Storage Solutions for Video/Broadcast Professionals

Tape for Video/Broadcast

The role of tape has changed from backups to archive but tape still forms the last line of defense in data protection. In addition, tape is the only long-term strategy for managing data growth and reducing storage costs.

- High capacity, up to 2.5TB*
- High performance, up to 0.6 TB/hr*
- High density & reliability, LTO-6
- Low media cost, less than 0.01/GB
- Longevity, 30-year archival life
- Industry standard, 8-gen roadmap
- Security, 256-bit AES encryption
- Ease of use, LTFS

STANDALONE TAPE SOLUTIONS

Overland Storage and Tandberg Data have over 35 years experience in the design and manufacture of tape drives and tape automation products. Together we offer the largest portfolio of tape solutions.

Tandberg Data is the only vendor to offer LTO-5/6 HH FC external tape drives. The LTO HH FC external tape drive can be connected via a Thunderbolt to FC Bridge (ATTO or Promise) to create a high performance mobile backup and archiving solution for the media and entertainment industry. Customers can simply drag and drop files from camera smart cards directly to industry standard LTO tape using LTFS.

TAPE AUTOMATION SOLUTIONS

Tape automation solutions are able to store vast amounts of data in a high density, low cost form-factor, by utilising tape automation products organisations can significantly reduce data storage costs and free up vital resources.

- Reduce the risk of data loss thru human error
- Simplify backup, restore & archiving tasks
- Span large files across multiple tapes
- Free-up vital rack space
- Reduce power and cooling costs
- Ease of use, remote mgmt interface

BENEFITS OF ARCHIVING

Recent research has shown that unstructured data is growing 50% year on year, and greater than 90% of this data is never accessed six months from creation, but most of this data needs to be maintained for compliance.

- Reduce backup and restore times
- Reduce wear/tear on primary disk systems
- Extend the life of primary disk systems
- Reduce IT down-time
- Reduce power and cooling costs
- Reduce the risk of data loss.
- Simplify data management

Benefits of Tape

LTO tape technology is the industry standard for backup and archiving offering high capacity, performance and reliability. LTO is an open standard, meaning customers can source drives and media from different vendors and know that all products are fully interchangeable.

TAPE DRIVES

<table>
<thead>
<tr>
<th>SPEED</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTO-3 HH</td>
<td>0.2TB/hr 0.4TB *</td>
</tr>
<tr>
<td>LTO-4 HH</td>
<td>0.3TB/hr 0.8TB *</td>
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<tr>
<td>LTO-5 HH</td>
<td>0.5TB/hr 1.5TB *</td>
</tr>
<tr>
<td>LTO-6 HH</td>
<td>0.6TB/hr 2.5TB *</td>
</tr>
</tbody>
</table>

CODEC RES** SPEED ‡ CAPACITY ‡

<table>
<thead>
<tr>
<th>CODEC RES**</th>
<th>SPEED ‡</th>
<th>CAPACITY ‡</th>
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<tbody>
<tr>
<td>ProRes 4444</td>
<td>4/1/hr</td>
<td>18 hrs</td>
</tr>
<tr>
<td>ProRes 422 HQ</td>
<td>6.1/hr</td>
<td>27 hrs</td>
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<tr>
<td>AVC Intra100</td>
<td>15.5/hr</td>
<td>54 hrs</td>
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<tr>
<td>DVCProHD</td>
<td>13.0/hr</td>
<td>57 hrs</td>
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<tr>
<td>ProRes LT</td>
<td>13.1/hr</td>
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<td>XDCAM HD</td>
<td>32.5/hr</td>
<td>141 hrs</td>
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<tr>
<td>Avid DNxHD</td>
<td>44.3/hr</td>
<td>192 hrs</td>
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<td>SCDAM EX</td>
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<tr>
<td>HDV</td>
<td>60.0/hr</td>
<td>260 hrs</td>
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</tbody>
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TAPE AUTOMATION CAPACITY

| NEOs StorageLoader | 20TB |
| NEOs StorageLibrary T24 | 40TB |
| NEOs StorageLibrary T40+ | 100TB |
| NEO 200e | 40TB |
| NEO 400s | 120TB |
| NEO 2000e | 75TB |
| NEO 4000e | 150TB |
| NEO 8000e | 1,250TB |

Upgrade to LTO-6

Take advantage of the latest technology advancements in storage and future proof your backup and archiving operations.

* Assumes native capacity & transfer rates
** In ProRes LT format (1280x720)
‡ Speed & capacities based on LTO-6
RDX for Video/Broadcast
Reliable and Portable Storage Solutions for Video and Broadcasting Professionals

Store 45 hours of video** on 2TB RDX HDD media
Store 1 hour of video** in less than 4 minutes on RDX SSD media
Cross-platform support for Windows, Linux, Solaris & Mac environments

RDX QuikStor simplifies data handling for video and broadcast professionals. The rugged design ensures easy handling and reliable operation in all production and post-production environments. RDX is designed to withstand drops, shocks, vibration and is the ideal medium for the safe transportation and protection of video during the post-production process.

- Business grade storage solution
- Simplifies data handling & transportation
- Easy to deploy and highly affordable
- Global OEM and system integrator adoption
- Full backward and forward compatibility

Disk for Video/Broadcast
Our disk portfolio of data management and data protection solutions provide high performance, efficient, reliable, fully featured and scalable online and near-line storage to meet all business needs.

- High performance & enterprise features
- High density, saving vital rack space
- High scalability, capacity/performance
- Flexible choice of connectivity options

SNAPSERVER DX1 & DX2
Powerful, scalable NAS for demanding SMB’s with growing storage needs.
DX1 1U, 4-bay, up to 160TB
DX2 2U, 12-bay, up to 384TB

SNAPSCALE X4
High performance clustered NAS solutions for dynamic business environments with unpredictable data growth.
X2 2U, 12-bay, 24TB–512PB
X4 4U, 36-bay, 72TB–512PB

SNAP SAN
High performance scalable SAN solutions for I/O intensive applications requiring non-stop storage services and flexible connectivity.
S1000 2U, 12-bay, 1.2TB–240TB
S3000 2U, 12-bay, up to 384TB
S5000 2U, 12-bay, up to 384TB

About Overland Storage and Tandberg Data
Overland Storage is a global provider of unified data management and data protection solutions across the data lifecycle. Tandberg Data is a wholly owned subsidiary of Overland Storage and a global leader in data storage and protection solutions for SMBs, remote offices and workgroups. By providing an integrated range of technologies and services for primary, nearline, offline, and archival data storage, Overland and Tandberg Data make it easy and cost effective to manage different tiers of information over time, whether distributed data is across the hall or across the globe.