DriveLock
securing your digital tomorrow

DriveLock Data Protection:
Secure, flexible and compliant data encryption

Data is one of the most important company assets. Therefore, we must pay special attention when it comes to its protection. The government and security authorities have raised considerable awareness for the dangers of data being exposed, including: theft/loss of devices and mobile data media, misuse of access authorization, manipulation of information, and disclosure of confidential information. DriveLock will help protect your data to prevent such actions from occurring.

In this digital age, companies are dependent on reliable and secure information. The loss of confidential and important information can cause considerable financial damage, as well as a loss of reputation and trust. Therefore, data protection must be a top priority for companies.

Sources of danger include non-authorized access, manipulation, theft, and also accidental loss. Statutory requirements are high: Data Protection regulations (such as European GDPR) specify the organizational and technical measures to be taken to ensure an appropriate level of personal data protection during processing. These regulations are specified in different countries more decisively through unique recommendations such as those surrounding the encryption of notebooks or external storage media.

Benefits of DriveLock Data Protection

+ ENCRYPTION OF HARD DISKS, FILES, DIRECTORIES, AND MOBILE DATA MEDIA

+ FULFILS COMPLIANCE REQUIREMENTS FROM THE DATA PROTECTION REGULATIONS LIKE EUROPEAN GDPR

+ ADAPTABLE TO INDIVIDUAL COMPANY CONDITIONS

+ SUITABLE FOR CENTRALLY CONTROLLED COMPANY-WIDE ROLLOUT

This is where the Zero Trust security approach comes into play: In modern IT security concepts, no user, device, access or application is trustworthy from the outset. As according to the motto "Never trust, always verify", all information should be encrypted and protected from unauthorized access. Decryption should only be possible for authorized and appropriately authenticated users.

With DriveLock data encryption, you are always on the safe side.

It enables the encryption of hard disks, files, directories and mobile data carriers. This means that you meet all the requirements of national authorities and the general data protection regulation.

+ **SIMPLE AND SECURE RECOVERY OF ENCRYPTED INFORMATION AND EMERGENCY LOGON PROCEDURES IN CASE OF LOST ACCESS TO DATA**

+ **PERSONALIZED DASHBOARDS, SIMPLE AND COMPREHENSIVE SYSTEM MONITORING THROUGH A MODERN WEB INTERFACE FULLY INTEGRATED INTO THE DRIVELOCK ZERO TRUST PLATFORM**

Cyber Threats - Status Quo

+ **50 % OF COMPANIES WORLDWIDE ARE THE TARGET OF AN ATTACK**

+ **AVERAGE TOTAL COST OF A DATA BREACH WAS $ 4.24 (USD) MILLION WORLDWIDE IN 2021**

+ **SOURCES OF THREAT TYPICALLY FROM INSIDER ACTIONS OR EXTERNAL ATTACKS**

DriveLock Disk Protection

Transparent and fast hard disk encryption

DriveLock BitLocker Management

Microsoft BitLocker hard disk encryption – supplemented with important additional functions

DriveLock File Protection

Transparent file and directory encryption

DriveLock Encryption 2-Go

Transparent encryption of removable media such as USB sticks, CD/DVD or removable hard drives

The encryption modules of the DriveLock Zero Trust platform

DriveLock Disk Protection

Losing your device means that your Windows password could get into the wrong hands - these incidents give potential attackers quick and easy access to your data. So how can you prepare for this? DriveLock's hard disk encryption (DriveLock Disk Protection) is made for situations such as this, while also meeting the legal requirements of the data protection regulations like GDPR in Europe for personal data.

DriveLock File Protection

The encryption of an entire storage medium is not economically or technically sensible or even possible in all cases. But even within a company, particularly sensitive data (personnel/work council data or similar) must be protected against unauthorized access, e. g. by privileged users such as administrators.

DriveLock's file and directory encryption (DriveLock File Protection) provides exactly this. It enables the encryption of directories independent from the privileged users who are also unable to influence the encryption, whereas the administration of these directories is only possible for a group of people who have or must have access to this data - which makes it ideal for project teams, work councils and management.

The advantages of DriveLock Disk Protection

+ RELIABLE, FAST INITIAL ENCRYPTION OF THE ENTIRE HARD DISK OR INDIVIDUAL PARTITIONS, WITHOUT ANY HIDDEN BACK DOORS

+ AUTHENTICATION FOR A DECRYPTION VIA PRE-BOOT AUTHENTICATION (PBA), MULTI-USER AND MULTI-LANGUAGE CAPABLE

+ IDENTIFICATION VIA USERNAME & PASSWORD, OR VIA TWO FACTOR AUTHENTICATION (WITH SMARTCARDS/TOKENS)

+ USE OF PBA AUTHENTICATION FOR SINGLE SIGN-ON WITH AN EASY INTEGRATION OF MICROSOFT'S ACTIVE DIRECTORY SERVICE

+ NETWORK UNLOCK SIMPLIFIES THE USER LOGON AND RECOVERY PROCEDURES, AND ENABLES SO-CALLED "SELF-SERVICE DEVICES" TO COMPLETELY ENCRYPT DEVICES SUCH AS ATMS

The advantages of DriveLock File Protection

+ CAN BE IMPLEMENTED AS A USER OR GROUP-BASED ENCRYPTION OF FILES - EASY TO CONFIGURE AND APPLICABLE COMPANY-WIDE

+ DEPLOYABLE ON THE LOCAL COMPUTER, A CENTRAL DIRECTORY OF A SERVER IN THE COMPANY, AN EXTERNAL USB DATA CARRIER OR WITH A CLOUD-BASED SERVICE LIKE DROPBOX, MICROSOFT ONEDRIVE OR GOOGLE DRIVE

+ AVAILABLE FOR WINDOWS AND MAC OPERATING SYSTEMS (CROSS-PLATFORM SUPPORT

DriveLock Encryption 2-Go

The exchange of data is often performed with the help of mobile data carriers such as USB memory sticks. However, the risk of data loss is particularly high with this type of media, whether through accidental loss or theft. Data can also be copied unnoticed within a few seconds without the person concerned noticing.

The Encryption 2-Go module encrypts data on external drives for the end user securely and, if desired, also transparently. At the same time, you will thereby meet the legal requirements for the protection of confidentiality and integrity, and effectively implement the measures proposed for the protection of external media.

BitLocker Management

Microsoft provides BitLocker hard disk encryption free of charge for many versions of Windows. But with increasing regulatory requirements, this alone is often not enough. DriveLock BitLocker Management manages your existing BitLocker installation and extends it with important features such as one-time recovery or a central configuration of BitLocker Disk Encryption independent of Active Directory (AD). With DriveLock BitLocker Management you reduce the administration effort through centralized management of all settings.

The advantages of DriveLock Encryption 2-Go

+ ENCRYPTION OF FILES ON EXTERNAL STORAGE MEDIA (USB STICKS, CD/DVD OR EXTERNAL HARD DRIVES)

+ MANAGED ENCRYPTION TO PREDEFINED CORPORATE POLICIE ACCORDINGS

+ DETECTION OF DRIVES ALREADY ENCRYPTED WITH BITLOCKER TO GO

+ CONTAINER-BASED ENCRYPTION OR DIRECTORY ENCRYPTION

+ CONFIGURABLE USER SELECTION DIALOGS WHEN CONNECTING EXTERNAL DRIVES

The advantages of DriveLock BitLocker Management

+ ENABLES CENTRAL CONFIGURATION AND ENTERPRISE-WIDE IMPLEMENTATION OF ENCRYPTION POLICIES

+ REDUCES ADMINISTRATION EFFORT

+ INCLUDES A COMPLIANCE DASHBOARD

+ ENABLES CENTRALIZED CONFIGURATION INDEPENDENT OF ACTIVE DIRECTORY

+ PROVIDES SECURE ONE-TIME RECOVERY WITH AUTOMATIC KEY CHANGE

+ PROVIDES POWERFUL PRE-BOOT AUTHENTI-CATION: DRIVELOCK PBA FOR BITLOCKER. THIS ENABLES, AMONG OTHER THINGS, ADDITIONAL AUTHENTICATION METHODS AND EMERGENCY LOGON.
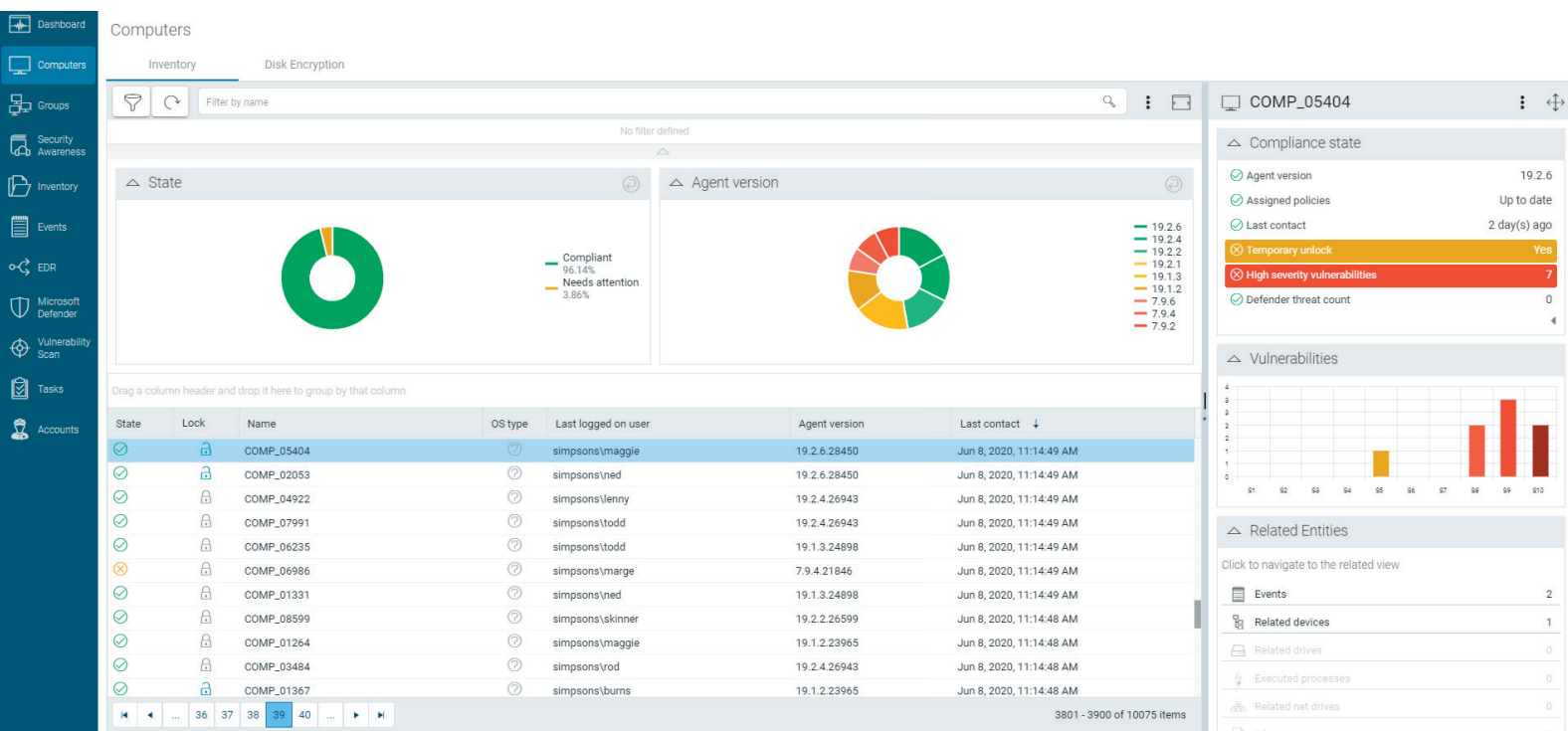
ADDITIONALLY OFFERED BY DRIVELOCK

- All encryption solutions are centrally managed and configured via the DriveLock Management Console (DMC).

- The DriveLock Operations Centre (DOC) provides dashboards with extensive reporting and data analysis capabilities that can be configured flexibly. Flexibly compile reports in PDF format, even automated at regular time intervals.

- Settings in the Management Console are automatically distributed as policies to all clients on the "agents".

- The functionality of various modules is guaranteed without a connection to the company network (offline capability).

- Easy connection to existing Security Information and Event Management (SIEM) systems

- Anonymization of personal data

DriveLock: Expert in IT and data security for more than 20 years

The German company DriveLock SE was founded in 1999 and is now one of the leading international specialists for cloud-based endpoint and data security. The solutions include measures for a prevention, as well as for the detection and containment of attackers in the system.

DriveLock is Made in Germany, with development and technical support from Germany.