

PeerSync is a Peer-Level licensed tool. A full license is only required for the machine where the PeerSync application is installed. Remote connection licenses are required for additional machines added to the synchronisation/replication scenario. To our knowledge, Peer Software is the only software company on the market that offers this economical remote connection license model. All their known competitors require a full license on each machine, even if synchronisation/replication is unidirectional.



There are circumstances where a PeerSync license has advantages or is required. If you would like real-time updating on all machines in the replication/synchronisation scenario, a full license is required for each machine. PeerSync needs to be installed on the source machine where the real-time changes are taking place in order to detect the changes as they occur. If in doubt please call or email and a sales representative will be happy to help.

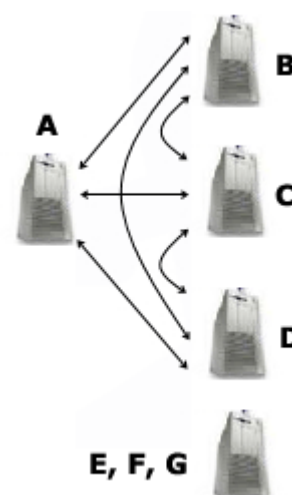
The following guidelines for PeerSync apply:

- PeerSync Workstation Edition will not run on a server.
- All levels of PeerSync include 1 remote connection license.
- PeerSync runs on Windows NT/2000/XP/2003.

### Connection License Options

#### Additional Remote Connection License

- PeerSync includes 1 remote connection license. This gives you the ability to install PeerSync on one machine (A) and connect to one additional remote machine (B).
- Only one copy of PeerSync needs to be installed on the primary machine (A). No software is required on (B). Additional connections licenses (C,D, E, F) can be added.
- From A files can be updated to B, C, D, etc. in real-time, on a timed basis, scheduled basis or on demand.
- From A files can be pulled back from or swapped between B, C, D, etc. on a timed basis, scheduled basis or on demand.
- Remote target machines B, C, D, etc. can be any network shared drive, i.e. MS Windows/ Novell/Linux (Samba)/UNIX (Samba).
- If you would like real-time monitoring on each MS Windows machine A, B, C, D, etc. a licensed copy of PeerSync needs to be installed on each machine.



Note: Workstation Edition requires that either the source or target folder resides on the local machine. Please look at the Server Edition for remote -to- remote synchronisation.



## Options

### ByteReplicator

- The "ByteReplicator" option allows PeerSync to send byte level changes from the source machine to the target without sending the entire file. The PeerSync application is installed on the source machine A, and a small application, PSListener (Required to support ByteReplicator option), is installed on the target machine (B, C, D, etc). If a file on the source is changed, PeerSync sends just the changed segments of the file.
- PeerSync allows you to adjust the block segment size. Larger segments require fewer CPU calculations with larger segments sent across the network while smaller segments means more CPU calculations with reduced bandwidth requirements.
- An Additional Remote Connection License is required for each target machine receiving byte level changes.
- PeerSync ByteReplicator runs on Windows NT/2000/XP/2003.
- ByteReplicator option is not available when using FTP.



### Embedded Open File Manager

- Peer Sync copies open/in use files such as MS Word, Excel, drawing files, picture files, etc. The addition of the Embedded Open File Manager (EOFM) option allows PeerSync to copy open and locked source files (i.e. database files, SQL, Exchange, registry files, etc).
- The Embedded Open File Manager (EOFM) runs on MS Windows NT/2000/XP/2003 Operating Systems.
- EOFM will only work on the source machine where PeerSync is installed. EOFM cannot copy open and locked files from remote machines. If you would like opened and locked files monitored on each machine A, B, C, D, etc. a licensed copy of PeerSync and the Enhanced Package needs to be installed on each machine.
- EOFM is a product of the St. Bernard Corporation.



### File Transfer Protocol (FTP)

- The "FTP" option allows you to transfer files to and from an FTP server.
- The use of FTP is limited to a one-way replication without the use of the ByteReplicator option.
- An available Remote Connection License is required for each remote device.

\* This Option is not available for the PeerSync Workstation Edition



### TCP WAN Connector

- This optional feature allows for file transfer through the Transmission Control Protocol Method.
- The TCP option comes with the PSListener agent to be installed on each TCP target machine.
- An available Remote Connection License is required for each remote device.

### Multi-Threading

- The "Multi-Threading" option does not require an additional application for either the source or the target machines. This option is simply turned on for the existing PeerSync base license.
- The "Multi-Threading" option gives you:
  - Multiple Job Threads for parallel processing of jobs - this powerful feature enables both a significant increase in performance, as well as the ability to scale. Instead of running one job after another sequentially, this capability uses the full power of the operating system to start and run multiple jobs simultaneously. For example, if you were distributing software updates from one server to a hundred other servers, instead of transferring the files to one server at a time, you can initiate 100 threads at the same time, considerably speeding up the entire process.
  - Multiple Copy Threads - for parallel processing of files operations (i.e. file synchronisation, file deletion, file move etc.).

\* This Option is not available for the PeerSync Workstation Edition

### Enhanced Scanning

Enhanced Scanning is an option (for PeerSync Server) that works in conjunction with the Multi-Threading feature by further using the multiple job and copy threads feature to shorten the time of completion of a specific job scan. With this feature individual jobs will be dynamically split into subjobs for more efficient scanning and improved performance.

Enhanced Scanning (for Multi-Threading) can be beneficial when trying to synchronize large number of files/folders further minimizing the time it takes for the files to reach the targets. This option is recommended when running in a Collaboration, Distribution and Backup of machines containing large number of folders/files or part of a scenario with larger number of machines.

The "Enhanced Scanning" option does not require an additional application for either the source or the target machines. This option is simply turned on for the existing PeerSync base license. *To be able to use this option your PeerSync license must have the Multi-Threading feature also enabled.*