

# BITLOCKER® ENCRYPTION (HDD+USB)

## BitLocker® - what is it?

BitLocker® is Microsoft's built-in operating system, a tool for encrypting drives external and internal drives. It is available in Windows 7 Ultimate and Enterprise, Windows 8/10 Pro and Enterprise, Windows Server 2008, Windows 2012 Server, Windows, 2016 Server, Windows 2019 Server, and later.

## WHAT DO YOU GAIN WITH BITLOCKER® (HDD AND USB)?

- ✓ Benefit from a proven encryption method using Microsoft's BitLocker® API,
- ✓ increase the level of security of information stored on external drives,
- ✓ reduce the level of risk of data leakage in the organization,
- ✓ ability to lock unencrypted external drives,
- ✓ ability to automatically encrypt new external drives,
- ✓ access to encryption keys from any device (phone, tablet, and computer).

## WHAT IS BITLOCKER® ENCRYPTION (HDD+USB) IN THE EAUDITOR SYSTEM?

The eAuditor system, thanks to its integration with BitLocker®, allows you to securely encrypt internal (HDD) and external (USB) drives. To connect, eAgent uses integrations with the BitLocker® API, making the entire operation encryption fully secure. The eAuditor identifies all storage devices and verifies that the drive (HDD and USB) has been encrypted with BitLocker®. With eAuditor, you can perform remote encryption and decryption of one or multiple drives.

## BITLOCKER® ENCRYPTION OF DRIVES (HDD AND USB)



## TEMPORARY DISABLING OF SECURITY FEATURES

eAuditor can remotely temporarily disable data security and then enable it, without the need for requiring decryption and re-encryption.

## ENCRYPTION KEYS

Recovery (decryption) keys are stored securely in the eAuditor system database.

## REMOTE ENCRYPTION

IT administrators gain the ability to easily manage the partition encryption process. In the administration console, the administrator has available a list of devices, information about the TPM version, and encryption status. By selecting the appropriate option, any partition can be encrypted and decrypted remotely. The operation can be performed on one, or multiple computers simultaneously, including computers outside the organization.

### Encryption methods

- ✔ XTS AES 256,
- ✔ XTS AES 128,
- ✔ AES 256,
- ✔ AES 128.

## USB MEMORY UNDER PROTECTION

BitLocker® in eAuditor enables encryption not only of internal drives but also of external drives. IT administrators can remotely inventory USB drives, identify encrypted drives and external drives, and encrypt/decrypt them en masse.

## WHAT DOES THE INTEGRATION OF EAUDITOR WITH BITLOCKER® (HDD AND USB) ALLOW?

BitLocker® in eAuditor enables encryption not only of internal drives but also of external drives. IT administrators can perform a remote inventory of USB drives, identify encrypted drives and external drives, and encrypt/decrypt them en masse.

- ✔ Remote inventory of HDDs and USB flash drives,
- ✔ presentation of encryption/decryption progress,
- ✔ identification of encrypted partitions,
- ✔ mass encryption and decryption,
- ✔ storage of recovery keys,
- ✔ enabling and disabling security.