

# PeerSync Migration Edition



## Real-time Data Migration for Windows and NetApp Systems

### MAIN FEATURES

- Windows-to-Windows, Windows-to-NetApp, EMC-to-NetApp and NetApp-to-NetApp migration
- Choose one-to-one mapping or layout of data structure
- Multi-threaded performance allows for fast migration
- Copies all existing security settings
- Administrator override allows for migration even when administrator lacks permissions to copy a file
- Detailed logging and administrator reports
- Flexible cutover options for Active-Passive systems
- Supported Platforms: Microsoft Windows Server 2000, 2003, 2003 R2, 2008, 2008 R2, NetApp Data ONTAP v7.3.5 and higher, 8.x (7-Mode)



Advantage Alliance Partner

### Data Migration Solutions for the Enterprise

One of the most challenging aspects of efficiently bringing a new storage system online is the ability to migrate existing data from older systems onto a new storage platform. Resource demands (staff, CPU, data size, bandwidth) and risks (application downtime, performance impact to production systems, technical incompatibles between heterogeneous environments, data corruption / loss) must be considered and managed to ensure that everything goes as expected. This can be challenging for even the most sophisticated IT administrator. In fact, an independent study found that more than 80% of data migration projects exceed their timelines, go over budget, or fail to meet their goals.

### Introducing PeerSync Migration Edition

Given the ever increasing amount of data and user activity on live systems, IT administrators require a data migration solution that considers the requirements across the entire lifecycle of a data migration project. Key considerations include:

- **Discovery**  
How much data needs to be migrated?
- **Mapping**  
Will the data structure migrate exactly as is? Or will folder structures be laid out differently?
- **Performance**  
How much data needs to be migrated? How fast is the migration engine?
- **Bandwidth**  
Is the connection between the source and target systems sufficient for the migration project in the specified project time frame?
- **Security**  
Does the IT Administrator have the proper permissions to migrate the data? Will security settings be retained on the target?
- **Connectivity**  
Are the systems on the same LAN/WAN, or on different domains?
- **Disruption**  
Can end-users continue working on production systems even as data is being migrated?
- **Validation**  
How can you validate that all data and settings have been migrated properly?

### Centralized Management and Monitoring

Centralized management console allows IT administrators to efficiently configure and monitor migration jobs between participating systems.

### Multi-platform Support

Supports data migration between Windows-to-Windows, Window-to-NetApp, as well as EMC-to-NetApp and NetApp-to-NetApp environments.

### Multi-threaded Performance

Enterprise level parallel processing takes advantage of multi-core processors for fast migration of file events to handle high server activity loads.

### Real-time Event Detection and Mirroring

Allows migration to occur on live production systems. Real-time event detection allows file events (file add, delete, modify) to be mirrored to target systems immediately.

### Byte-level Replication

Only the changed portions of a file are replicated for bandwidth savings.

### Share Migration

Migrate your shares including permissions to the target system.

### Mapping Configuration

Allows for one-to-one mapping as well as layout options during migration.

### Copy Security Settings

File and folder security permissions (ACLs)

are automatically synchronized to target systems.

### Unicode Compliant

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

### Administrator Override Capability

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

### Intelligent Connection Check and Auto-Resume

Momentary connection breaks are handled seamlessly. When connectivity is unavailable, missed events are stored in memory. Upon connectivity being re-established, stored events will be processed immediately. Files in the middle of a replication process during connectivity outages will auto-resume from where it left off.

### Multiple Connectivity Options

Servers can be connected through a LAN/WAN or through secure TCP/IP.

### Emailed Alerts

Receive automated alerts for file activity replication issues as well as server and connectivity outages.

### Emailed Reporting and Detailed Logging

Receive automated reports for migration completion. Review detailed logging for migration events.

### Subscription Pricing

Available for 1, 3 or 6 month migrations.

## ABOUT PEER SOFTWARE

Peer Software develops data management solutions addressing the unique challenges related to backup, replication and collaboration in a WAN environment. Since 1993, Peer solutions are in use globally by over 10,000 corporate, government and education customers including half of the US Fortune 100.

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## PeerSync Server Editions:

	Migration	Backup for Windows	Backup for Symantec EV	Backup for NetApp	Basic	Advanced	Enterprise
Supported OS	Win, ONTAP	Windows	Windows	Data ONTAP	Windows	Windows	Windows
Real-time Replication	✓	✓	✓	✓	✓	✓	✓
Byte-level Replication	✓	✓	✓	✓	✗	✓	✓
Muti-threading	✓	✓	✓	✓	✓	✓	✓
Open File Management	✓	✓	✓	✗	✗	✓	✓
Enhanced Scanning	✓	✓	✓	✓	✗	✗	✓
Enhanced Package	✓	✓	✓	✓	✗	✗	✓
Reparse Points (Symantec EV)	✗	✗	✓	✗	✗	✗	✓
Administrative Override	✓	✓	✓	✓	✗	✗	✓
TCP Connection	✓	✗	✗	✓	✗	✗	✓
Sync of Share Permissions	✓	✗	✗	✗	✗	✗	✗
Number of Connections	2	2	2	2	2, 5	2, 5, 10	5 - 500

