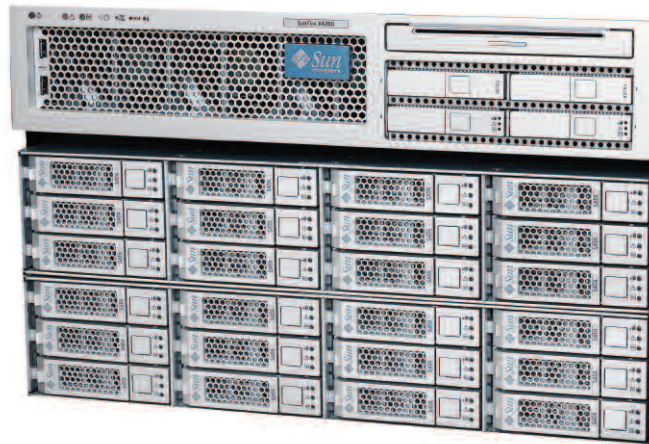


# Sun StorageTek™ Virtual Tape Library Prime (VTL Prime)

Turnkey Virtual Tape Library and data de-duplication solution



## Highlights

- The integrated StorageTek VTL Prime and data de-duplication software, coupled with the award winning Sun Fire servers and world record storage benchmark disk arrays, provide greater reliability for reduced downtime
- Superior data de-duplication price performance delivering significant reduction in storage and replication requirements
- Global de-duplication provides de-duplication across geographically dispersed sites for efficient and optimized use of storage
- Off-line data de-duplication delivering superior performance with no impact to the backup window
- The all-in-one, pre-configured StorageTek VTL Prime models simplify configuration, deployment and maintenance of the systems for lower TCO efficiencies
- Protected by a world-class service organization that can meet all of your changing business needs and protect your investment



Enterprise data is growing exponentially and businesses need a way to dramatically reduce data volumes. Businesses are consistently challenged in backing up data with shrinking backup window. Data in the enterprise is dispersed with over 50-60 percent of all data residing in remote offices, outside of enterprise campuses. Protecting remote office data is now a significant component of the enterprise data protection strategy. Remote offices typically do not have the staff required to do backup properly and, in many instances, the data is not backed up at all. This is a critical hole if the remote site goes down, as the impact to the whole enterprise can be significant.

The Sun StorageTek™ Virtual Tape Library Prime (VTL Prime) System, an integrated VTL and data deduplication solution, addresses these data protection challenges and provides you with real solutions. StorageTek VTL Prime data deduplication software delivers huge data reduction providing significant cost savings by reducing storage and replication bandwidth requirements. StorageTek VTL Prime is simple, cost-effective for remote office/back office (ROBO) operations and integrates an efficient replication technology to promote consolidation of backup data to the central datacenter. VTL Prime also provides high performance and scalability to address the demands of the small medium businesses (SMB), as well as, large enterprises.

### Simple and efficient

StorageTek VTL Prime was designed with simplicity in mind. It's simplicity begins with five pre-configured systems with different capacity points to meet various backup sizes.

StorageTek VTL Prime is fully certified to work with leading backup software and seamlessly integrates into an existing backup infrastructure. Also, a complex enterprise-wide backup process can be simplified by doing backups locally and replicating the data to the central office which can also provide protection from natural disasters. This process can be fully automated by via backup and replication policies.

The StorageTek VTL Prime permits multiple backups to occur simultaneously. The StorageTek VTL Prime software presents the 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.

### Industry leading price/performance and quality

De-duplication is performed offline, after the backup completes, to optimize storage efficiency without jeopardizing the backup window. Award winning Sun servers with powerful Sun storage systems drive the VTL and data de-duplication software for exceptional performance at significantly lower cost per gigabyte than the competition. High performance is also coupled with high quality. All VTL systems go through the industry's most rigorous testing and qualification process. When Sun releases products to production, you can be assured that it's solid and ready for most demanding environments.

### Lower your capital and operational costs

StorageTek VTL Prime's data deduplication allows you to keep more data online for longer periods of time at a lower cost. StorageTek VTL Prime can also reduce your replication bandwidth providing additional cost savings. Typical data reduction of 20:1 can be realized, and the storage savings adds up very quickly and can be significant.

The simplicity and efficiency of the StorageTek VTL Prime can also help you save money by reducing power and cooling costs traditionally experienced when storing equivalent physical capacity. With its vast optimized capacity, and

impressive price/performance, the Sun StorageTek VTL Prime allows you to defer or delay purchases of additional storage as well as re-deploy current storage infrastructure to support other initiatives.

The StorageTek VTL Prime drives out management costs with a single point of automated management for physical and virtual resources, local and remote VTL and data de-duplication 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 StorageTek VTL Prime is available in five configurations allowing you to choose the right product that meets your needs. There are three lower-end models which utilize Sun Fire™ servers to service needs of remote office backups. The two higher-end models deliver performance and capacity for midrange enterprise environments.

The high-performance servers and disk arrays are optimized for virtual tapes and specifically configured for streaming workloads.

### Learn More

To learn more about the StorageTek VTL Prime product, visit [sun.com/prime](http://sun.com/prime)

### Engage the storage experts

Sun 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 Data Readiness 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.

### StorageTek VTL Prime Specifications

Storage	VTL Prime R-Series			VTL Prime C-Series	
	VTL4302R-Z ST2540	VTL4305R-Z ST2540	VTL4310R-Z ST2540	VTL4320C-Z ST6140	VTL4329C-Z ST6140
VTL cache (TB)	1	2	4	8	13.5
Dedupe repository (TB)	2.5	5	10	20	29
<b>Server</b>	<b>X4200</b>	<b>X4200</b>	<b>X4200</b>	<b>X4600</b>	<b>X4600</b>
Host interface	ISCSI/FC*	ISCSI/FC*	FC	FC	FC
# of dual port 4Gig FC HBA	1	1	2	2	2
Storage interface	FC	FC	FC	FC	FC
<b>VTL software</b>					
Tape libraries	128				
Tape drives	1,024				
Tape cartridges	64,000				

\* Optional item

Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 USA Phone 1-650-960-1300 or 1-800-555-9SUN Web [sun.com](http://sun.com)

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