SEP
Hybrid Backup

protection**now.**

Unlimited data backup in any IT infrastructure!

protectionow.

SEP sesam Jaglion
A new kind of SEP sesam

Strong, elegant, adaptable

SEP sesam version Jaglion - the hybrid of jaguar and lion symbolises the combination of the best features that have been impressively implemented with the latest version of SEP sesam Hybrid Backup. Jaglion includes even more diverse new features and adapts even better to the growing needs of changing IT environments. But not only new agents, but also significantly improved features, variety, performance, data security and usability will make your life easier. 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. The use of Si3 NG inline deduplication also makes it possible to detect duplicate data fragments and thus optimise the recovery process. This is because duplicate documents are only recovered once. Previous recovery systems usually only restore all or selected data, which causes

significant additional work. SEP data recovery is more reliable and, thanks to the aforementioned data optimisation, faster than conventional systems. 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 complex design. There is currently no comparable system on the market in the EU that provides such an overall performance and delivers the technical data security for the GDPR.

New Features and Benefits

✓ **New functions for EU GDPR compliance** through simplified media management

✓ **OLVM**
New task type for agentless snapshot-based backups of all virtual machines

✓ **New GUI and WebUI options**

✓ **Enlargement/Update of the Support Matrix**

✓ **Extended SEP sesam REST API V2**

✓ **Fail-safe change tracking**
based on Resilient Change Tracking (RCT) for securing Hyper-V virtual machines

✓ **Improved performance, scaling and storage savings -** Si3-NG Dedup

✓ **20% - 40% faster recovery and migration**
through optimised tape processing

✓ **VFS (Sesam Virtual File System)**
performance improvements enable 100x faster access to vSphere VMs booted directly from SEP sesam datastore.

✓ **New authentication & authorisation concept**
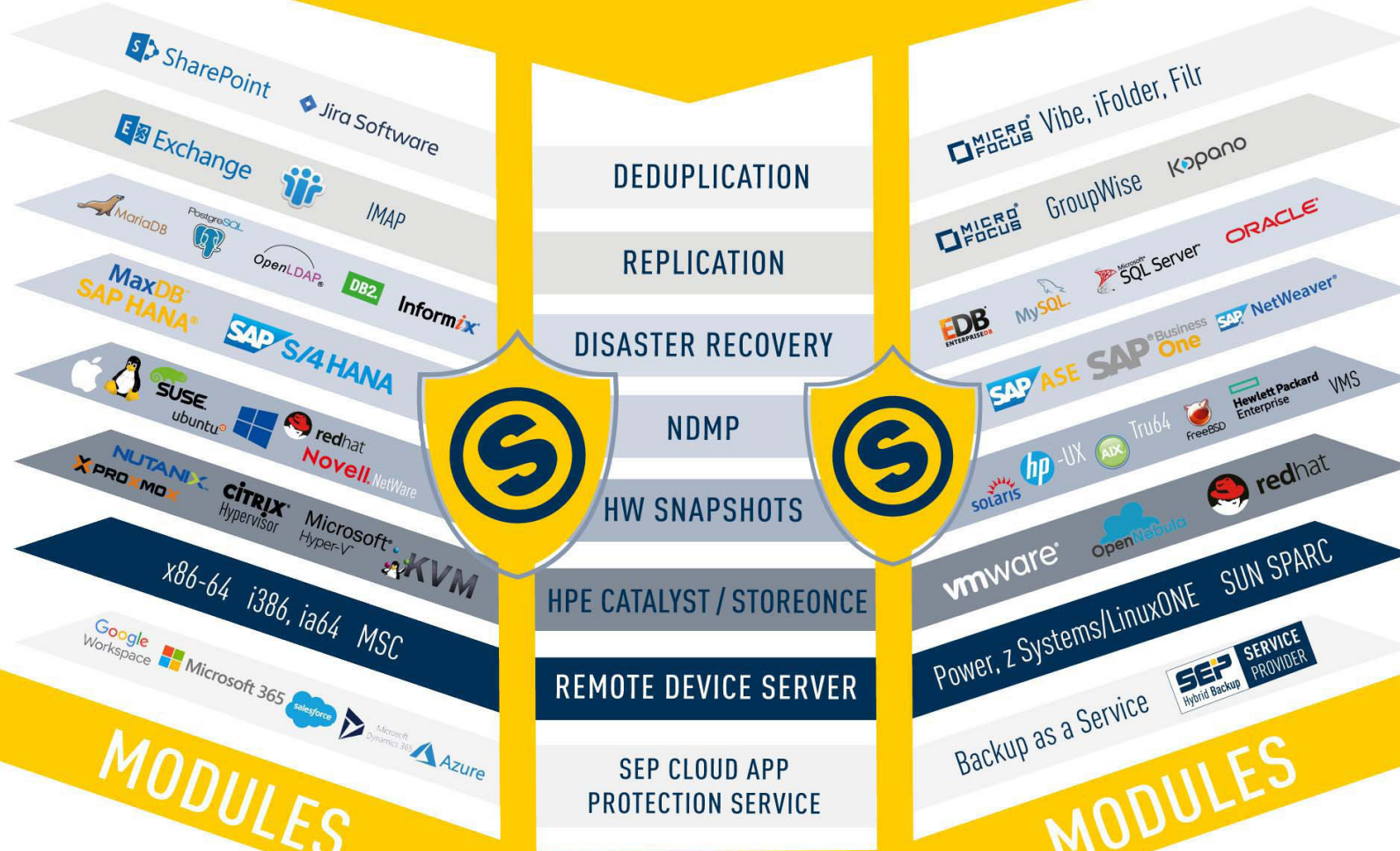
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Backup for demanding users
from medium-sized businesses to Enterprise businesses

SEP

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
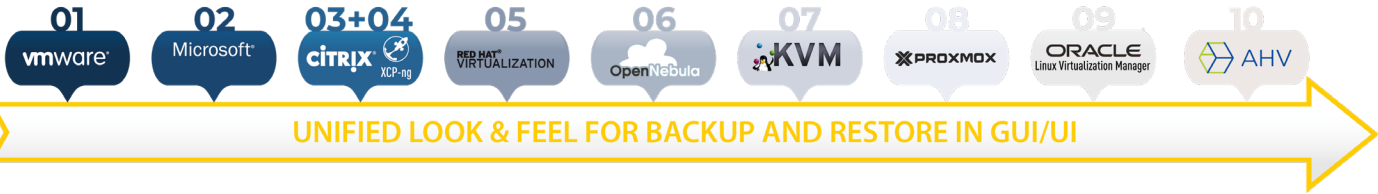»   Attractive price-performance ratio

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, MAC & Legacy Support for Novell Netware, VMS etc.

✓ **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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SEP

01	02	03+04	05	06	07	08	09	10
vmware	Microsoft	CITRIX XCP-ng	RED HAT VIRTUALIZATION	OpenNebula	KVM	PROXMOX	ORACLE Linux Virtualization Manager	AHV

UNIFIED LOOK & FEEL FOR BACKUP AND RESTORE IN GUI/UI

Saving all data...

The multiple certified backup solution proves itself every day ten thousand times in the backup and recovery of virtual machines as well as physical computers.

With the Multi-Hypervisor Support of SEP sesam users are absolutely free to choose their virtualization platform. Virtual machines can be started directly from the backup. SEP sesam is specialized in the granular recovery of data from Microsoft and Linux OS and protects the entire IT infrastructure.

NetApp snapshots are fully integrated into SEP sesam. Thus the backup and recovery processes can be automated. The Virtual File System Layer of the SEP sesam Restore Wizard provides instant access to Linux, Windows, NetApp, Exchange and SharePoint data - without restoring.

The SEP sesam disaster recovery solutions offer administrators a powerful and flexible tool to easily recover all systems on any hardware.

This significantly minimizes downtime after a server crash.

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 back-
   up data

» „Direct-to-S3" without going through on-
   premises storage for cost- and performan-
   ce-optimized operations in AWS or to use SDS
   storage.

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

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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/
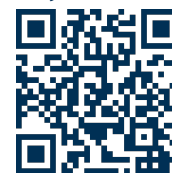
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Try the 30-day full version now!

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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