

## BEX Extreme Data Recovery

Gain **confidence** in your ability to recover data quickly and easily – when and where you need it

### RECOVERY WITHOUT COMPROMISE

- Assure successful, frequent, low-impact backups – every time
- Achieve five-minute return to operations after a data loss – regardless of size
- Recover to virtualized servers instantly
- Realize rapid mailbox and message recovery for MS Exchange
- Perform all backup/recovery operations easily from a single pane of glass
- Gain a seamlessly integrated solution for data protection and disk storage through powerful NetApp interoperability

### Key Recovery Benefits of Syncsort BEX

- Minimize financial repercussions resulting from loss of data or disruption of operations
- Improve decision making by having information available – when it is needed
- Meet even highly stringent recovery SLAs
- Increase return from existing resource investments – including your virtualization investment
- Keep management costs low through simple administration

“BEX advanced recovery is a cost-effective and powerful alternative for creating a redundant computer center. We are very impressed with the technology.”

— Andreas Erben, System Administrator, Martin Bauer Services GmbH

### The Challenge – A Crisis in Confidence

Having the confidence in one's ability to recover data quickly is a fundamental but often elusive goal for all IT departments.

Older backup and recovery technologies can no longer do the trick. Data growth and server virtualization have outpaced data protection technologies. Statistics show that, on average, data doubles every 18 months, which means that in 5 years you'll have eight times as much to back up – and potentially recover – as you have today. No organization can afford to increase their hardware or IT administrative staff proportionally.

### The Solution – Syncsort BEX Extreme Data Protection Software

#### Successful Data Protection is Step One

No recovery solution can be successful without reliable, consistent, frequent backups. The backup technology delivered by BEX allows you to:

- Back up in minutes instead of hours
- Reduce storage footprint by 95%
- Deliver backup success rates > 99%, with minimal strain on your IT staff

This is achieved through BEX's ability to back up only changed data blocks without the need to scan the

## BEX supports multiple recovery models delivering the fastest recovery for different data loss scenarios



File  
Recovery  
with Catalog



Integrated  
Application  
Recovery



Full Server  
Recovery



Remote  
Disaster  
Recovery

file system at backup. Because the agent tracks the data changes in real-time, there are no issues with open files or backup windows. In addition, BEX server backups have nearly zero negative impact on applications or virtual machines. Compared with file level incremental, the amount of data moved – and stored – is reduced by 95%, assuring a 99+% success rate for typical server backups.

### BEX Recovery Gets You Straight to Your Desired Data Fast

BEX is supported by a single catalog that not only tracks all backup jobs and their underlying file location but, through proprietary technology, assures that the data on the secondary storage is fully assembled in its native format and is ready to use – if and when the time comes. There's no time wasted at recovery reconstructing the data from multiple incremental backups.

BEX offers recovery processes optimized for each data loss scenario, designed to minimize Recovery Time Objective (RTO) in order to meet Service Level Agreements (SLAs). For example, for simple folder and file restores, the BEX console rapidly searches and displays all instances that have been backed up. Even individual Microsoft Exchange mailboxes and messages can be recovered in only minutes.

### Volume, Database, and Full Server Recovery – In Five Minutes

For volume or database recovery, BEX enables you to quickly – through a few clicks of the BEX console – map application servers to read/write backup volumes on secondary storage, which frees you from having to transfer files from the secondary storage back to the production server – a slow and arduous process. This feature, called BEX Instant Availability, enables application access to any size volume in less than five minutes.

For full server recovery, BEX leverages popular virtualization technology. Using BEX Instant Virtualization™, a virtual machine is created and mapped directly to the server snapshot on your secondary storage. Whether the original source is a physical or virtual server, your application – and your business – continues practically uninterrupted.

### BEX Bare Metal Recovery – Simple and Sleek

In the event you lose a root volume or operating system, BEX BMR streamlines that recovery process, even to dissimilar hardware, significantly reducing downtime. Depending on recovery needs, BEX BMR can restore the operating system, system settings, partition information, applications and data – all in a fraction of the time required by manual methods.

## About Syncsort

Syncsort is a global software company that helps the world's most successful organizations rethink the economics of data. Syncsort provides extreme data performance and rapid time to value through easy to use data integration and data protection solutions. With over 12,000 deployments, Syncsort has transformed decision making and delivered more profitable results to thousands of customers worldwide.