PeerSync® Migration

Migrate **Mixed Storage Environments** with **Near-Zero Downtime**
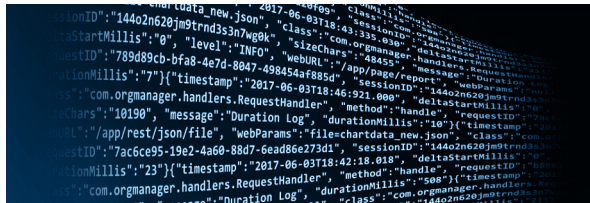
■ INTRODUCING PEERSYNC MIGRATION

MAKE PAINFUL MIGRATIONS A THING OF THE PAST

When evaluating a next-generation data storage platform, the last thing you want to discover is that migrating to that new platform is complex and will require more time and budget than expected. Additionally, this challenge is magnified for organizations that depend on their IT systems 24x7 and find it nearly unacceptable to disrupt operations when key information systems are taken offline during migration projects.

FASTER MIGRATION = REDUCED COSTS AND FASTER ADOPTION OF NEW TECHNOLOGY

PeerSync Migration powers complex migrations with data reorganization and minimal disruption that has been proven in thousands of customer implementations worldwide. High-performance scanning and replication technology take advantage of multi-threading capabilities on today's multi-core processors to ensure that large projects can scale. Additionally, the final scan during cut-over is completed quickly, or in many cases, eliminated.

Additional features such as CPU management, centralized monitoring, and administrator reporting make PeerSync Migration a powerful solution for nearly any migration project.

■ KEY USE CASES

CROSS-PLATFORM MIGRATIONS
Migrate easily and efficiently across storage platforms (Windows, Dell EMC, NetApp, Nutanix, and more) and to private and public clouds (Azure, AWS, and other S3 compatible object stores).

DATA REORGANIZATIONS
Merge folders from different locations into one target share or split data from one source location into different target locations.

MINIMIZE MIGRATION CUTOVER DOWNTIME
High performance, real-time replication engine reduces cutover windows by eliminating final scan-related downtime for Windows, Dell EMC, NetApp, and Nutanix source systems.

EFFECTIVE FAILBACK STRATEGY
Keep original source systems in sync after cutover to enable easy failback if new systems are not functioning as planned.

PEER™

KEY FEATURES

REAL-TIME EVENT DETECTION & REPLICATION
Real-time event detection allows file events (file add, delete, modify) to be replicated to target systems immediately. No final scan needed.

MULTI-PLATFORM SUPPORT
Integration with leading storage platforms including Windows, NetApp, Nutanix, and Dell EMC enables interoperability for minimally disruptive migrations.

MULTI-THREADED PERFORMANCE
Enterprise-grade, parallel processing takes advantage of multi-core processors for fast migration of file events and large directory structures.

IMPORT SOURCE AND TARGET PATH
Auto-import source and target migration pairs to reduce migration job setup time and eliminate manual entry errors. One-to-one mapping and reorganization options are both available.

SHARE MIGRATION WITH SECURITY SETTINGS
Migrate shares with file and folder security permissions (ACLs) to target systems.

ADMINISTRATOR OVERRIDE CAPABILITY
Migrate files even when administrators lack necessary permissions on a file or directory.

CENTRALIZED MONITORING
Centralized console allows IT administrators to efficiently monitor migration jobs across many systems for data consolidation projects.

DELTA-LEVEL REPLICATION
Only the changed portions of a file are replicated for bandwidth savings.

INTELLIGENT CONNECTION CHECK AND AUTO- RESUME
Momentary connection losses are remedied by auto-resume capabilities. Missed events are stored in memory when connectivity is unavailable. Stored events are automatically processed immediately upon connectivity being re-established.

UNICODE COMPLIANT
Works with files and folders in any language (Western and Asian character sets).

BANDWIDTH AND CPU CONTROLS
Set both CPU affinity and bandwidth controls to minimize system and infrastructure resource loads on production systems during migration.

ABOUT US
Since 1993, Peer Software has developed data management solutions that address unique challenges related to data synchronization, backup, and file collaboration in multi-site (WAN) environments.

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