

Sun StorageTek™ Virtual Tape Library Value (VTL Value)

Add VALUE to your data protection systems



Backups fail. Recoveries take too long. Your IT environment may not be ready to enjoy tape economies but you still need another storage tier. These all-too-familiar concerns place your data and your business at risk.

Highlights

- The Sun StorageTek™ VTL software coupled with the breakthrough architecture of the Sun Fire™ X4500 server delivers virtual tape benefits at extreme cost savings versus other backup solutions
- The Sun ZFS delivers the highest end-to-end data integrity, high availability and performance to assure completed backups and protected data
- The all-in-one, pre-configured VTL Value module simplifies storage management with a single, simple user interface which takes complexity out of the IT environment
- Extreme storage density and eco-friendly power and cooling provides space efficiency and reduced energy costs
- Enhanced performance and efficiency assures customers faster backups, shorter backup windows and more reliable backups
- Security is enhanced through encryption via the Sun Solaris™ platform for online virtual protection
- Gain confidence that your technology investment is protected and that your business will be responsive to change with our world-class service organization

Now, however, you can address backup/recovery issues with an advanced, disk-based virtual tape and library solution perfectly suited for a small to medium-sized open systems environment, or for staging your Remote Office/Back Office (ROBO) strategy.

The Sun StorageTek™ Virtual Tape Library Value (VTL Value) improves your ability to protect data when implementing a backup and recovery system. Its compact size and dense storage capacity ensures floor space efficiency at a price that won't break your bank account. Through virtualization it provides you with a multitude of virtual tape drives and library resources that can be deployed, managed, and monitored from a single point along with excellent performance to support your business.

Simple and efficient

Sun's vision for storage virtualization offers you solutions that make data storage simple, flexible, and efficient—allowing you to store and move data when you want, to where you want; based on your desired availability speeds, cost per gigabyte, and the value of your data at each stage of its life. With virtualization, you'll achieve a state of storage "nirvana" that you only dreamt of.

The Sun StorageTek VTL Value changes the status quo to eliminate multiple points of management found in traditional backup solutions that eventually add to the complexity of your environment. The Sun StorageTek VTL Value is the best-in-class storage virtualization solution for companies looking to take advantage of proven server and disk technology in one single unit. The appliance combines a server and SATA disk storage plus software in a single unit that integrates seamlessly with leading backup products. At its foundation the Sun StorageTek VTL Value leverages the power of Sun's Solaris operating system and ZFS 128-bit file system to ensure product stability and continuity from one version to the next.

The Sun StorageTek VTL Value permits multiple backups to occur simultaneously. The virtualization software presents the SATA disk drives to the operating environment as tape resources, so you can use the standard settings found in your current backup application without modification. Within your existing architecture, you can consolidate the management and provisioning of backup data by emulating tape devices across your backup application, as well as add new workloads without affecting the configuration.

Lower your operational costs

The simplicity and efficiency of the Sun StorageTek VTL Value helps you save money by reducing manual oversight and human intervention. With its vast capacity and impressive price/performance, the Sun StorageTek VTL Value allows you to defer or delay purchases of additional storage as well as re-deploy current storage infrastructure to support other initiatives.

The Sun StorageTek VTL Value drives out management costs with a single point of automated management for physical and virtual resources, local and remote VTL systems and preserves existing investment in backup administration and policies.

Customers report 36 percent reduction of human resource time for managing tape with disk-based recovery, reducing downtime related to backups and accelerating performance so they can maintain better application availability, spend less time in scheduling and troubleshooting and reduce backup administration.

Choose the size and performance you need

The Sun StorageTek VTL Value is available in a 4U one-size-fits-all footprint, that includes 48 high-capacity SATA disk drives with flexibility to allow customers to deploy either 12 TB, 24 TB, 36 TB and 48 TB of raw capacity. The 128-bit ZFS is pre-configured for optimal data protection and specifically tuned for streaming workloads. Depending on the need, the Sun StorageTek VTL Value can be configured to meet your special requirements for alternative host connectivity.

Software options for Sun StorageTek Virtual Tape Library Value (VTL Value) include the following choices:

- Option to Replicate with compression and/or encryption over iP protocol
- Tape caching enables migration of virtual tape volumes to physical tape cartridges for policy management of physical tape libraries
- Support for StorageTek ACSLS Manager™ software
- Secure tape for physical tape encryption
- Support for NDMP
- iSCSI protocol support

Learn More.

For more details visit sun.com/vtlvalue or talk to your local Sun representative.

Engage the storage experts

Sun StorageTek service professionals help you address storage challenges by delivering services and solutions that optimize and manage storage performance over the life of your data. Our implementation services address utilization, availability, capability planning and management efficiency, helping you quickly realize the benefits from your investment so you can continue to access the information you need, when you need it. Our consulting and managed services offer clear and simple choices in solutions that address your regulatory concerns, complex storage growth, resource management, and scalability challenges.

Sun offers a portfolio of service plans for systems, storage, and software that focuses on delivering proven expertise, and responsive, consistent service quality, in order to achieve high availability in your IT infrastructure.

The Sun StorageTek VTL Value is available in a Sun System Pack which combines a Sun tested and optimized VTL Value system with a high-value Sun service contract. The package costs less than purchasing the hardware and services separately, and goes beyond traditional warranty plans by providing access to proprietary reference materials, online user communities, Sun VIP interoperability support, software upgrades, and more. Visit sun.com/systempacks to learn more.

VTL-V Module	Capacity, raw (uncompressed)	Host/total connectivity*	Performance	Virtual tape libraries/ drives/carts MAX	Appliance package
12 TB	12 TB raw 48 250 GB SATA HDD	4-2 Gb/s FC	Up to 267 MB/s	16/128/1024	4U rack mountable*
24 TB	24 TB raw 48 500 GB SATA HDD	4-2 Gb/s FC	Up to 267 MB/s	16/128/1024	4U rack mountable*
36 TB	36 TB raw 48 750 GB SATA HDD	4-2 Gb/s FC	Up to 267 MB/s	16/128/1024	4U rack mountable*
48 TB	48 TB raw 48 1 TB SATA HDD	4-2 Gb/s FC	Up to 267 MB/s	16/128/1024	4U rack mountable*

*Rack mounting of the hardware can be performed by the customer or by Sun as a separately sold service. Please contact your Sun representative for more information.

