protects against opportunistic attackers with little skill or limited access to the physical device.

If you want to protect against more sophisticated attackers, adding PBA will significantly improve security, but manageability will suffer due to password resets, need for stronger authentication, MFA, etc.



## So, how can WinMagic help you maximize the value of BitLocker, without disruption?

Since 1997, WinMagic has been well known by security-conscious organizations for providing robust, feature-rich encryption solutions. We've taken this expertise and designed SecureDoc a lightweight solution that is both simple in deployment and cost-effective. SecureDoc is ideal for organizations that have small IT teams, or those with teams that are already stretched in terms of resources or budgetary limitations, or for those organizations who have completed a data risk analysis and are not concerned with threats from a dedicated adversary.

Being 'lightweight' doesn't mean that SecureDoc offers barebones value. SecureDoc allows organizations to leverage the existing pre-boot authentication provided by BitLocker while improving the user experience through single sign on and password synchronization for single users authenticating to an endpoint device.

SecureDoc benefits from WinMagic's SecureDoc Enterprise Server, which provides an intelligent key management platform with the ability to securely store and manage BitLocker Recovery keys, preventing users from accidentally or maliciously disabling BitLocker protection, and giving admins the ability to remotely manage devices.

By adopting SecureDoc, businesses no longer need to license, manage or maintain Microsoft BitLocker Administration and Monitoring (MBAM), InTune, SCCM or even Active Directory management, delivering significant cost savings alongside additional tools available to improve user management and always-on compliance.

## SecureDoc Features

Adapt your security posture, improving the level of data security preparedness with BitLocker management features.

### Enhanced Security and Features

SecureDoc provides IT administrators with enhanced tools to better secure users and data while improving user experience

- **Centralized Key and Policy Management:** Store BitLocker Recovery keys in a secure encrypted, central database (SES)
- **Bitlocker Recovery Key Rotation:** Automatically rotates the recovery key after key has been used to login to windows
- **Anti-Hammering Protection:** If SecureDoc detects too many failed log-in attempts, SecureDoc will place the device in a secure state, requiring TPM+PIN, or BitLocker Recovery
- **BitLocker Tamper Protection:** Prevent users and processes from decrypting or suspending BitLocker
- **Password Synchronization:** Improves the BitLocker user experience by synchronizing the BitLocker Pre-Boot password with the Windows user password, so that it is no longer necessary to manage separate passwords for BitLocker Pre-Boot
- **Single Sign On:** Improves the user experience by seamlessly signing on to windows with the BitLocker Pre-Boot password

### Improved Manageability

**Don't trade-off manageability for security:** With SecureDoc, better enforce and manage your authentication policies and recovery functions with a simple software client, making BitLocker more cost-effective and simpler to manage than ever before

- **Supports BitLocker Recovery key restore**
- **Remote device management:** Allows Admin to remotely change profiles, or change communication info
- **Active Directory User Integration:** Leverage existing Active Directory domain structure and Organizational Units (OUs) to assign device profiles to devices, users, groups, or OUs.

### Simplified Compliance

When it comes to compliance, knowledge, proof, and expediency are king. Get immediate status on all encrypted devices in a single pane of glass, and quickly demonstrate compliance when requested.

- **Advanced Reporting & Auditing tools:** Compliance proof point - Every time an administrator opens a recovery key, it is logged against that Administrator, for accountability and forensics purposes.
- **BitLocker Tamper Protection Auditing:** Be confident that a lost or stolen device was not in an encryption suspended mode at the time of loss, and, be able to prove it.

WinMagic's SecureDoc when combined with BitLocker offers non-disruptive BitLocker management in businesses without large IT teams looking to protect against the opportunistic adversary, meaning your no longer need to trade-off between security for manageability when it comes to protecting your data. In addition, get the added assurance of encryption policy compliance and ease of reporting with new privacy regulations.

If your risk assessment or management indicates the requirement for full-fledged user-based pre-boot authentication to protect your data, WinMagic allows you to seamlessly upgrade to SecureDoc Enterprise. SecureDoc Enterprise is designed for large-scale environments with higher compliance and security requirements and includes features like wireless pre-boot networking, and multi-factor authentication MFA with smartcards and tokens, removable media, and file-level encryption. SecureDoc Enterprise offers support for Windows, macOS, Linux, Opal Self-Encrypting Drives, Server, Hyperconverged, Virtual and Cloud environments. Our comprehensive encryption is all managed from a single pane of glass.

Interested in learning more about BitLocker Management from WinMagic?  
Contact our Sales team today at [sales@winmagic.com](mailto:sales@winmagic.com)

Authenticate. Encrypt. Achieve.

 **WINMAGIC®**



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