SEP Software Corp.

SEP Software Corp. is a premier technology leader providing standardized and high-performance backup and disaster recovery solutions for professional IT environments of all sizes. Its flagship product, SEP sesam, delivers a single solution to manage corporations' backup requirements.

SEP sesam ensures that data security for both virtual and physical environments including data backup and restore, disaster recovery and encryption can be both easily and cost-effectively achieved. SEP's software is the ultimate expression of German engineering and attention to detail. Design and programming originate from our German offices in Weyarn, near Munich, where overall performance and reliability are our utmost concern.

Certified SAP Integration

SAP has certified SEP sesam's database backup, restore, and recovery functionality for connectors from Oracle, MaxDB, MS SQL, mySQL as well as the new SAP Business One and guarantees the uninterrupted operation of backups for databases and metadata. SEP sesam directly communicates with SAP API's for backup, restore and recovery and has been certified as SAP Solution Manager-Ready.

SEP sesam for **SAP** | SUSE

Backing Up SAP Applications on SUSE Linux Enterprise Server

The SEP sesam database module for SAP Business One and SAP running on SUSE Linux Enterprise Server (SLES) assures interruption-free backup operations of the respective database directly to the backup media without an intermediate backup to the file system, instantly reducing backup windows and increasing performance.

SEP sesam integrates with the database interface and can execute all backups, restores, and recoveries without hindrance. Control and planning for database backup is made possible using SEP sesam by leveraging the SAP NetWeaver environment tools or can be established through database priorities in the data backup server.

SEP provides comprehensive data protection of SAP Business One environments, which includes backups to protect the database against data corruption or data deletion and replication for disaster recovery purposes.

SEP sesam backups are necessary to:

◎ Ensure against disk or other media failure

◎ Reset the database to an earlier point in time

◎ Prevent data loss from logical errors

◎ Provide protection beyond replication

SEP Data Protection

SAP In-Memory Database

SUSE Operating System

SEP Backup & Disaster Recovery

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Back Up SAP Environments with SEP sesam

SAP Partner

- ◎ **Off-Host Backup:** Backup overhead shifts from critical to less critical systems

- ◎ **Centralized Backup Operations:** Centralized management dramatically reduces the cost of backing up large SAP environments

- ◎ **Database Support:** Support for SAP Business One database in SAP NetWeaver environments

- ◎ **BACKINT Support:** provides an easy method to manage and protect SAP data

- ◎ **Flexible Implementation:** Performing database operations through SEP sesam or using the SAP tools independently

- ◎ SEP sesam is certified for integration with SAP NetWeaver

Functionality	SAP (Backint)	Compatible with SEP sesam
Data and Log Backup	Yes	Yes
Backup Scheduling	Not available in SAP Business One Studio. External schedulers can be used in conjunction with scripts (SQL interface)	Yes, SEP sesam polices can be configured to initiate SAP backups
Manual Backups	YES. SAP Business One Studio, SQL commands (hbdsql), external scheduler triggering	Yes, SAP Business One Studio, SQL commands (hbdsql) external scheduler triggering
Backup of Configuration Files	No	Yes
Point-in-Time Recovery	Yes	Yes
Recovery to a Specified Location	Yes	Yes
Backup Media and Capacity Management	No	Yes
Data Encryption	No	Yes
Multi-Copy and Retention Management	No	Yes

SEP, SAP and SUSE Partnerships

SUSE and SEP combine the expertise of Linux operating system applications and SEP's backup and disaster recovery software to support all SAP applications. SUSE, SAP and SEP have formed a partnership using their industry-leading IT infrastructure and application technologies in order to offer integrated enterprise solutions with the highest performance on the market.

Deduplication with SEP

SEP's Si3 Inline Deduplication Technology organizes the incoming data into fragments or blocks for analysis. An algorithm generates hash values that clearly identify the values in the deduplication store, which are then stored in an index. As subsequent backups are completed, new values are saved. When the data has a hash value that is already indexed, the data will not be stored a second time and the hash count will increase with each backup. Unique data always generates a new hash code. The advantage of SEP's Si3 Inline Deduplication for SAP Business One is the ability to storage consumption. Deduplication must always take place before compression and encryption.