

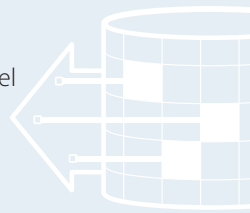
Enterprise-Class Replication, Testing and Reporting Suite

Luminex Replication provides comprehensive disaster recovery and archive solutions to tapeless mainframe data centers, with surprising ease of use.

As data centers make the transition to tapeless environments, the traditional method of cataloging, packing, shipping and warehousing physical tapes is being replaced with more efficient and cost-effective IP-based replication to remote sites. Luminex Replication extends this potential with more options for where, when and how mainframe tape data is made available, as well as VOLSER-level monitoring and disaster recovery and testing at the push of a button.

Comprehensive Tape Data Availability, Made Simple

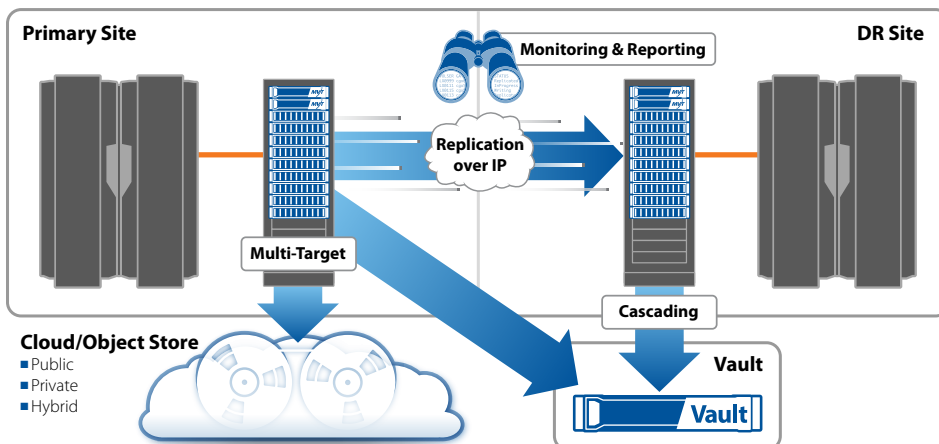
- **Immediate** and continuous replication over IP
- **Flexible** replication policies
- **RepMon:** Monitoring, logging and auditing at the VOLSER level
- **Push Button DR:** Fast, easy and non-disruptive DR testing
- **CloudTAPE:** Replication to Cloud and object storage
- **Transparent** tiering and recall



In contrast to shipping physical tapes off site on a daily or weekly basis, Luminex Replication continuously transmits tape data to DR, ensuring that even the most recently written data is protected and available at the recovery site. Enterprises can now meet and improve backup windows, service level agreements (SLAs) as well as RPO and RTO requirements with minimal operator intervention and without the costs and risks of handing valuable data off to a third party for transit or vaulting. With tape data always available at DR, testing times are reduced, allowing for more frequent and/or extensive testing events. Additionally, recovery and testing success is improved since there is no risk of missing, mislabeled or damaged physical tapes.

Flexible policy configurations allow selective replication at the tape range and/or device range (logical library) level, so only the required data is replicated.

For enterprises that require a third copy of tape data, multi-site replication provides “one-to-many” and “cascading” replication options. With one-to-many replication, tape data is sent directly to one or more local or remote sites, minimizing latency between second and third copies. Cascading replication minimizes network bandwidth at the production site by sending replicated “second copy” data from DR to a third site. Both options work automatically without operator intervention.



Luminex Replication provides multi-target and cascading replication to a variety of targets with flexible policies to serve the needs of any size mainframe environment.

SOLUTION FEATURES

Flexible Replication Policy Options

- **Number of Copies**
 - One-to-One
 - One-to-Many
 - Cascading
- **Replication Targets**
 - MVT/CGX
 - MVT Vault
 - Cloud Providers
 - Object Storage
- **Methods**
 - On unload of written tape
 - Selectively, from a single VOLSER to a mainframe managed list
- **Tiering**
 - Selectively move tape data to other sites, leaving “stubs” to free up local capacity while providing transparent recall from remote storage
 - Supports tracking and recall for Cloud or object storage systems’ internal tiering

Replication Monitoring

- Real-time VOLSER-level replication status display
- Replication logging for performance and disaster recovery auditing
- Email alerts with “point in time” replication status logs
- Monitor replication from multiple local or remote clients
- View status of volumes stored in the Cloud or object storage

Push Button DR Testing

- Simple implementation, from a GUI or mainframe console
- Non-disruptive DR testing
- Save or discard read/write DR test data

