

## SPHiNX™ FileStor-HSM

### Highlights

- Migrates inactive files from Windows File Servers
- Simple installation and configuration
- Integrates seamlessly with Microsoft File Servers
- Offers online failover capability

### Overview

FileStor-HSM software application provides systematic migration of inactive and rarely-used data on Windows File Servers to the SPHiNX data protection archive. This migration is transparent to end users, meaning inactive data is physically migrated but still readily visible and accessible at all times.

### Key Features & Benefits

#### *Seamless & flexible archiving*

As a plug-in to MS Explorer, HSM is a non-intrusive addition to MS File Servers, integrating into the file system using the Microsoft Management Console (MMC). Migration, release and recall processes are transparent. Users still continue to access files as if they were stored on the MS File Server. Simple to install and configure, FileStor-HSM requires no external database, and files in the managed file system path can be deleted, renamed and moved.

#### *Policy-based migration*

Administrators set policies defining which files should be migrated or released. Policies are based on file properties including file type, timestamp or size. By monitoring space on managed volumes and automatically releasing migrated files based on volume size watermarks, FileStor-HSM allows files to be migrated to one or more archive targets.

#### *Availability & reliability*

Fault-tolerant access to data is supported since FileStor-HSM allows multiple copies of data to be written in parallel to separate archives. If one archive fails, FileStor-HSM automatically

recalls data from a secondary archive. Duplicate copies are migrated to archives, so remote copies can be accessed even if the file system fails. Also, most major backup applications can back up metadata that supports offline files. To enhance data accessibility in the event of a file system failure, FileStor-HSM supports MS Server Clusters.

#### *Cost savings & performance gains*

FileStor-HSM lowers costs for backup infrastructures and media. By freeing up valuable disk space on File Servers, HSM reduces network traffic during backup operations. More importantly, FileStor-HSM shortens the backup/restore window, which reduces backup equipment and media expenses.

#### *Interfaces & utilities*

- User interface integrated into MMC
- Microsoft Explorer plug-in for manual migration, release and recall of files
- Command Line Interface

## FileStor-HSM Specifications

### Supported Back-end Storage Systems

CIFS-connected SPHiNX-EX storage system

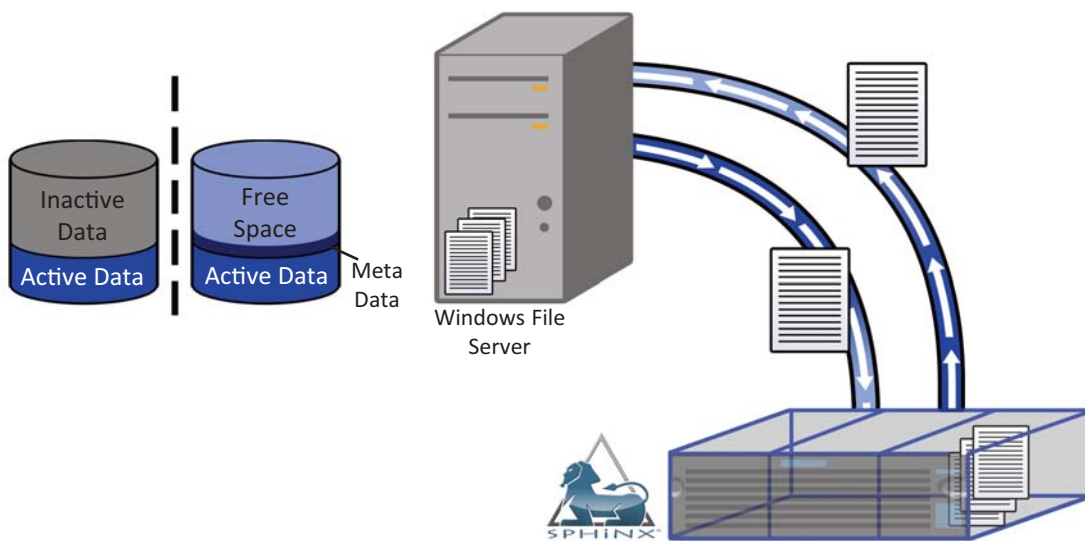
### Supported OS Versions

Microsoft Windows Server 2003 SP2 Standard & Enterprise  
Microsoft Cluster Support

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Microsoft Cluster Support

Microsoft Windows Server 2008 R2 SP2 Standard, Enterprise  
& Data Center Editions  
Microsoft Cluster Support

## FileStor-HSM Architecture



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### ABOUT CROSSROADS EUROPE GmbH

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