# SEP PROTECTED FUTURE

Our mission is to **protect what you have achieved** to **free your mind** and **focus on your future!**

**SAP® Certified**
Integration with SAP HANA®

**SAP** Silver Partner

# SEP sesam Hybrid Backup & Recovery

**The ideal data protection solution for SAP environments**

# Content

- SEP AG

- Challenges IT security

- Requirements for IT security

- Data protection with SEP sesam Hybrid Backup

# Locations

- Headquarters in Germany
- Boulder (USA)
- Amersfoort (NL)

# Technical competence

- Powerful partnerships
- Large support matrix
- Easy installation

# Great backup experience

- > 30 years SEP
- > 25 years SEP sesam

# Best support reputation

- Extremly competent
- Praised by customers many times
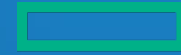- Confirmed by many awards

**SEP**

**25+**
Years of experience

**1000+**
New installations per year

**50+**
Countries use SEP sesam

# STRATEGICAL PARTNERSHIPS

# HIGHLIGHTS

**SEP**

## Versatile Disaster Recovery

- Linux and Windows
- DR for backup server

## Granular object restore

- Exchange
- Sharepoint

## Efficient deduplication

- 4 patents
- variable block length
- Source and destination dedup
- Replication

## Powerful scripting interface

- PRE/POST
- Command dates
- CLI
- REST API

## Free choice at the backup server

- Windows / Linux
- Physical / virtual
- Cluster

## Long versions support

- Multiple versions
- e.g. WinNT, Micro Focus
- 24x7 always included

# Challenges IT security

- Force majeure
- Human and logical errors
- System failure
- Cybercrime
- Backdoors
- GDPR and adaptability
- Digitalization
- Heterogeneous environment

# Requirements
## Legal certainty through technical security

**SEP**

## Key elements of SEP sesam

- Backup concepts
    - 3-2-1 rule and more
    - Low data loss --> RPO
    - Fast recovery --> RTO
- BSI compliant
    - No backdoors
    - Spyware free
- Encryption
    - Backup job and backup media
    - of the communication
    - of the data stream
- Access protection
- Efficient disaster recovery for Windows and Linux
- Monitoring and reporting

# SAP DATA PROTECTION

**SAP**

SAP certifications:

NetWeaver on Oracle DB on Linux

NetWeaver on Oracle DB on Windows Server

NetWeaver on MaxDB

SAP HANA (SLES, Red Hat)

SAP HANA on IBM Power Architektur (Linux)

SAP ASE (ex-Sybase)

Interfaces:

*BRTOOLS/RMAN* for Oracle, BRTOOLS/*dbmcli* for MaxDB, *backint* for HANA

SAP Business One

- Based on SAP HANA certification
- The only Backup SW with SMB price level
- User-based licensing matching with SAP

Enterprise Usability

- Performance through multi streaming
- Proven in a lot of customer installations
- Also certified for Fujitsu's „PRIMEFLEX for SAP"
- Support and references for SAPs' future: S/4 HANA

# HYPERVISOR SUPPORT

**SEP**

## VM Ware

- Agentless via vStorage API
- VSS
- Change Block Tracking
- vMotion, VMware HA
- Single File Restore
- Instant Recovery
- HotAdd, nbd(ssl), SAN
- Activation of VM after restore
- LAN-free backup
- Sandbox Restore

## HyperV

- MS API
- VSS
- Single File Restore
- Live Migration
- CSV
- SMB 3.0
- Component Based Restore
- Single Host or Hyper-V Cluster

## CITRIX XCP-ng

- Xen API
- VSS
- Native INC via CBT
- Single File Restore
- Single Host or Poolmaster
- Recovery on different host
- Restore via management LAN
- XenHost Metadata

## Red Hat Oracle

- oVirt API
- Online Backup
- RHV host or Cluster
- DataMover as VM
- Granular Restore (complete VM, single virtual disks or meta data only)
- Single File Restore
- LAN-free backup

## KVM

- libVirt API
- Qemu
- Online Backup
- Client on every host
- Single File Restore

## OpenNebula

- Online backup via API
- Full backup von VMs

## Proxmox

- Online Backup via API
- Full backup of VMs
- Clustered hosts
- Backup of LXC

**NUTANIX coming 2021**

## UNIFIED LOOK & FEEL FOR BACKUP AND RESTORE IN THE UI

# Future-proved data protection
# at SAP University Competence Center (SAP UCC)

The SAP-certified backup and restore of the data in the data center
of the UCC Magdeburg could be flexibly migrated to SEP sesam.
A future expansion of the SAP-focused IT environment to S/4HANA
is individually and possible for the latest software versions.
"With SEP sesam, we can quickly back up even the latest versions
of SAP solutions and databases." André Faustmann, Technical
Manager, SAP University Competence Center (SAP UCC)

View the success story

techconsult
Professional User Rating:
Security Solutions

Backup and Recovery 2021

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SEP

- Leader in Backup & Recovery
- Independent user/customer survey

Champion — SEP

Microsoft

Seagate — BackupAssist
Veritas —
Altaro — HPE

Veeam — Dell EMC
Paragon
IBM — NETGEAR
VMware
Acronis — Carbonite

TeamViewer — Avast
Baramundi
Axcient

Western Digital — Barracuda

Novastor

StorageCraft

Arcserve — NetApp

Solution/Technology Excellence
Company Excellence
Performer
Balanced

Solution/ Technology Rating
Company Rating

# „Software Made in Germany"
## Seal of approval from the German IT SME Association

**SEP**

- Sophisticated design
- Field-proven solutions
- Mature production processes
- Constant, inspiring innovations
- Competent customer service

Software
Bundesverband
IT-Mittelstand
Made in Germany

100%
Service
Qualität
Zukunft

# Sources of information

**30-day trial version incl. free support**
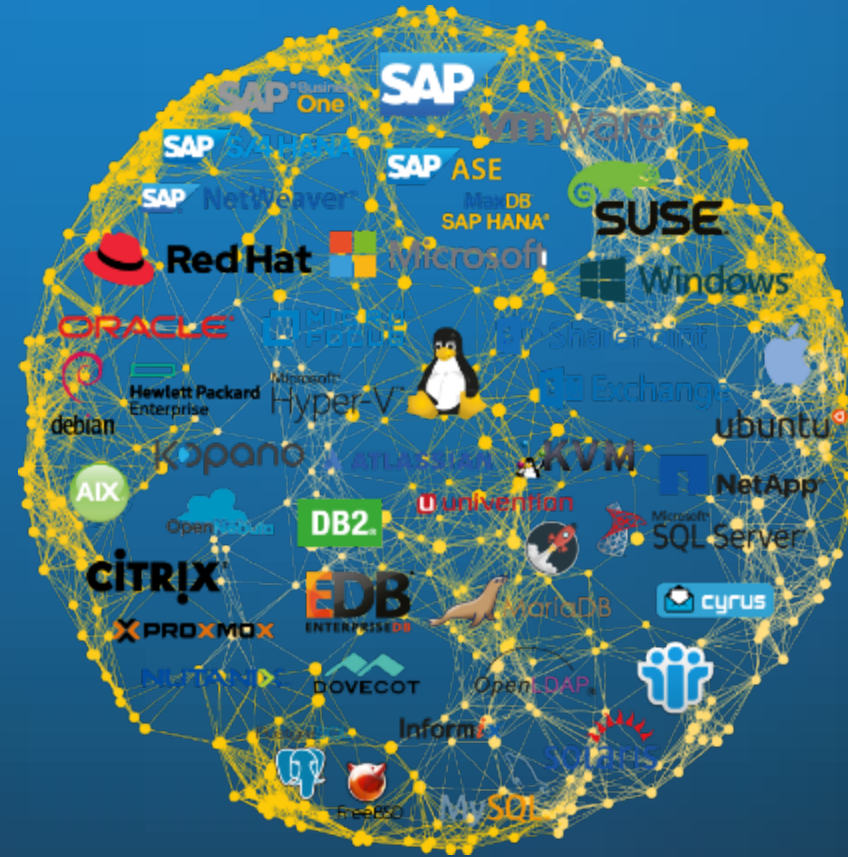
sep.de/download

**SEP Wiki**

wiki.sep.de

**Success Stories**

www.sep.de/resources/references/

**Youtube Channel**

youtube.com/sepsesam

**Supportmatrix**

sep.de/supportmatrix

# protectionow.
## safe lifetime.

**We are at your disposal for any questions!**

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SEP