

DATA RETENTION: A HYBRID SOLUTION



When managing backup, disaster recovery, and business continuity in today's environment, an organization must balance their short and long-term business requirements with their financial resources.

While recent technologies in disk-to-disk and online backup have made it easier to manage short-term data retention requirements, this newer technology is still more expensive than traditional disk-to-tape data management strategies.

The question isn't which approach to take, rather which approach to take when.

For mission critical data that requires the fastest Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO) for your organization, disk-to-disk and online back-up strategies may be necessary. Disk-to-Tape backup strategies should be used for offline, offsite data protection and long-term archive. The key to total data management is to tier your organization's data and then apply the necessary strategy to each tier.

SOLUTION: HYBRID APPROACH

For daily short-term backups, users can implement DataSafe's Axcient-powered disk-to-disk Online Backup solution to allow for fast recall of current data. The data should also be copied to tape for offsite data protection and to lower storage costs using DataSafe's traditional disk-to-tape storage and rotation services. As the data on your Axcient device becomes infrequently accessed, it can be removed to free up disk space for new data. The old data will remain safe and secure on the tapes that are stored in DataSafe's state-of-the-art media storage facilities.

The roles of cloud, disk, and tape storage have evolved in the data center and are complementary in fulfilling your organization's strategy for data management. DataSafe has recognized this new dynamic and is eager to help your organization achieve maximum coverage with minimum cost. Please contact us today to learn more about our hybrid data protection solutions.

ONLINE BACKUP DISK-TO-DISK

TAPE BACKUP DISK-TO-TAPE

Short-Term Retention

Long-Term Retention



Frequent Access

Infrequent Access



Immediate Recovery

Standard Recovery Time

