

Blocky4sesam™

the last line of defense

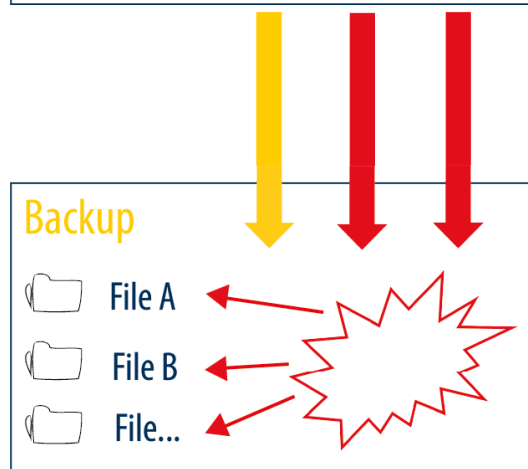
Ransomware protection


Fully integrated ransomware protection for SEP sesam backups in Microsoft Windows environments



Backup is a key area in enterprise ransomware protection, as cyber-attacks usually target the destruction of backup data. With Blocky4sesam™ you choose the reliable protection of your SEP sesam backups against Ransomware - secure, fully integrated and without annoying administration effort for your Windows systems.

- ✓ secure data protection against ransomware and malware
- ✓ protects Windows NTFS volumes and ReFS volumes of SEP sesam server
- ✓ Application Whitelisting
- ✓ Application fingerprint for process identification
- ✓ Real-time monitoring and reporting
- ✓ targeted protection by focusing on specific work areas
- ✓ significantly simplified configuration
- ✓ Security module for optimal self-defense of data

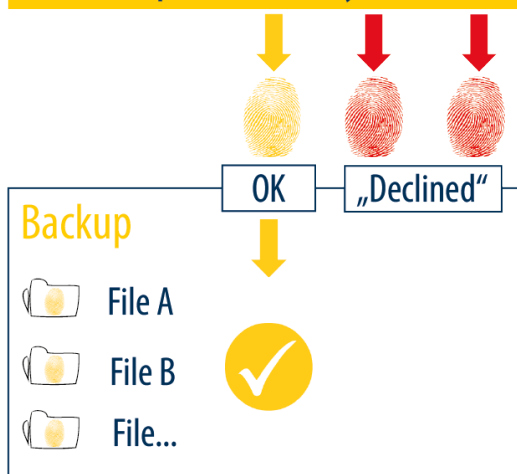
Regular backup systems




 Ransomware can infect the backups and encrypt/delete the backup data.

-  Ransomware attack
-  Access through regular process

Backup with Blocky4sesam™



 The backup is protected so that only authorized applications can change it.

Established technology in use
against ransomware

Ransomware protection with Blocky4sesam™

Backup is a key area in corporate ransomware protection, as cyber attacks usually aim to destroy backup data. Generic protection programs (firewall, anti-virus software, etc.) do not provide one hundred percent protection against ransomware. It happens again and again that malware overcomes generic protection programs.

In this case, Blocky4sesam™ is the last and at the same time the safest line of defense against your data, against which the malware bounces.

The effective protection of Blocky4sesam™ is guaranteed by a security module. As a gateway to the data, it enables access to you in the first place - and of course only for authenticated processes. So there is no way for malware to pass through this gate.

The Ransomware protection is based on GRAU DATA's proven application whitelisting (as recommended by the BSI) technologies and is specially tailored for integration into SEP sesam backup solutions and prevents any modification of data without explicit authorization. To identify authorized processes, Blocky uses the application fingerprint. Unauthorized access is also logged and reported to the administrator. In addition, automatic backup copies are created via the Instant Copy feature to eliminate any data loss.

Blocky4sesam™ protects against malware even if it has infiltrated the program and the Blocky software has been corrupted. Thus, Blocky4sesam™ forms a safe shield for your data in Windows systems.

With just a few clicks you are protected and cyber criminals have no chance to manipulate your backup data.

Blocky4sesam™ is the last line of defense to protect your backups from the ever-growing threat of ransomware. Even after a successful attack on your network, all data in the backup remains intact.

[register & download now](#)



SEP The Data Protection Company - more than 30 years of experience in data protection & recovery

SEP makes the world a little safer every day. With the backup and disaster recovery solutions, the data of companies and organizations is backed up around the clock and fully restored in the event of a disaster.

SEP protected Future. We take care that your data is secured and you can concentrate on your business as well as your future.

SEP has been developing and selling enterprise-wide data protection solutions since 1992 and is headquartered in Holzkirchen near Munich. SEP has a strong partner network. SEP has a strong partner network.

DSGVO ready - legally compliant data backup and recovery

SEP sesam reliably backs up business critical information, applications, databases and systems, which include all types of information from sales and customer relationships, production and administration to financial and business transactions. Because of this importance, a comprehensive business continuity strategy is required that focuses on Recovery Point Objectives (RPOs) and Recovery Time Objectives (RTOs), which are essential in a disaster recovery scenario.

SEP sesam is optimized for securing virtualized and physical environments & guarantees freedom from built-in backdoors and enables compliance with regulatory requirements in heterogeneous IT environments. Encryption is one of the key technical elements.

Secure data retention is introduced by the encryption of the SEP Si3 DedupStore. After splitting the data stream into blocks and compressing each block, when encryption is enabled, each block is encrypted with a job-specific key.

To restore the data, the key can be stored in the backup server's database or the data owner must authorize a restore with his personal key. This encryption guarantees BSI conformity.



Learn more at:

<https://www.sep.de/company/awards/bitmi/>

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1.

Try the 30-day full version now!



The SEP sesam 30-day full version includes all functions for optimal data backup & recovery, as well as a personal demo support.

2.

SEP sesam Support Matrix



SEP sesam supports a large portfolio of operating systems, databases, virtualization platforms, applications and hardware snapshots.

3.