

# PeerBackup

## Server Edition

for Windows

### Main Features

- Continuous Data Protection
- File Deletion Protection
- File Revision Protection
- Security Protection
- Intelligent Connection Check
- Intelligent Auto-Resume
- Database backup support
- Byte-level Replication
- Multi-threaded Performance
- Bandwidth Throttling
- Black-Out Schedules
- Detailed Configuration options by job
- Multiple Connectivity Options
- Unicode compliant
- Centralized Configuration
- Centralized Deployment
- Centralized Monitoring
- Emailed Reporting and Alerts
- Integration with third part solutions
- Blackout schedule options
- Support for files and database backup
- Supported Platforms:  
Windows Server 2000, 2003, 2003 R2, 2008, 2008 R2

### Real-Time Server Backup for the Enterprise

As companies grow, the ability to affordably store, manage, protect and retain data becomes one of the most important challenges. Regardless of whether the files are spreadsheets, documents, databases, e-mail or other informational elements, many businesses cannot operate without ready access to the data in those files. Thus, ensuring high data availability is one of the most critical functions of an IT organization.

However, traditional backup technology has revolved around event-driven software applications that copy critical files to another storage medium, such as tape or other magnet media, for later data retrieval. While that methodology offers some protection, the very nature of a scheduled or event driven backup means that data can become stale quickly. Most sites perform backups on a daily basis, which means in the case of a drive failure, as much as a complete day of work could be lost. Multiply that by hundreds of users, and the cost for that day's labor added to down time can quickly grow to astronomical proportions. Another problem with traditional backup software packages is that data stores can become corrupt simply due to the excessive amount of time a backup can take. In many instances, portions of data files, such as indexes or message stores, can change during an active backup, which then can lead to data corruption during a restore.

### Introducing PeerBackup for Enterprise Servers

With hard disk costs falling and storage management solutions enabling ever larger data sets to be kept in current production, administrators realize that PeerBackup for Servers offers real-time disk-to-disk backup for immediate maximum protection of corporate data while being cost competitive with tape systems. Not only does this reduce backup time, but those same backup disks can also speed recovery times. Once data is on a disk-based backup system, RAID techniques ensure data integrity and prevent data loss in the face of disk failures. These are significant benefits for busy organizations that rely on 24/7 network operations. In addition, given the nature of tape backups, searches are often impractical unless the user knows exactly which tapes and file names are required -- difficulties that increase dramatically when there are hundreds or thousands of tapes to contend with. The media itself is vulnerable to loss or theft, especially when tapes must be transported to off-site storage.

PeerBackup's superior performance supports quick backups and restorations, and improves the user service level by making corporate data available whenever and wherever it is needed. For larger enterprises, centralized control, configuration, deployment and monitoring provide administrators with additional efficiencies to ensure backup across the organization is accomplished on-time and on-budget.

## Comprehensive Backup for the Enterprise

As an additional benefit, PeerBackup for Server customers can extend the PeerBackup solution to Laptops as well. Built on the same powerful and flexible architecture for continuous data protection, PeerBackup for Laptops enables IT administrators to leverage their existing solution knowledge to save both time and money.

### Detailed Feature List:

#### Continuous Data Protection

Real-time event detection allows new and modified files to be instantly replicated to the target backup server.

#### File Deletion Protection

Accidental deletions are protected by moving the deleted file into a temporary folder for easy end-user recovery if necessary. Deleted files in the folder after "x" days are then automatically and permanently deleted from disk.

#### File Revision Protection

Store the last "x" previous versions of a document as changed to enable easy roll-back capabilities to a previous version.

#### Security Protection

File and folder security permissions (ACLs) are automatically backed up

#### Intelligent Connection Check

Backup process continuously checks for network connectivity to target backup server. When connectivity is unavailable, backup process will store missed events in memory. Upon connectivity being re-established stored events will be processed immediately with real-time events.

#### Intelligent Auto-Resume

Files in the middle of being replicated during connection disruption will auto-resume from the point where the file left off prior to connection break.

#### Database backup support

Backup support for any open database through snapshot technology.

#### Byte-level Replication

Only the changed portions of file are backed up for bandwidth savings.

#### Multi-threaded Performance

Enterprise level parallel processing takes advantage of multi-core processors for fast backup on high server activity loads

#### Bandwidth Throttling

Specify the percentage of bandwidth backup processes can consume to allow throughput for other applications on a limited connection.

#### Black-Out Schedules

Enable black-out periods where backups do not run to minimize server and network loads during peak times

#### Detailed Configuration options by job

Choose what needs to be backed up

#### Multiple Connectivity Options

Backup through a VPN, over the internet (TCP/IP SSL Encrypted), or to an FTP site

#### Unicode compliant

Back up files and folders in any language (Western and Asian character sets)

#### Centralized Configuration

Create one master configuration backup profile for enterprise wide use through inclusion of variable paths in setup.

#### Centralized Deployment

Deploy as a .msi package or as a silent install

#### Centralized Monitoring

Monitor the backup status (color coded) of all servers through a central monitoring console that is updated every "x" seconds with backup status.

#### Emailed Reporting and Alerts

Receive scheduled daily summary reports by server or as a total across the enterprise. File backup failures are immediately emailed for fast alerts.

#### Integration with third part solutions

SNMP alert integration with third party monitoring consoles enables single management portal view.



## About Peer Software

Peer Software is a market leader in data availability and collaboration solutions for the global enterprise. Our software provides powerful, cost-effective, and easy-to-use file and database management capabilities to over 10,000 enterprise customers world-wide and close to half of the current Fortune 100. Founded in 1993, the company is privately held.

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