

Datasheet

Virtual Tape Library Appliance

StarWind Virtual Tape Library Appliance (VTLA) is ransomware-resilient archival storage for your business-critical data that complements your on-premises environment with public and object storage tiers. Step away from costly tape-centric backup infrastructures in favor of "air-gapped" virtual tapes to ensure that your data archival and retention requirements are always met.

Automatically replicate and tier your data offsite to AWS, Microsoft Azure, Backblaze B2, or any other public cloud storage for maximum storage infrastructure cost-efficiency and data security. Simplify on-premises storage scaling and management with a range of certified industry-standard object storage solutions.



Double Fine Productions achieved higher applications performance without compromising infrastructure management simplicity

"Price + Simplicity. StarWind VSAN offers great pricing and allows us to get work done without expensive custom hardware. It also makes getting back online quick and easy after an outage or hardware failure"

Aaron Hayes, IT Manager



Simplicity

- > Storage is presented as LTO for easy integration into existing tape-centric backup environments
- > Meet regulatory requirements easily with secure automated data management policies
- > Unmanned DR shipping: automatic tiering and replication to the cloud per user-set policies



Features

- > Shrink backup time and improve RPO using fast disk storage combined with 10/25 GbE connectivity
- > Get RTO close to zero with instant restores from disk-backed virtual tapes
- > Protect your data from ransomware and disasters by air-gapping it with VTLA and an offsite copy



Savings

- > Save on space and resources by replacing physical tape infrastructure with just one appliance
- > Save money on media storage and shipping by leveraging secure and scalable cloud storage
- > Save time on implementation: little to no changes required to the existing infrastructure

Models

StarWind VTL Appliance comes in 3 models to fulfill various capacity requirements. Appliance range delivers up to 0.64 PB of effective local capacity with the ability to expand it using cloud and object storage as a cold data tier. VTL appliance also supports connecting physical tape drives and libraries through SAS/SCSI/FC in order to offload the virtual tape images to physical tapes if required. All appliances support data deduplication and compression.

Model	VTL-160	VTL-320	VTL-640
Usable Capacity, TB	16	32	64
Usable Capacity, TB*	160	320	640
RAID	5 (default); 6; 50, 60, 10;		
Operating Protocols	VTL over iSCSI (Optional block and file services: SMB3, NFSv4.1, iSCSI), VTL over FC		
Public Cloud Connectivity	Amazon: S3, Glacier; Azure blob: Premium, hot, cool, archive; Backblaze B2; Wasabi		
Physical Tape Connectivity	Optional: SAS/SCSI/FC. Please check with your StarWind representative for available options		
Networking	2x 1 GbE + 2x 10 GbE, Optional 25 GbE		
PSU	750W, Redundant		
Form Factor	2U Rackmount		

**After Deduplication and Compression. Data optimization ratio may vary depending on data nature and deduplication/compression processes happening within the backup software.*

StarWind VTL Appliance supports the following backup software:

(Please check with your account manager if the software or version you're using is not listed below)

Backup Solution	Versions
Acronis Backup	10 – 12.5
ArcServe Backup	11.5 – 17
ArcServe UDP	5.x – 7.0
Bacula	9.2.0 – 9.6.6
Commvault	9.0 – 11.20
EMC AVAMAR (via ADMe)	6.1 – 7.5
EMC NetWorker	7.6 – 19.2
IBM TSM & Spectrum Protect	6.2.2 – 8.1.11
HP DataProtector	7.x – 9.0
Microsoft DPM*	2012 – 2019
Unitrends	9.1 – 10
Veeam Backup & Replication	9.0 – 11.0
Veritas/Symantec BackupExecv	12.x – 20.6
Veritas/Symantec NetBackup	6.x – 8.3
Quest NetVault Backup	12.x – 13.x

*Microsoft DPM 2016 may require additional tweaks due known connection stability issues with LTO Tape Libraries

Management and Security: StarWind Web Management, PowerShell, StarWind Command Center

Partner Certified Solutions

Quantum

 **Backblaze**

FUJITSU

aws

 **Azure**

 **wasabi**
hot cloud storage

 **CLOUDIAN**

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