

PeerSync, Peer-To-Peer Folder Synchronization Utility, Version 7.4

To upgrade, double-click on the installation file (ps74.exe) in the Explorer window, or choose "Run" from the Start Menu and then select the application.

If you are upgrading the current version of PeerSync (7.3 to 7.4) simply install the application over your existing PeerSync and the previous version will be backed up in a sub-folder called 'BACKUP' (if the option to keep a backup is selected during the installation).

If you are evaluating a new version of PeerSync 7.4 and you already have an existing copy of PeerSync 7.3 or older, please select a new directory during the installation.

Note: For more information on the latest features and how to implement specific scenarios please go to: <http://www.peersoftware.com/support/peersync.aspx>

Profiler/Interface	
ID	DESCRIPTION
NA	Customers who are running PeerLock v2.0.1 or higher on the same machine as PeerSync will now be able to configure PeerLock directly from the PeerSync Profiler. Configuration options include the ability to link specific PeerSync Profile Jobs to PeerLock, ability to access/view/edit the PeerLock Global Settings from the PeerSync Profiler, ability to install/uninstall the PeerLock Service, as well as launch and view PeerLock directly from the PeerSync Profiler.
NA	The Selection Tree can now be categorized into four sections: PeerSync, PeerLock, Startup/Service, and Run/View. By default these categories will not be shown unless you have PeerLock v2.0.1 or newer installed on the same computer as PeerSync. You can manually display these categories by adding PeerLock windows to the Customized tree mode.
NA	Changed the default Log file name to %JobName% that will resolve to current Job name.
NA	Improved the display/load time of the Selection Tree (left panel) as well as ensure that all necessary items are displayed within each display mode (Basic, Intermediate, Advanced, and Customized).
NA	Improved general communication and connection issues between PeerSync and the Profiler.
NA	Fixed an issue with the 'Send status information to PS Observer Utility' option not being enabled in the interface when using the /GO argument.
NA	Added the ability to use the %UserProfile% Environmental Variable and other variables that can be set via the set command from a command prompt.
NA	Improved ability to load Jobs that use variables (i.e. %HomeShare%) that cannot be

	resolved by the machine perhaps due to network issues. The new /QYV option will always try to resolve dynamic variables and not treat them as folders. So when the laptop is not connected to the network, PeerSync will go into a retry cycle and try to resolve the dynamic variable. Once the variable can be resolved, synchronization will start.
NA	Improved Job Data Import for accurate display of Job Names.

TCP Mode / TCP WAN Connector

ID	DESCRIPTION
NA	PeerSync now supports real-time or scheduled bi-directional replication using our TCP replication mode. To achieve real-time bi-directional replication across TCP, PeerSync and PSListener would need to be installed on both the Source and the Target machines. For scheduled bi-directional replication across TCP, PeerSync would need to be installed on one side, while the PSListener on the other. This feature is not supported when using a TCP Source, FTP Source or FTP Target.

Bi-Directional

ID	DESCRIPTION
NA	Improved Enhanced Bi-directional capabilities so that relaying can occur once a file has been added/updated to the target.
NA	Added improved logic for Enhanced Bi-directional synchronization where PeerSync analyzes files against the TLR file to accurately determine what actions need to be taken with the files.
NA	When selecting Bi-Directional replication, the Profiler will auto-select the recommended "Use intermediate file during copy" option and turn off the "Include attribute change as synchronization criteria" option.

Managed Files

ID	DESCRIPTION
NA	Added the "Volume Shadow Copy Service (VSS)" as a new open file manager option. VSS has been integrated with PeerSync to provide another method for processing open/locked files. In order to enable this feature you will require the VSS add-on module. This method works well with applications that are VSS compliant.

Performance

ID	DESCRIPTION
NA	Enhanced Scanning - Added the Enhanced Scanning option which provides the ability to build multiple dynamic Jobs for parallel processing of folders during scans. This will significantly improve the time PeerSync takes to scan through directories. By default PeerSync scans through a Job sequentially, one folder at a time. With the Enhanced Scan option enabled PeerSync will spawn a Job Thread for each folder it encounters during a scan. The user will be able to specify a folder depth level (1-5) where PeerSync can spawn a Job thread for each folder it encounters. The Enhanced Scanning and the Multi-Threading add-on options are required for this feature to function.

NA	Enhanced Event Processing - Added the Enhanced Event Processing option which provides the ability to parallel process real-time, retry or any other non-scan events. Enabling this feature will improve the speed of synchronization during real-time or any other non-scanning scenarios.
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Miscellaneous

ID	DESCRIPTION
NA	Added new event trigger option that can be used in a multi-tier or relay setup. With the "Trigger additional event after successful copy" option checked, PeerSync will apply the time stamp of the target file after successfully completing the file transfer in order to trigger an event on the target side. This action will cause the PeerSync installed on the Target to take further action with the file such as transferring it to another location that is not accessible from the originating machine. This option can also be used in a Hub and Spoke Bi-directional scenario where you would enable the option on the spoke machines so that the events sent to the Hub machine can be sent out to the other spoke machines in this type of a scenario.

Exceptions

ID	DESCRIPTION
NA	<p>Refined and expanded the "Include Attributes" Exceptions to now support the following additional attributes:</p> <ul style="list-style-type: none"> Temporary Offline Encrypted Compressed Not indexed Reparse point Sparse Virtual
NA	Added new "Exclude Attributes" functionality to identify which file/folder attributes may be excluded. As with the "Include Attributes" Exceptions, the same list of attributes are supported.

Reporting

ID	DESCRIPTION
NA	Added ACL Report File Content option to indicate whether or not any file or folder

	ACL updates should be reported in the Log file.
NA	Improved reporting for ACL and Attribute updates during scans and real-time.
NA	Enhanced reporting to support accurate Enhanced Scanning statistics.
NA	Fixed an issue with the reporting of folder deletes during real-time. Folders and files within them were reporting as a scan activity when they should be reports as an event activity.
NA	Improved the creation of the Log file name when using extended Job Names.
NA	Fixed an issue where file updates using Microsoft Word were ignored when using multiple copy threads with the "Replicate - Delete unmatched files" option enabled and the default exclusions.

Status Display

ID	DESCRIPTION
NA	Accurately displays the total bytes transferred even when using the ByteReplicator.

FTP

ID	DESCRIPTION
NA	Fixed a problem when pulling from certain FTP sites where the connection would intermediately be lost and PeerSync would throw error messages.
NA	Fixed an issue where FTP source files added to the retry list were not being processed.
NA	Fixed an issue where folders could not be created on certain FTP sites.
NA	Fixed an issue where target files were not cleaned up when a FTP source file size was changed during a synchronization of the file.

Synchronization

ID	DESCRIPTION
NA	Fixed an issue where during scans the size of the file was not being checked as a reason to update the file. If the date-time matched but the size was different files were not being updated.
NA	Fixed issue where the "After synchronization subtract/add x minute(s) from target was not working.
NA	Added global /GFA command line option that allows PeerSync to backup Alternate Data Streams.

Recovery

ID	DESCRIPTION
NA	Improved recovery behavior to correctly identify files that need to be recovered and properly utilizes existing PeerSync settings if enabled (i.e. ByteReplicator or Use of temporary files). Recover is now also supported for TCP Source or Target.
NA	Fixed issue where the Recovery mode would incompletely recover files and leave

	them in a corrupt state.
NA	Fixed issue where some partial/incomplete files were seen as equal and were not being recovered.
ByteReplicator	
ID	DESCRIPTION
NA	Added ability for Read-Only .BRTMP files to be cleaned up properly.
NA	Fixed a ByteReplicator issue where it did not detect and transfer small byte changes to the beginning of a source file.