

# StorageX 8.0 File Replication

## Business Challenge

- Are you looking for flexibility to use any file storage resource for data protection?
- Does your business move file sets to worldwide locations to support “around-the-clock” business functions?

To be successful, enterprises need access to their data in any location at any time. For example, global business functions that operate “around-the-clock”, such as sales operations and engineering, require access to the most up-to-date information. Data protection is another example. Say, you wish to make a backup copy of a large file share. Do you have access to your company’s backup solution, or must you write a script? What you need is a robust file replication solution that you can use to copy or move large volumes of files, with speed and reliability, to any location you choose.

## How StorageX File Replication Works

StorageX File Replication supports files of any size or in any distance, and supports distributed heterogeneous data environments for CIFS or NFS compatible storage.

- Automated data movement policies facilitate the transfer, or migration, of SMB/NFS source files to any location. Move an entire share or export to a new share or export.
- Manage security file access controls with policies to monitor and map SIDs from the source to the destination using one or more SID mapping rules.
- Replace any SID in a CIFS security descriptor with any other SID and even translate SIDs across domains.
- With StorageX, you have access to your files, where you need it, when you need it, in the form you need it.



## Why StorageX File Replication

StorageX File Replication is designed to meet your most demanding file management needs. With integrated analytics and a powerful data movement engine, StorageX supports the movement of millions of files with real-time monitoring and completion reporting.

- Move or make copies of large volumes of data to enable your global business functions.
- Successfully move peta-bytes of file data as part of large projects to modernize business functions.



### Heterogeneous SMB & NFS replication

- Simple share to share or export to export
- Multiple target support
- Cascading replication support

Unlock the power of your data and act to manage valuable storage assets.

## About Data Dynamics

[Data Dynamics](https://www.datadynamicsinc.com) is a leader in intelligent file management solutions that empower enterprises to seamlessly analyze, move, manage and modernize critical data across hybrid, cloud and object-based storage infrastructures for true business transformation. Its award-winning StorageX platform eliminates vendor lock-in and provides a policy-based, storage management platform to provide the insight, agility, and operational efficiency to transform your data assets into competitive advantage. Used today by 24 of the top Fortune 100 companies, StorageX has optimized more than 160 PB of storage, saving more than 80 years in project time and \$80 million in total storage costs. For more information, please visit: [www.datadynamicsinc.com](https://www.datadynamicsinc.com).

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