# Alliance
## Storage Technologies Inc.

# Archive Appliance Replication Feature
## For Business Continuity and Availability

Geographically, the climate is changing and events that we thought would never happen are occurring on a regular basis. Natural disasters such as hurricanes, floods, and earthquakes, along with malicious or accidental acts, can have a direct negative impact to business continuity and data availability – especially if your data is not replicated to an alternate location.

Constant availability to your data is key to Business Continuity and high-availability.  Using ASTI's Archive Appliance with Replication ensures uninterrupted business operations through the worst of disasters.
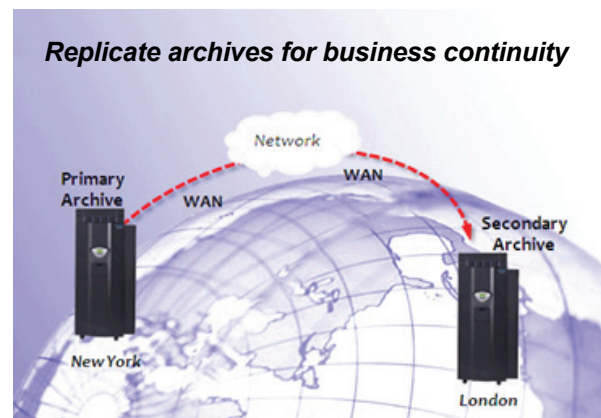
### Lock in your Disaster Recovery Plan with the Archive Appliance Replication Feature!

## Key Features and Benefits

- **Remote Data Replication**
  Replicated libraries may reside any where geographically with appropriate network connectivity

- **Total Redundancy between Libraries**
  Complete access to data is ensured with the replication of permissions, ACLs, and other attributes

- **Automated  Replication of Data**
  Set the schedule to minimize network impact and data is automatically replicated

- **Failover – Failback Switching**
  Easily switch Active-Passive replication between libraries as events dictate

- **Event  Notification**
  Proactively manage system status and changes via email or centralized monitoring

- **Intelligent Change Tracking**
  Active tracking of updates improves replication speed and availability

### Business Continuity
If your business or organization relies on continuous availability of data, replication to another geographic location is a must to ensuring that your data will always be available.  Through replication, you can maintain critical business operations in the event of a major catastrophic event.



*Replicate archives for business continuity*

### Automatic Replication of Data
Replication is a key feature of the Archive Management Software (AMS), the software that integrates the Archive Appliance front-end server system with RAID, and Ultra Density Optical (UDO) data archiving libraries. The AMS provides all the capabilities necessary to efficiently and effectively replicate archived data.

## Failover – Failback Switching

Replicating your critical business data to a second geographically separate Archive Appliance provides your enterprise with excellent High Availability, providing a low RTO (Recovery Time Objective) and RPO (Recovery Point Objective) solution, should a DR situation strike. Libraries are truly redundant with failover capabilities, either as active or passive replication participants, by easily switching through the AMS easy-to-use User Interface.

## Intelligent Change Tracking

File changes in the database are tracked in real time so that files changed or added are instantly identified by the system. All Access Control Lists (ACLs), ownerships, permission and extended attributes are replicated along with data. This capability greatly improves the speed of the replication process, reducing the replication window.

## Support for Geographically Dispersed Organizations

Replicate important data from regional and branch offices to a centralized location quickly and easily. Our NAS Archive Appliances, with AMS Replication, will accommodate many-to-one, one-to-many, and many-to-many configurations, thereby not only providing data redundancy for disaster recovery, but providing centralized records management that supports regulatory and corporate mandates.



*Centralized Records Management to Meet Regulatory and Corporate Mandates*

## Scalable, Incremental Licensing Options

Designed to accommodate data archiving requirements from entry-level to enterprise, the Replication feature is available in cost-effective, key enabled scalable license increments for maximum investment protection. Based upon data capacity and user preferences, licenses start at 1TB and increment every TB.

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