

# StorageTek Tape Analytics Software



Managing tape storage has never been easier. Oracle's StorageTek Tape Analytics software simplifies tape storage management because it takes a proactive approach to eliminate library, drive, and media errors through an intelligent monitoring software application available exclusively for Oracle's StorageTek tape libraries.

## Simplified, Proactive Tape Management

StorageTek Tape Analytics software is changing the way the world manages tape by moving from a reactive approach to a proactive, predictive approach. StorageTek Tape Analytics software captures library, drive, and media health metrics in its dedicated server database and runs analytical calculations on these data elements to produce proactive recommendations for tape storage administrators. A proactive approach to managing the health of a tape environment improves the performance and reliability of existing tape investments and helps executives make informed decisions about future expenditures.

### SIMPLE, PROACTIVE, AND FLEXIBLE

#### Key Features

- Simplified tape monitoring
- Proactive approach to maintaining a healthy tape environment
- Automated reports and email notifications
- Scalable to meet the needs of the world's largest archives
- Flexible solution that does not invade the data path
- Built on a proven Oracle Fusion Middleware code base
- Monitoring for drives manufactured by Oracle, HP and IBM
- Multivendor media support
- Automated Library Media Validation
- Monitoring of geographically dispersed tape environments from a single pane of glass
- Engineered exclusively for StorageTek tape libraries

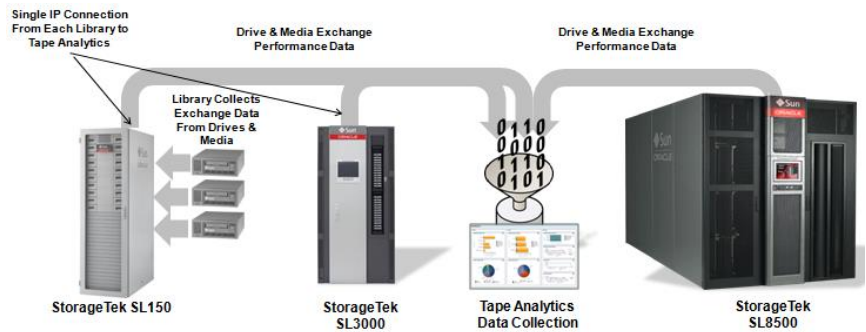


StorageTek Tape Analytics software provides tape storage customers with access to leading edge tape monitoring software that goes far beyond exposing a red, yellow, or green indicator. Rather, StorageTek Tape Analytics software provides insights into more than 300 detailed drive, media, and library health attributes that empower tape storage administrators to make proactive decisions about their tape environments prior to device failures.

## A Unique and Secure Approach

StorageTek tape libraries are engineered to work with StorageTek Tape Analytics software so that customers do not have to take on additional risk when monitoring tape storage devices. The software is architected to simplify tape monitoring, not to add complexity to tape environments. StorageTek Tape Analytics software connects to each library it is monitoring via a single Ethernet connection. StorageTek tape libraries are engineered to use SNMP protocol to pass additional drive and media health information directly to the StorageTek Tape Analytics software through the dedicated IP port.

Other vendors deploy an appliance directly into the data path, exposing the tape environment to unnecessary risk. When a third-party appliance is deployed into the data path, drive and media health data moves alongside live data after every cartridge mount request. When the third-party appliance reserves a tape drive to gather this data, the drive is no longer available to the backup or archive applications. If the third-party monitoring appliance goes offline for any reason, the risk of losing access to a tape drive increases. In addition to invading the data path, these third-party appliance solutions require switches and, ultimately, add cost. Oracle's architecture is truly out of band, providing a safe and secure approach to monitoring the health of tape storage devices.



## Growth with Peace of Mind

When investing in tape technology, customers look for solutions that can be deployed for the life of their data. The software that monitors these investments should be scalable to support these long-term investments. StorageTek Tape Analytics software scales to meet the needs of the largest archives in the world. It is designed so that the database capturing the health of tape devices scales with the tape environment. Solutions from other manufacturers have limited databases, forcing their monitoring software to purge health data halfway through a library's useful life. This is not the case with StorageTek Tape Analytics software. It ensures that customers have access to the current and historical health data of their tape libraries for the life of their deployments.

## Built on the Oracle Software Stack for High Reliability

StorageTek Tape Analytics is built on industry-leading Oracle Fusion Middleware Advanced Development Framework, an application that serves more than 100,000 customers worldwide. The leveraging of Oracle's software stack for Oracle's StorageTek Tape Analytics provides peace of mind that the code base is well supported, with Oracle engineering supporting enhancements to the software framework.

## Specifications for StorageTek Tape Analytics 2.3

Oracle highly recommends contacting your Oracle sales representative for assistance with server sizing. Your sales representative can use the StorageTek Tape Analytics Server Sizing Tool to recommend a server that is sized appropriately to meet your site's needs.

### SYSTEM REQUIREMENTS





<b>Minimum Operating System Requirements</b>	Oracle Linux Unbreakable Enterprise Kernel for Oracle Linux <ul style="list-style-type: none"> <li>Minimum: 6.6</li> </ul> Red Hat Enterprise Linux Kernel <ul style="list-style-type: none"> <li>Minimum: 6.6</li> </ul>	
<b>Minimum Hardware Requirements for Dedicated Server and Supported Browsers</b>	Oracle highly recommends you contact your Oracle sales representative for assistance with server sizing and supported browsers. Your sales representative can use the STA Server Sizing Tool to recommend a server that is sized appropriately to meet your site's needs.	
<b>Supported Tape Libraries</b>	StorageTek SL8500 Modular Library System StorageTek SL3000 Modular Library System StorageTek SL500 Modular Library System StorageTek SL150 Modular Library System	
<b>Supported Tape Drives</b>	StorageTek LTO8 Tape Drive StorageTek LTO7 Tape Drive StorageTek LTO6 Tape Drive StorageTek LTO5 Tape Drive StorageTek LTO4 Tape Drive StorageTek LTO3 Tape Drive	StorageTek T10000D Tape Drive StorageTek T10000C Tape Drive StorageTek T10000B Tape Drive StorageTek T10000A Tape Drive StorageTek T9840D Tape Drive StorageTek T9840C Tape Drive
<b>Supported Tape Media</b>	LTO8 Tape Media LTO7 Tape Media LTO6 Tape Media LTO5 Tape Media LTO4 Tape Media LTO3 Tape Media	StorageTek T2 Media StorageTek T1 Media StorageTek T9840 Media

### CONTACT US

For more information about StorageTek Tape Analytics Software, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



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### Hardware and Software, Engineered to Work Together

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