

NEO tape libraries easily adapt to changing storage requirements by providing effortless upgrade capability to next-generation tape drive technologies. This ultra-flexible upgrade approach allows you to consolidate the number of tape cartridges and tape drives in your NEO library while providing increased storage capacity, faster performance and superior features. The end result is that you protect your entire NEO investment for the long-haul and stretch that valuable storage dollar even further.



LTO3

LTO4

LTO5

| | LTO3 | LTO4 | LTO5 |
|--|---|---|---|
| Native capacity per cartridge | 400 GB | 800 GB | 1500 GB |
| Compressed capacity per cartridge | 800 GB | 1600 G | 3000 GB |
| Native data transfer rate per drive | 40-60 MB/s | 80-120 MB/s | 140 MB/s |
| Compressed data transfer rate per drive | 80-120 MB/s | 160-240 MB/s | 280 MB/s |
| Adaptive Speed Matching | 20-80 MB/s | 33-120 MB/s | 47-140 MB/s |
| Host Connectivity | U320 SCSI 4Gb FC | U320 SCSI 3Gb SAS 4 Gb FC | 6 Gb SAS 8 Gb FC |
| Typical Power Consumption | 30 watts | 30 watts | 24 watts |
| Buffer Size | 64-128MB | 128MB | 256MB |
| Backward compatibility | Write: LTO3, LTO2 Read: LTO3, LTO2, LTO1 | Write: LTO4, LTO3 Read: LTO4, LTO3, LTO2 | Write: LTO5, LTO4 Read: LTO5, LTO4, LTO3 |
| ADI interface support | ✗ | ✓ | ✓ |
| WORM & Data Encryption capability | ✗ | ✓ | ✓ |
| LTFS support | ✗ | ✗ | ✓ |
| Avg. street price | \$4,073 - \$5,190 | \$5,489 - \$6,486 | \$6,524 - \$7,288 |
| Avg. cost/GB | \$5 - \$6 | \$3 - \$4 | \$2 |

Why Consider Upgrading Tape Drive Technology in Your NEO Tape Library?

- The ability to **increase** your **storage capacity by over 3x** without adding more cartridge slots or library modules is the most **cost-effective** way to address increasing storage requirements.
- The ability to **double** your **data transfer speeds** without adding more tape drives is the most **cost-effective** way to get to your data faster.
- **Improved speed matching capability** enables your NEO tape drives to perform more efficiently and reduces wear/tear on the tape drives, **improving reliability** of your NEO solution and **reducing** service, maintenance and downtime **costs**.
- Upgrading to **superior host connectivity** results in improved backup performance and superior flexibility in changing data centers, ultimately **reducing cost of ownership**.
- **Improving power efficiency** of the tape drives in your NEO solution **reduces energy costs** and **lowers cost of ownership**.
- **Increasing the buffer size** in your NEO tape drives means your NEO solution performs **faster and more efficiently**.
- **Backward media compatibility** means you can benefit from new technology yet read your existing LTO tapes, **protecting your existing investment**.
- WORM and data encryption capability **prevent unauthorized access** to data in your NEO library, **improving security** of your valuable data.
- Taking advantage of **LTFS** allows you to further simplify tape storage operations, **saving time** and **reducing cost of ownership**.
- Moving to **lower cost/GB** tape drives **improves** the total **cost of ownership** of your entire NEO storage solution.

Sales Offices

Americas

125 S. Market Street
San Jose, CA 95113
USA
Tel: 800.729.8725

Asia Pacific

16 New Industrial Road #04-04
Hudson TechnoCentre, Singapore
536204
Tel: +65 62811 778

France

18 Rue Jean Rostand
Orsay
91400, France
Tel: +33 17431.1071

Germany

Wilhelm Wagenfeld Straße 28
80807 München
Germany
Tel: +49.89.329890.800

United Kingdom

Ashville Way
Wokingham, Berkshire
RG41 2PL England
Tel: +44 (0) 118.989.8000