



# HSC

## LIBRARY MANAGEMENT SOFTWARE

### Key benefits

#### Centralize management

HSC software enables a centralized mainframe tape storage model that allows you to ease administrative burdens and manage more with less.

#### Reduce costs

Library resource sharing reduces capital equipment, maintenance and operating costs while simplifying library management.

#### Increase utilization

Centralized management helps you optimize the use of your library resources.

#### Allocate resources dynamically

HSC software allows supported applications to dynamically allocate library resources without hard-partitioning tape slots.

#### Increase availability

Serviceability and redundancy features minimize scheduled and unscheduled downtime.

### Host Software Component (HSC) library management software

When you are tasked with managing tape assets, you need to look for ways to improve storage performance and increase management efficiency. Host Software Component (HSC) library management software responds to this need. It provides the capabilities you need to centralize the management of your StorageTek® tape libraries in mainframe environments. Along the way, it helps you reduce your cost of ownership and unleash profits trapped in your storage environment.

#### Centralize management

HSC library management software enables StorageTek's world-class automated tape libraries to operate in an MVS environment. The software manages the interface between the operating system and each automated cartridge system for MVS and VM tape environments.

HSC software has demonstrated its ability to work consistently and reliably in thousands of enterprises. It delivers the benefits of centralized storage management to mainframe environments. Centralization enables easier administration, increased utilization of storage assets and a lower total cost of ownership.

#### Advanced capabilities

##### Dynamic resource allocation

HSC software allows any supported application, or combination of supported applications, to dynamically allocate library resources without hard-partitioning tape slots in the library. Yet, to each application, the libraries appear to be operating under the exclusive control of HSC software.

##### Records maintenance

HSC software maintains, in a disk control data set, records of each cartridge stored in each automated cartridge system. The disk control data set can be protected by providing shadow copies. If one copy is lost, switch to the shadow copy.

##### Message translator

HSC software intercepts mount/dismount messages, translates them into move requests and routes them to the library management unit (LMU).

#### Applications

##### Tape library management

HSC software acts as the host interface in MVS and VM tape environments. It is designed to work in tandem with other tape management software.

## Options

- Expert Library Manager (ExLM®) software makes the most of automated storage systems with rules-based library content management. It works with HSC software, Virtual Tape Control System (VTCS) software and other tape management systems to manage library content and provide robust reporting on physical and virtual volumes.
- Expert Performance Report (ExPR™) software automates performance reporting and simplifies management of manual tape systems, automated tape libraries and the Virtual Storage Manager® (VSM®) system. It gathers precise and timely information about tape usage and performance, so you can see who is using what resources, when and how efficiently.

- Extended High Performance Data Mover (ExHPDM) software maximizes the effectiveness of the tape subsystem and speeds backup and restore processes, allowing fast data transfer to and from tape. The software, which resides on an MVS host, allows single tape cartridges to accept output from multiple hosts simultaneously.
- LibraryStation™ software enables the use of HSC software to centrally manage SCSI-attached automated tape libraries. To eliminate the need to physically move data, LibraryStation software uses a client/server approach to automate MVS operations.

### To learn more

To learn more about HSC software and how it can help you unleash trapped profits in your storage environment, talk to your StorageTek representative.

## HSC library management software specifications

### Operating environment

|                               |   |
|-------------------------------|---|
| Minimum software requirements | MVS implementation: MVS/ESA SP version 5.2.2 (including all OS/390 and z/OS versions)<br>SMC with HSC 5.0 |
| Minimum hardware requirements | MVS, VM implementations: IBM, IBM-compatible mainframe  |

### Compatibility

|                                   |   |
|-----------------------------------|---|
| Supported operating systems       | Tape libraries<br>PowderHorn® 9310<br>TimberWolf® 9740<br>4410<br>9360<br>9740<br>StreamLine™ SL8500* |
| Supported storage systems         | Tape drives<br>4480<br>4490<br>9490<br>9490EE<br>T9840A, B and C<br>T9940A and B                      |
| Supported tape management systems | All major mainframe tape management products including CA-1, RMM, CA-TLMS, Control T and others       |

\*Available upon FRS of product



### ABOUT STORAGETEK®

Storage Technology Corporation (NYSE: STK), a \$2 billion worldwide company with headquarters in Louisville, CO, has been delivering a broad range of storage management solutions designed for IT professionals for over 30 years. StorageTek offers solutions that are easy to manage, integrate well with existing infrastructures and allow universal access to data across servers, media types and storage networks. StorageTek's practical and safe storage solutions for tape automation, disk storage systems and storage integration, coupled with a global services network, provide IT professionals with confidence and know-how to manage their entire storage management ecosystem today and in the future.

StorageTek products are available through a worldwide network. For more information, visit [www.storagetek.com](http://www.storagetek.com), or call 1.800.275.4785 or 01.303.673.2800.

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