

# SEP sesam

Bare System Recovery



Data security and data availability in heterogeneous networks. Flexible. Scalable. Economic.

**SEP sesam** is designed for Client/Server architectures; from a small data server up to large heterogeneous data processing centers using large databases and scalable Storage Area Networks (SAN). To meet the demands of high performance computing SEP sesam utilizes multiple data streams to maximize system backup and minimize time required for scheduled backup routines.

SEP Bare System Recovery (BSR) for Windows enables together with Cristie Bare Machine Recovery (CBMR) the recovery of Windows operating systems as well as the entire user-data after a total loss or disaster case.

**Cristie Data Products** – CBMR (Cristie Bare Machine Recovery) is a powerful, easy-to-use software that enables rapid recovery of Microsoft Windows systems.

CBMR backs up the operating system and hard disk configuration of critical servers. After damage to or failure of the physical hardware or a corruption of the operating system CBMR provides fast and reliable automated recovery. CBMR's Dissimilar Hardware Feature allows driver installation during recovery process and therefore enables recovery to different server models or brands. CBMR is in use by major cooperations around the world.

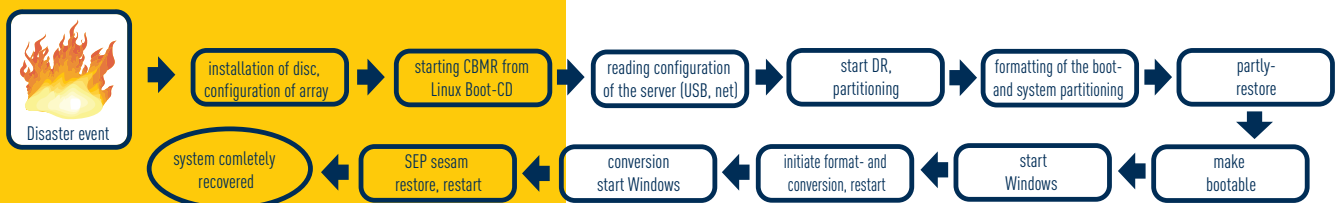
**CBMR** is certified by SEP and is distributed worldwide as add-on to SEP sesam. CBMR in combination with the SEP sesam backup server assures the SEP sesam data backup client (server or workstation) against a possible system failure and allows with this method a quick and reliable backup concept.

In case of a system failure or crash, the complete system can be recovered with this technology in a very short time. Apart from the file systems FAT16, FAT32 and NTFS even different hard disc configurations (various partitions, various hard discs, extended partitions, numerous operating systems, Compaq-hard disc partitions etc.) are supported.

### SEP sesam and CBMR merge up in SEP BSR

Through the integration into the SEP sesam backup concepts, the administration, handling and saving of the CBMR data happens at the SEP sesam data backup server. For the recovery event, with this method, all needed data and information is available to the SEP sesam backup server. This guarantees a secure and fast recovery.

SEP BSR for Windows infrastructures, the combination of CBMR and SEP sesam, is the ideal solution for a high-performance and ambitious Disaster Recovery concept.



#### CBMR Features:

- "Ready for SEP Bare System Recovery (SEP BSR)"
- Recovery of Windows NT4, Win2K, WinXP and W2K3 operating systems
- Linux based recovery
- Automated SEP BSR procedure
- Can restore a Windows OS server or workstation in minutes
- Support for Citrix and MS Cluster Server
- Recovery to similar or dissimilar hardware
- Recovery to or from virtual machines

#### SEP sesam Features:

- Cross platform & heterogeneous networks – Windows NT/2000/XP/2003, all common Linux distributions & UNIX derivatives as well as OpenVMS
- Easy installation and configuration
- Automatic recognition of storage devices at SEP sesam installation
- Support of tape libraries, single tape drives and discs in SAN and NAS
- Centralised administration through a graphical user interface (Java)
- High performance – up to 64 datastreams from different sources possible
- Remote function - with remote device support and remote device server
- SEP sesam scheduler - integrated, heterogeneous calendar function for management of all backup-restore-process and command tasks

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