



SEP

Hybrid Backup

protection**now.**

Unlimited data backup
in any IT infrastructure!

protectionnow.

SEP sesam Apollon

A new kind of SEP sesam

SEP



Visionary, reliable, consistent

Apollo, the god of light and prophecy, served as a template for our latest release and is the beginning of our new release series "Gods".

As an archer, he precisely hits the points in data backup that needed to be expanded. And that's what our developers have done: Apollon includes the immutability of backups and thus extends the variety of backup options with SEP sesam. Apollon makes your environment even more secure and ensures optimal protection of all your data!

The SEP sesam backup and recovery software is so far unique in the EU. Especially the range of functions, the performance and the user-friendliness stand out. Our software was developed to be able to restore data extensively and with high reliability.

With the immutability technologies (SEP immutable Storage (SiS), Blocky4sesam, S3 Object Lock) a further security level is added, in which SEP sesam backups are protected even against Ransomware.

The restore virus check also increases the security again. The use of SEP Si3 NG inline deduplication enables storage space saving storage or replication of data.

The use of the latest hardware and software technologies and the developed interfaces allow data recovery from different systems and increase performance, scalability and backup speed. Furthermore, SEP sesam is easier to maintain than other systems and its reliability is higher than that of other systems due to its diverse design.

new! New Features and Benefits

- ✓ **S3 Object Lock:** Immutable storage of S3 - protects the data on the S3 storage
- ✓ **Restore Virus-Check with Ikarus:** The data is checked again for viruses during the restore process
- ✓ **Immutability** - protection of backup data from ransomware
- ✓ Redesigned WebUI
- ✓ GUI Optimization
- ✓ Redesigned Simple/Advanced Mode
- ✓ CAPS Integration
- ✓ SEP Customer Experience Program (SCE)/ Calling Home
- ✓ Hyper-V Resilient Change Tracking (RCT)
- ✓ Import of DataStores
- ✓ Mediapool Failover/ Failover Backup Events

<https://www.sepsoftware.com>

BUSINESS

RELIABILITY

COMPLIANCE

SharePoint Jira Software
 Exchange IMAP
 MariaDB PostgreSQL
 MaxDB SAP HANA SAP S/4 HANA Informix
 SUSE ubuntu redhat Novell NetWare
 NUTANIX X-PRO MOX Citrix Hypervisor Microsoft Hyper-V KVM
 x86-64 i386, ia64 MSC
 Google Workspace Microsoft 365 salesforce

DEDUPLICATION
 REPLICATION
 DISASTER RECOVERY
 NDMP
 HW SNAPSHOTS
 HPE CATALYST / STOREONCE
 REMOTE DEVICE SERVER
 SEP CLOUD APP PROTECTION SERVICE

MICRO FOCUS Vibe, iFolder, Filr
 MICRO FOCUS GroupWise Kopano
 EDB MySQL Microsoft SQL Server ORACLE
 SAP ASE SAP Business One SAP NetWeaver
 solaris hp -UX Tru64 FreeBSD Hewlett Packard Enterprise VMS
 vmware Open Suse redhat
 Power, z Systems/LinuxONE SUN SPARC
 Backup as a Service SEP Hybrid Backup SERVICE PROVIDER

MODULES

MODULES

ELEMENTS

protectionnow.

Backup for demanding users from medium-sized businesses to Enterprise businesses

SEP sesam Hybrid Backup is the ideal data backup solution for heterogeneous IT infrastructures. It secures the data of organizations and enterprises from midsize to enterprise with absolute reliability and supports an extensive portfolio of virtualization platforms, operating systems, databases, applications and hardware snapshots.

The global solution - Made in Germany

The reliable restore of all company data, the flexibly adaptable license model, German quality and product standards and an attractive price-performance ratio are only four of countless arguments why organizations and companies from medium-sized business to enterprise worldwide have chosen the hybrid backup solution SEP sesam.



- Reliable recovery of all company data
- Flexibly adaptable license models
- German quality and product standards
- Attractive price-performance ratio

As a European/German manufacturer, SEP offers short communication channels for the extensive topic of data backup to provide fast and reliable help in crisis situations.

In addition, SEP understands the desire of customers to be able to rely on a stable version for more than one year without having to install the latest version immediately. Therefore SEP always supports at least 2 versions at the same time.

Facts that speak for themselves!

- ✓ **Multi-Hypervisor Support**
VMware, Hyper-V, RHV, OLVM, KVM, Open Nebula, Citrix Hypervisor (XenServer), XCP-ng, Nutanix, Proxmox
- ✓ **Consistent backup & recovery**
of all databases and applications
- ✓ Support of **all common operating systems**
such as Windows, Linux, Unix & Legacy
Support for Novell Netware, VMS etc. incl.
cloud interfaces such as S3 or Microsoft Azure
Blob
- ✓ **Disaster Recovery** of Windows and Linux
Systems also for Dissimilar
Hardware
- ✓ **Minimum storage volume** at the
Data backup through Si3 inline
deduplication technology
- ✓ **Effective Si3 Replication** of the backed
up data for distributed environments
incl. S3 interface
- ✓ **Hardware and Software independent**
- ✓ **NDMP & Storage Snapshot**
- ✓ **24x7** Manufacturer Support
- ✓ German reliability through backup
„**Made in Germany**“
- ✓ Specialized in data protection solutions
for over **30 years**

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UNIFORM LOOK & FEEL FOR BACKUP AND RESTORE IN THE GUI / UI

Saving all data ...

The multi-certified backup solution proves itself tens of thousands of times every day in backing up and restoring virtual machines as well as physical computers.

With SEP sesam's multi-hypervisor support, users are absolutely free to choose their virtualization platform. SEP sesam supports 10 hypervisors. Virtual machines can be started directly from the backup. SEP sesam specializes in granular restores of Microsoft and Linux solutions and comprehensively protects the entire IT infrastructure.

NetApp snapshots are fully integrated in SEP sesam. This allows backup and restore operations to be automated. The Virtual File System Layer of the SEP sesam Restore Wizard enables immediate access to Linux, Windows, NetApp, Exchange and VM data via mount - without restoring.

SEP supports the largest portfolio of different databases and applications. The extensive SAP certifications as well as the support of Oracle RAC and

Si3 Deduplication and Replication

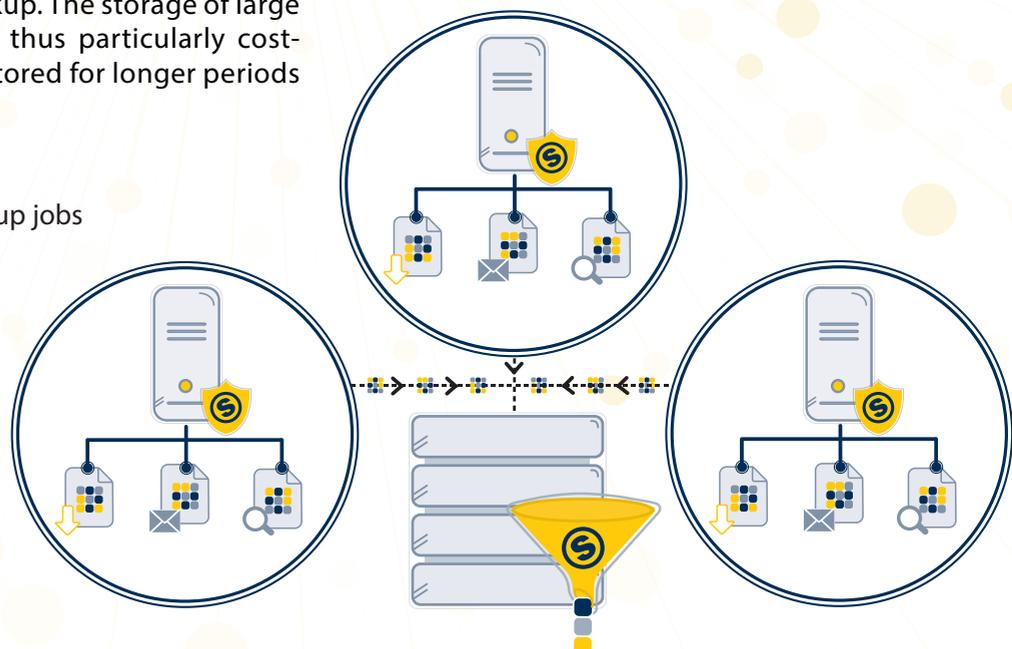
Global deduplication completely via backup, replication and client-side deduplication. With the patented Si3 inline deduplication, Made in Germany, any existing disk storage can be optimally used for data backup. The storage of large amounts of data on hard disks is thus particularly cost-effective and the backups can be stored for longer periods of time.

- Significant reduction in backup storage requirements for all backup jobs
- Cross-site protection of systems
- Bandwidth-saving outsourcing of backup data
- „Direct-to-S3“ without going through on-premises storage for cost- and performance-optimized operations in AWS or to use SDS storage.

Exchange DAG underline the strong enterprise focus of SEP sesam. With SEP sesam, IT managers have the freedom to flexibly adapt their infrastructure to the constantly growing requirements. The backup solution is highly scalable and permanently protects the investments of organizations and companies.

... on any backup storage!

The solution provides comprehensive support for disk, cloud, snapshot, and tape-based backup and recovery. The SEP sesam Backup Server and Remote Device Server are available for Windows and Linux operating systems and can be changed as required. The SEP sesam multi-streaming technology enables extremely fast, simultaneous backups of an unlimited number of servers to one backup media. Furthermore, with the Hybrid Backup solution, companies are hardware and software independent and free to choose their storage technologies.



The Company - more than 30 Years of Data Protection & Recovery Experience

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

Our ambition: No data should be lost. This is why all components are extensively tested and constantly improved after development.

SEP has been developing and selling enterprise-wide data protection solutions since 1992, based in Holzkirchen near Munich. SEP has a strong partner network and relies 100% on resellers for sales.

No Backdoors, GDPR ready - compliant data protection and recovery

SEP sesam secures absolutely reliable business critical information, applications, databases and systems, which contain all kinds of information from sales and customer relations, production and administration up to financial and business transactions. Because of this importance, a comprehensive business continuity strategy is needed 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 and enables compliance of legal requirements in heterogeneous IT environments. Encryption is one of the central 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, each individual block can now be encrypted with an arbitrarily definable key.

To restore the data, the key can be stored in the database of the backup server 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/>



Learn more at:

<https://www.sep.de/solutions/sep-security/>

<https://www.sep.de/sep-sesam/blocky4sesam/>

<https://www.sep.de/solutions/sep-sesam-immutable-storage-sis/>

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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.

SEP sesam Support Matrix



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

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