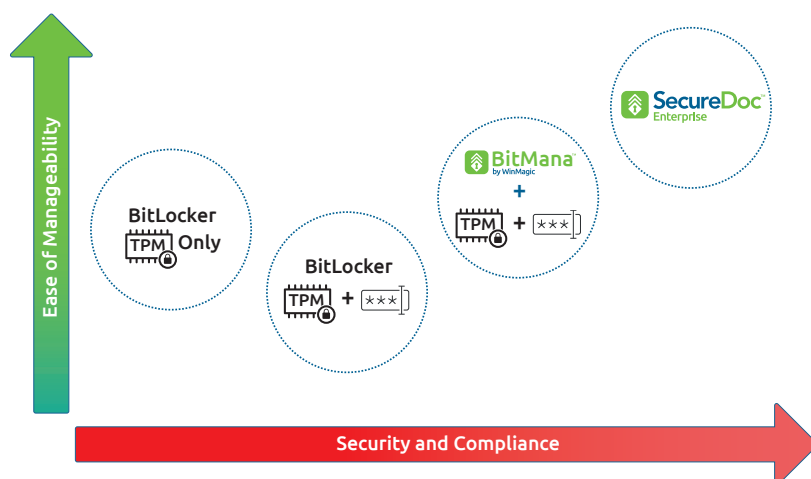SecureDoc™
by WinMagic

BitMana
Simple and Secure BitLocker Management

BitLocker needs a management solution to be more effective for most businesses. BitMana 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 BitMana, a lightweight solution that is both simple in deployment and cost-effective. BitMana 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 BitMana offers barebones value. BitMana allows organizations to leverage the existing pre-boot authentication provided by BitLocker in TPM-only or TPM+PIN mode to protect against opportunistic adversaries – those threat actors who stumble across a lost or unguarded device or data storage location. BitMana 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 (leveraging Active Directory, if you wish), preventing users from accidentally or maliciously disabling BitLocker protection, or giving admins the ability to remotely manages devices.

By adopting BitMana, 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™
by WinMagic

BitMana Features

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

Enhanced Security

BitMana provides IT administrators with enhanced tools to better secure users and data

- **Store BitLocker Recovery keys** in a secure encrypted, central database (SES)
- **Centralized Key and Policy Management**
- **Anti-Hammering Protection:** If BitMana detects too many failed log-in attempts, BitMana will place the device in a secure state, requiring TPM+PIN, or BitLocker Recovery
- **Device Not Connected - Timeout Lock:** BitMana will lock devices that have not communicated to an SDConnex Server within the Administrator-defined period.
- **BitLocker Tamper Protection:** Prevent users and processes from decrypting or suspending BitLocker and putting your data at risk

Improved Manageability

Don't trade-off manageability for security: With BitMana, 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 BitMana 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

WINMAGIC®

US & Canada	United Kingdom	Germany	Japan	APAC
+1 888 879 5879	+44 0148 334 3020	+49 69 175 370 530	+03 5403 6950	+65 9634 5197