Get Instant Hero Status
Reduce storage costs and optimize your backups.

The DSI Virtual Tape Library is a disk-based solution that connects to a server and emulates physical tape drives and libraries. VTL is a vital tool in your data mastery arsenal which gives you instant hero status by optimizing backup operations so you can save your department money and improve performance to enable rapid disaster recovery.

Whether you’re refining an existing backup system or implementing a new one, the DSI VTL can make the process faster and more smooth by reducing backup windows and improving storage efficiency by up to 95%.

AT A GLANCE
With the DSI VTL, you will reap the benefits of capacity reduction, longer data retention, improved restore times, pervasive security, and increased data reliability through the elimination of tape shipments.

- Meet the backup window. Achieve single node aggregate backup speeds of up to 39TB/hour to meet your single biggest issue in backup.
- Save up to 95% on data capacity needs. Eliminate redundant data and reduce up to 95% of business data stored for data protection purposes, while selecting the deduplication policy that best aligns performance to business requirements.
- Scale as needed. Deploy the only solution that can independently scale high availability backup nodes from cluster deduplication nodes to handle large data sets and extremely demanding backup windows.
- Get peace of mind. Protect data and make it highly available and accessible from multiple sites while integrating with existing backup applications with minimal effort.
I couldn't have implanted a VTL solution at the bank without DSI. In fact, I couldn't even find a VTL solution that was compatible with our environment until we discovered DSI," he said. "We have gained tremendous peace of mind with this new automated process, and the support provided by DSI has been outstanding"—Jason Bordun, Vice President of IT Infrastructure, Cooperative Bank of Cape Cod

REDUCE STORAGE COSTS AND PROCESSING OVERHEAD BY OPTIMIZING BACKUP. The DSI VTL unifies NAS and VTL technologies to enhance legacy backup with a more flexible data protection architecture. By utilizing deduplication, you can reduce physical storage needs and costs.

SCALE PREDICTABLY AND COST-EFFECTIVELY.
Unlike other solutions that pre-process "boost" capabilities, the DSI VTL scales predictably and cost-effectively by adding more VTL nodes, delivering exceptional value.

AVOID COMPROMISING APPLICATION PERFORMANCE.
Unlike other solutions that pre-process the data and move the deduplication workload to the application server, the DSI VTL provides a scalable solution, so you can deploy the right-size VTL configuration for your needs. You won't have to worry that processing on the server will slow your applications nor will you have to invest in higher-end, over-spec’d application servers.

ADD SECURITY WITHOUT COMPROMISING PERFORMANCE.
Complex passwords and customizable account lockout policies can be enabled to add additional layers of security without compromising performance. To ensure data integrity, the DSI VTL provides a full set of features to secure data on backup media, during replication, and at rest. Encryption in-flight protects data during replication.

One Solution For All Your Use Cases

Choose the Hardware Configuration Appropriate For The Level of Continuity Required.

HOW IT WORKS
The DSI VTL works by removing redundant data blocks and replacing them with pointers to the unique data copy. Only unique blocks from the last time the data was stored are kept. All unnecessary meta-data is removed, leaving only the raw data stored on disk. All of these processes are secure, automated, and error-free.

Manage and track thousands of tapes and all your libraries so you can recover data from any point in time.

- Remove the burden of backup from remote office non-IT staff. One of the biggest headaches for IT is performing backups using physical tape at remote offices where often there is no IT staff. Non-IT staff are expected to deal with challenges such as rotating tapes and backup failures. They may not be skilled at this, and backups frequently fail. You’ll get instant hero status by taking this burden off branch office employees while protecting the data and eliminating failures related to tapes and loading/unloading of media.

- Get higher backup speeds without impact to the business. The DSI VTL archives data with no impact to application servers or business continuity.

- Align deduplication processes to business goals. Meet regulatory and compliance requirements for protecting and storing data offsite.
while ensuring it’s highly available and accessible from multiple sites by defining your deduplication use case (remote office, inline, post/concurrent, or none) based on SLAs and business needs.

- Export tapes to the cloud. Achieve low-cost tape archive that is encrypted for protection and managed by the local VTL software. AWS is currently supported in DSI Restore.

DEPLOYMENT OPTIONS
Deploy the DSI VTL in the format best suited to your organization’s unique needs and use cases.

Remote Office Protection
Get the freedom to protect data at remote offices while eliminating failures related to tapes and staffing issues.

Post-Processing and Turbo Deduplication
Achieve higher backup speeds without impacting the backup window.

No Deduplication
Bypass deduplication and eliminate consuming CPU cycles on any data that does not inherently yield good deduplication.

Virtual Appliance
Deploy in small or large environments in virtual or physical settings.

Storage Appliance
Provide continuity and remove the risk of downtime with an all-in-one appliance.

VTL Node
Put storage to better use in larger organizations with gateway deployments that provide consistent capabilities across multiple types of storage.

Learn More at dynamicsolutions.com
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