

What's New v8.5.0

PeerSync, Peer-To-Peer Folder Synchronization Utility, Version 8.5.0

To upgrade, double-click on the installation file (ps85.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 (8.0 to 8.5) 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 8.5 and you already have an existing copy of PeerSync 8.0 or older, please select a new directory during the installation.

Performance	
ID	DESCRIPTION
1341	Improved overall performance when there are pending RT Scans .
1342	Improved overall performance when there are pending real-time events.
1342	Improved detection time when using the /QR (Real-Time Global Exclusions) argument.
1351	Bi-directional scanning of disjoint target sub-folders has been improved exponentially based on the depth of the disjoint target sub-folders. When running a bi-directional scan on a schedule and a folder that is n levels deep is renamed, added or deleted between scans leaving a folder that has to come back to the source from the target, PeerSync would scan the nth level of the disjoint folder n times, the n-1th level n-1 times, and so on). This could have also occurred, if the initial scan has disjoint folders on the target that need to be brought back to the source.
1352	Improved scanning performance, if a folder is deleted or renamed during a scan (after the build of the directory listing) delays of 3 seconds per folder would occur. Will now log the folder may have been deleted or renamed and will not wait 3 seconds to continue.
1352	Improved performance for file and folder deletions, will no longer wait 10 milliseconds per file/folder delete.
1347	Processing of Scan Queue Performance Improvement. Decreased the time needed to initialize RT Scans , Enhanced Scans and root Scans .
1386	Improved status display updates for better performance.
Synchronization	
ID	DESCRIPTION
1341	NEW! Added new event processing logic that will consolidate events into RT Scans and RT Scans into root Scans when they are back-logged. When this occurs the reported/displayed mode (i.e. Event, RT Scan or Scan) will now be post-fixed with a note, for example: - RT Scan (Detected Event Limit of 10000 Exceeded) - RT Scan (Event Limit of 10000 Exceeded) - Scan (RT Scan Limit of 1000 Exceeded)
1341	NEW! The creation of RT Scans is more intelligent and will skip and/or remove the same or child pending scans. In doing so the RT Scans will be delayed 3 seconds by default in order to check for child scans during a folder add that contains sub folders.

1341	NEW! Added the concept of Last Update time for RT Scans which will wait a period of time (3 seconds by default) before running to allow for consolidation of sub folder scans, for example, a massive folder add will only run a scan on the parent folder not for all of the sub folders.
1383	Improved scanning accuracy for large data sets on Windows 7 and Server 2008 64-bit systems and/or systems with with 4+ processors.
1323	Resolved an issue where in some cases deletions did not get propagated, right after an add of the file, when using the "bi-directional" option. In particular, this seemed to occur after a scan ran at least once with "bi-directional" and "real-time" enabled.
1382	Fixed an issue where "Additional Jobs" were always scanning at start even if the base Job had "Scan Job once at start" turned off.
1396	When using the non default "standard" real-time file and folder moves were not processed correctly when "enhanced" real-time was disabled for the Job.
1392	Real-time file and folder renames via a move to a non parent-child folder (i.e. a folder that is not a sub-folder of the other folder) are now treated as renames instead of an add and a delete.

Enhanced Scanning

ID	DESCRIPTION
1343	Fixed a potential issue when running dynamic jobs (Enhanced Scan Jobs and/or RT Scan Jobs) where a profile could freeze or a scan would not complete correctly.

ByteReplicator

ID	DESCRIPTION
1354	Display of compression has been improved. Will now show <1%, 1% - 99% and >99%.

FTP

ID	DESCRIPTION
1353	Improved Reporting and Display when using the /LQ argument to report/display FTP events.
1296	Fixed an issue where the DELETEEMPTYSOURCEFOLDERS and DELETEEMPTYTARGETFOLDERS Pre/Post processes did not work for FTP paths.
1294	Resolved an issue where the "Exclude Empty Source Folders" option did not work when using an FTP source path.
1388	Fixed an issue where empty folder would not be created in real-time for FTP targets when using the /ENSCAN argument.

TCP

ID	DESCRIPTION
1355	Display of compression has been improved. Will now show <1%, 1% - 99% and >99%.
1295	Resolved an issue where the "Exclude Empty Source Folders" option did not work when using a TCP source path.
1369	Scanning has been improved when using a TCP Target with the "bi-directional" - "Use enhanced bi-directional synchronization mode" option enabled.
1378	Fixed an issue when using a TCP Target with the "bi-directional" option enabled and "Include open files (allow read & write access to source file during transfer)" open file setting selected, where updates from the target to source would not synchronize properly.

1398	Resolved an issue when using a TCP Source where if the Listener was not running or was miss-configured PeerSync would not exit the initialization of the Profile.
1379	When using a TCP Target with the "deletion move folder" and "revisions", folder deletes caused PeerSync to freeze when there was already a revision folder for that specific sub folder.
1388	Fixed an issue where empty folder would not be created in real-time for TCP targets when using the/ENSCAN argument.

Profiler/Display

ID	DESCRIPTION
1340	Improved the "Files x of y" counter to now show a cumulative count of all files for all Job scans combined. Previously, this counter represented the total files within a single Job scan, and would cause confusion when running multiple Job scans.
1344	<p>Improved Status Display "Pending Event Status" information to show more detail and the type of pending events.</p> <p>Possible display items in order from left to right: (Job Scans: 1)* (Expanded Scans: 2)* (RT Scans: 3)* (Detected/Processing Events: 4/4) (Events: 4) (Retries: 5) (Managed Files: 6)</p> <p>*NEW! Items - was (Scans: 1) in previous versions, now broken down into three parts.</p>
1345	<p>Improved Status Display "Current Event Status" information to show more detail and the type of running events. Now, more consistent with the 'Pending Event Status' display with more information.</p> <p>Possible display items in order from left to right: (Job Scans: 1)* (Expanded Scans: 2)* (RT Scans: 3)* (Copy Threads: 4)* (Failed Scans: 7) (Failed Events: 8)</p> <p>* NEW! Items - was (Expanded/Job/Copy Threads - (1+3)/2/4) in previous versions, now broken down into four parts.</p>
1372	Fixed an issue in the Profiler where the same Job name was allowed to be added for multiple Jobs.
1373	Fixed an issue in the Profiler where renaming a Job did not enable the Save button.
1376	Resolve an issue where the " Last Scan " was not being displayed for TCP Jobs if a \$ was used in the path.

Folder Compression

ID	DESCRIPTION
1394	Resolved an issue where file updates would fail to increment the update counter and would not be added to the updated tab in the status display.
1394	Resolve an issue where file updates and additions would log an incorrect format of the file modified date and time to the log file.

1394	Fixed possible conflicts with high amount of copy threads running.
File Compression	
ID	DESCRIPTION
1395	Resolved an issue where file deletes and the deletion side of a file move from a non parent-child folder were not being processed.
1395	Resolved an issue where file updates and renames were logged as adds.
Exclusions	
ID	DESCRIPTION
1381	NEW! Added an additional check for the Revision Folder to be excluded from synchronization by default during scanning and real-time processing.
Reporting	
ID	DESCRIPTION
977	Updated the psi_def.mib file that is shipped with PeerSync. It now contains the latest messages that PeerSync would transmit to an SNMP server. Also, updated the message categories to accurately reflect the "Identification" numbers that are received by MOM: Unknown or UnDefined Message (0.0) Standard - Non Error Messages (0.1 - 0.7) Error Messages (0.8 - 0.134)
1303	Resolved an issue where SNMP reporting would sometimes include the PeerSync installation folder path as a prefix to the SNMP message.
1367	NEW! Information Added to the XML Stat Files: - CurrentJobStatus (snapshot of information from Profiler/Status Display) - PendingEventStatus (snapshot of information from Profiler/Status Display) - CurrentEventStatus (snapshot of information from Profiler/Status Display) - DynamicJobDetails (information about Dynamic Jobs - RT Scan and Expanded Jobs) - PSErrors (Last five unique messages written to the PSError.log if applicable)
1368	Pre-Sync Report fixes and improvements: - Fixed an issue where sometimes PeerSync would run the scan instead of a pre-sync report - Now logs adds, updates similar to deletes with a note as that it would be done instead of actually done, examples: <ul style="list-style-type: none"> • File To Be Added • File To Be Updated • Folder To Be Added • File To Be Added • Folder To Be Deleted • File To Be Deleted - Disjoint folders were being created (and removed, but only in some scenarios) now they are no longer created. - When using a bi-sync super set, target folders were created on the source and not removed when completed.
1391	'Retries Skipped' is now reported as part of the Failed Event message if a file is not found instead of reporting 'Retries Disabled'.
1393	Fixed an incorrect report of the deletion move folder path during a bi-sync delete if the source is one mode (i.e. a TCP Path) and target is another (i.e. a UNC path) for that Job.
1397	Logging of failed events has been improved.

Miscellaneous

ID	DESCRIPTION
1349	NEW! Now Terminal Server Aware - PeerSync will now work properly when the Terminal Server Role is Enabled on the installed server.
1348	Improvements made for Windows Vista, Windows 7 and Windows Server 2008. Specifically systems using SMB2 , which was introduced in Vista and Server 2008, where a new caching technique is used.
1399	New save on close default to not save pending, failed and running events on the stop of the service.
1384	Improved exception handling throughout the entire application.
1377	Fixed an issue when using no initial scan (but using a Daily Timer or Interval Scan) with the "stored missed files" option is enabled, PeerSync was not scanning on reconnect after a connection occurred failure during a scan.
1389	Fixed a potential issue where false reporting of source or target failed connections could occur.