

PeerLock, Version 3.0.1

To upgrade, double-click on the installation file (plk30.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 PeerLock (2.0 to 3.0) simply install the application over your existing PeerLock 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).

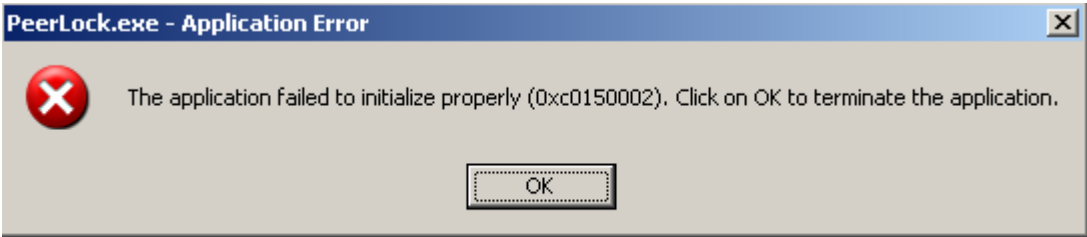
If you are evaluating a new version of PeerLock 3.0 and you already have an existing copy of PeerLock 2.0 or older, please select a new directory during the installation.

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

Performance	
ID	DESCRIPTION
1167	<p>Improved the speed and efficiency of lock checks. We now check for locks only when the state of the lock list has changed or if a file was manually released. By default, the display of lock list results are now hidden to improve processing and speed. To turn off this optimization set the AlwaysCheckLockResults setting in the CFG file to 1:</p> <p>[Options] AlwaysCheckLockResults=1</p>
1168	<p>Improved the speed and efficiency of release checks by monitoring failed connections in a separate thread. Also improved the speed of display updating during release checks. Additional speed improvements have been made during the following PeerLock processes:</p> <ul style="list-style-type: none"> • Unlock and Relock process during handle type changes • Update of idle period • Manual release of files
1181	<p>Improved when to unlock/relock target files. Now PeerLock only unlocks and relocks target files when the lock type and/or open mode has changed...in all other cases PeerLock just updates the display information (i.e. user(s), source handle(s), etc.)</p>
1184	<p>Improved default performance when files are queued to be locked. When files are in queue to be locked PeerLock will now use more CPU. To use less CPU and default to previous version behaviour set the Service Thread Optimize Lock Performance</p>

	<p>setting in the CFG file to 0:</p> <p>[Options] Service Thread Optimize Lock Performance=0</p>
1167	NEW! Introduced a new retry list concept that should help improve the efficiency of lock file checks.
1172	<p>NEW! Added a new connection manager that checks for failed connections in its own thread. Previously this validation occurred during the release cycle potentially slowing down the release of files. Failed connections are retried every second and will log the following errors when applicable:</p> <p>Could Not Connect to Device: DEVICE_NAME (NOTE_OR_REASON) Reestablished Connection to Device: DEVICE_NAME (NOTE_OR_REASON)</p>

Miscellaneous

ID	DESCRIPTION
1187	NEW! When a connection is reestablished PeerLock will now re-lock the files that were released during a disconnect without removing them from the Locked Files list. Previously PeerLock would release the files from the Locked Files list before re-acquiring the handles during the next lock cycle.
1132	<p>Resolved an issue where PeerLock failed to start on systems that did not have the .NET Framework 3.0 SP1 installed. PeerLock would throw the following Application Error:</p> 
1135	Fixed an issue where the PeerLock application could be launched when the PeerLock service was running under a different account than the application. The PeerLock application should not be accessible while the PeerLock service is running.
1138	Resolved an issue that impacted the PeerSync Quick-Sync Folder path in the Registry. If PeerSync was installed, installing PeerLock would change the existing PeerSync Quick-Sync Folder path to the PeerLock installation folder, effectively causing the Quick-Sync feature to fail to run. A workaround would be to move the PSWizard executable from the PeerSync installation folder into the PeerLock

	installation directory.
1148	<p>Fixed the following issues that occurred as a result of disabling the Detect Files when Target Does Not Exist (Create Target Stub File) option:</p> <p>Fixed an issue where PeerLock would log/report that it successfully locked a file that did not exist on the Target. The Lock List will now show File Does Not Exist in the Target Handle column. The item color will also be highlighted in yellow. Should the file be later added to the Target, PeerLock will lock the file and update the display. Note: Set the Lock New Target Files entry in the CFG file equal to 0</p> <ul style="list-style-type: none"> • in order to not lock down a newly added target file: <p>[Options] Lock New Target Files=0</p> <p>Fixed an issue where the Target PSLock files would get left on some Target</p> <ul style="list-style-type: none"> • systems when going to multiple Targets. <p>Fixed an issue where PeerLock reported that it successfully created the Target</p> <ul style="list-style-type: none"> • PSLock file when it already existed and was locked by another process. <p>Fixed an issue when a change of handle type occurred when target file did not exist. for example, when grabbing an open source file and trying to copy to the target. PeerLock would try to unlock and relock the file and will now just update</p> <ul style="list-style-type: none"> • all info and when target is there lock it via the new method if enabled.
1149	Resolved an issue where in some cases the Lock and Release Threads would hang, causing no new files to be locked or released. Typically this occurred if the system clock was backdated or if PeerLock was up and running for more than 49 days.
1175	<p>Fixed possible application hanging issues that could have occurred sporadically during any combination of the following:</p> <ul style="list-style-type: none"> • Aggressive updates to the Lock and/or Release Lists • Stopping locking during heavy activity (running as an application only) When pressing the shift key while viewing the interface (running as an application only) • After a high volume of Unlocking and Relocking events occurred
1177	Fixed a possible issue when trying to reconnect to Target systems (with a username and password) if the connection was not initially available at the start of locking.
1179	Resolved an issue where PeerLock would leave files in the Lock List upon release of the Source file if it failed to create/lock the Source PSLock file when going to multiple targets. Now PeerLock will log the failure and the file to the Retry List. This scenario would cause orphaned handles and would require PeerLock to be restarted.

118 2	Fixed an issue that would falsely acknowledge that the service was uninstalled successfully.
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New Defaults

ID	DESCRIPTION
1148	Turned off the ability to enable/disable the Detect Files when Target Does Not Exist (Create Target Stub File) option while locking is started.


Observer

ID	DESCRIPTION
1180	Fixed a possible issue where reporting to the Observer may stop if it was running for long periods of time.
1180	Improved overall performance while sending updates to the Observer.
1180	Improved sporadic freezing of locks/releases when trying to send updates to an Observer on a machine that is no longer available and/or offline.

Reporting

ID	DESCRIPTION
1169	<p>Improved the reporting of messages:</p> <ul style="list-style-type: none"> • All failures will now have the last windows error reported/displayed if applicable • Fixed a logging issue with files that contained a parenthesis "(" in their name Example: "C:\copy (2) of doc.txt" would be logged as: Message: "C:\copy (" Note: "2) of doc.txt"

User Interface

ID	DESCRIPTION
109 5	<p>Fixed an issue where selecting the Create/View Folders option from the View > Folders menu did not neatly tile the folder on the Desktop.</p> 
117 3	<p>Improved the behaviour during connection failures. Resolved an issue where the Duration column would not be updated when the target folder was disconnected. It will now show Target Folder Disconnected and highlights the item red in the Lock List display.</p>

Target File Path	Locked	Duration
\\server1\Projects\Shared\File100.doc	8/25/2009 3:06:48 PM	00:06:35
\\server2\Projects\Shared\File100.doc	8/25/2009 3:06:48 PM	Target Folder Disconn
\\server1\Projects\Shared\File99.doc	8/25/2009 3:06:48 PM	00:06:35
\\server2\Projects\Shared\File99.doc	8/25/2009 3:06:48 PM	Target Folder Disconn
\\server1\Projects\Shared\File98.doc	8/25/2009 3:06:48 PM	00:06:35
\\server2\Projects\Shared\File98.doc	8/25/2009 3:06:49 PM	Target Folder Disconn
\\server1\Projects\Shared\File97.doc	8/25/2009 3:06:49 PM	00:06:34
\\server2\Projects\Shared\File97.doc	8/25/2009 3:06:49 PM	Target Folder Disconn

Messages: 25 There is 1 Failed Connection: \\SERVER2\PROJECTS (Monitoring for Reestablished Connection) Run

1173 The status display at the bottom right corner now shows the following statistics instead of showing only 'Running': Checking Locks, Checking Releases, Caching Lists, and Checking Failed Connections.

1176 Improved the display during **Cache Checks**. When running PeerLock as an application, prior to locking, the interface will display new feedback information during the Cache Check process. Previously this process was executed in the background giving the impression that the application was hanging.

Target File Path	Locked	Duration
\\server1\Projects\Shared\File6.doc	8/25/2009 3:01:55 PM	00:04:02
\\server2\Projects\Shared\File6.doc	8/25/2009 3:01:56 PM	00:04:01
\\server1\Projects\Shared\File5.doc	8/25/2009 3:01:56 PM	00:04:01
\\server2\Projects\Shared\File5.doc	8/25/2009 3:01:56 PM	00:04:01
\\server1\Projects\Shared\File4.doc	8/25/2009 3:01:56 PM	00:04:01
\\server2\Projects\Shared\File4.doc	8/25/2009 3:01:57 PM	00:04:00
\\server1\Projects\Shared\File3.doc	8/25/2009 3:01:57 PM	00:04:00
\\server2\Projects\Shared\File3.doc	8/25/2009 3:01:57 PM	00:04:00

Messages: 0 Checking

1178 Improved the display and reporting during initialization of locking. You can now visually see the different states during the start of locking:

New Display:

- Initializing Connections (Connection Manager) - Light Green
- Checking Connections for each Job - Light Yellow
- Checking Cache Files - Medium Gray and Italic

New Reporting:

- Initializing Connections at Start...
- Checking Cached Files at Start...

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| | <ul style="list-style-type: none">- Lock/Release Thread Started.- Lock/Release Thread Restarted.- Lock/Release Thread Stopped.- Lock/Release Thread Stopped Unexpectedly. |
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