

StorageTek Enterprise Library Software



Until now, Oracle's StorageTek enterprise library software was available only as separate components that required individual installation and maintenance. Now, StorageTek Enterprise Library Software packages together multiple components along with many enhancements—all designed to reduce complexity, boost productivity, and improve reliability and availability in your data center. This solution makes it far easier to optimize your StorageTek mainframe tape automation solution and to protect mission-critical data.

KEY BENEFITS

- Take advantage of multiple functions offered in one software package that is easy to install, configure, and use.
- Reduce complexity through improved software integration.
- Improve productivity with enhanced functionality and usability at a lower price point.
- Reduce risk of data loss thanks to new disaster recovery capabilities, higher availability, command prevalidation, improved mount processing, and more.

Reduce Complexity with Consolidated Software

StorageTek Enterprise Library Software consolidates software functions and enhancements into a single, easy-to-install software package. The components are integrated so that you can eliminate complexity and save time. StorageTek Enterprise Library Software includes the following features:

- Host Software Component (HSC). Provides centralized management of StorageTek libraries in an MVS/VM environment.
- Storage Management Component (SMC). Serves as the interface or logic between the mainframe operating system and the libraries.
- Virtual Tape Control System (VTCS). Enables centralized management of StorageTek libraries in virtual environments.
- HTTP server middleware. Enables communication between the SMC software and a remote HSC subsystem, now integrated into SMC address space.
- Concurrent Disaster Recovery Test (CDRT) utility. Enables disaster recovery testing concurrent with production activity.
- Optional Library Content Manager (LCM) software. Working with ELS, provides automated library management to enhance/optimize overall performance by providing content management to assure that there are adequate resources (i.e. tape drives, tape cartridges, etc.) available to run scheduled jobs and run them at optimum efficiency. Also, provides physical tape vaulting capabilities and saves the information in the Control Data Set (CDS). LCM also reports to the customer the overall operations of the library.
- VM Client 7.1. Working as a client to HSC this software provides the ability for VSM virtual tape support in the z/VM environment. .
- Simpler command interface. Provides a single command interface for HSC and VTCS.
- Improved volume definition. Defines volumes once, with no overlaps.

Boost Productivity with New Features and Functions

Compared to HSC and VTCS individual software, StorageTek Enterprise Library Software delivers enhancements in several areas to provide more functions and increased usability at a lower price.

- Parameter pre-validation of storage management policies. Simulates changes prior to production to save time.
- Improved CDS recovery and logging. Reduces recovery time through integration with VTCS.
- Integrated task-oriented documentation. Saves time with intuitive documentation system based on best practices.
- Optional Library Content Manager (LCM) software. Directs the robotics to perform tape drive mounts and dismounts. The LCM software works along with ELS by providing library management/optimization capabilities. LCM is highly recommended in order to keep your library in top running condition.
- Improved migration system. Enables automated scheduling to meet business needs.
- Improved CDRT. Enables simultaneous production and test operations.
- Expert High Performance Data Mover (EXHPDM). Provides the ability for multiple jobs to concurrently access a single high performance tape drive, such as Oracle's StorageTek T10000C tape drive. More importantly, it allows the tape drive to run at native speed performance levels. EXHPDM allows Backup/Recovery applications to take better advantage of higher performance tape technology.

Improve Reliability and Availability of Mission-Critical Data

When you need the data, you need the data—especially when it involves financial, telecommunications, or government information. StorageTek Enterprise Library Software helps you to take steps to recover faster and to improve day-to-day reliability and availability with the following:

- Enhanced disaster recovery. Features electronic import/export capability to enable an unlimited number of virtual tape volumes to be created in multiple locations.
- Higher availability clustering solution. Expands cluster capability up to four Virtual Tape Storage Subsystems.

Engage the Storage Experts

Oracle offers tailored, mission critical services and support for your storage environment. Oracle Advanced Customer Services helps you address storage challenges by delivering installation, configuration, optimization and on-going monitoring, and tailored support. Oracle service professionals help you achieve the highest levels of system performance and availability with diagnostic and monitoring tools that help anticipate, identify and remediate any potential issues. From tape library installation services, to the design and implementation of key management encryption systems, Oracle service experts help you realize more value from your storage infrastructure - with less disruption to your business. For more information contact your Oracle representative, email mailto:acsdirect_us@oracle.com or visit oracle.com/acs.

STORAGETEK ENTERPRISE LIBRARY SOFTWARE SPECIFICATIONS**HSC Compatibility Software**

IBM z/OS 1.12 or higher

Supported Versions

- *StorageTek Enterprise Library Software (ELS) 7.1 or higher: Supports all features*
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Tape Libraries

- *StorageTek SL8500 modular library system*
- *StorageTek SL3000 modular library system*
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Tape Drives

- *StorageTek T10000series tape drives*
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- *StorageTek T9840series tape drives*
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Tape Virtualization





- *StorageTek Virtual Storage Manager (VSM)4/5/6*
- *StorageTek Virtual Library Extension (VLE)*

Check the StorageTek interoperability matrix for current support levels with other mainframe management software products.

CONTACT US

For more information about Oracle's StorageTek Enterprise Library Software, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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