



NETAPP AND BUS-TECH MAINFRAME VIRTUAL TAPE LIBRARY (VTL) SOLUTION

NEED A REASON TO REPLACE YOUR MAINFRAME TAPE WITH NETAPP? HOW ABOUT 10?

IMPROVE PERFORMANCE AND SCALABILITY

1. Retrieve data quickly. Restore or recall any data set immediately without waiting for media mounts or tape positioning. Gain more value from existing data by making it readily accessible on fast, reliable NetApp disk storage and increase user satisfaction with quick data retrieval.

2. Deploy quickly, scale easily. The Bus-Tech Mainframe Appliance for Storage (MAS) allows NetApp storage to emulate mainframe tape and connect transparently via FICON or ESCON channels, for deployment without changes to your data management model. With support for both Fibre Channel and SATA disk, you can scale virtual tape storage rapidly from 500GB to hundreds of terabytes.

3. Have high availability. NetApp storage provides hardware redundancy and automatic integrity checks to maximize availability while protecting against data loss. Innovative RAID-DP™ (Double Parity) provides up to 3,000 times better protection than standard RAID with no significant reduction in performance or usable disk space. Multipath access to multiple Bus-Tech MAS units can provide full redundancy to ensure data access.

ENHANCE COMPLIANCE AND DISASTER RECOVERY

4. Use robust replication technology for disaster recovery. Proven NetApp SnapMirror® technology simplifies disaster recovery and business continuance by replicating virtual tapes any distance, from next door to the next continent, over IP or FC. Bus-Tech MAS provides transparent mainframe access to replicated data.

5. Optimize compliance and data retention. NetApp SnapLock® WORM disk technology works seamlessly with the Bus-Tech MAS to lock down your virtual tapes, protecting against tampering or early deletion of critical data at the storage level. SnapLock simplifies regulatory compliance using open standards, offers exceptional performance, and eliminates the need for special tape or optical media.

6. Encrypt content to protect data privacy. Decru DataFort™ storage security appliances encrypt your virtual tape libraries transparently and at wire speed, protecting sensitive data from theft or accidental disclosure. Products from Decru, a NetApp company, use military-grade encryption algorithms, authentication, access controls, and auditing and can be installed without changes to your environment or impacts to performance.

SIMPLIFY MANAGEMENT, REDUCE COSTS

7. Spend less, store more. The NetApp and Bus-Tech VTL lowers total cost of ownership (TCO). Virtual tapes consume space only as data is written, eliminating wasted space and low tape utilization. The high performance of virtual tape can reduce the use of expensive DASD for data archival.

8. Simplify media management. Reduce or eliminate tape handling and off-site tape shipments. Virtual tapes of nearly any size maximize efficiency.

9. Replace expensive VTL systems. Existing VTL systems commonly stage data on disk but ultimately move it to tape. The NetApp and Bus-Tech VTL eliminates the need for tape, simplifying your environment and reducing management costs.

10. Reclaim valuable floor space. The NetApp and Bus-Tech solution features much higher density than typical mainframe tape silos and DASD, freeing up valuable data center space.

ABOUT BUS-TECH

Bus-Tech, Inc. founded in 1987, is the industry's leading provider of mainframe connectivity solutions for the data center, with more than 15,000 worldwide installed sites. For more information visit the Bus-Tech Web site at <http://www.bustech.com>.