



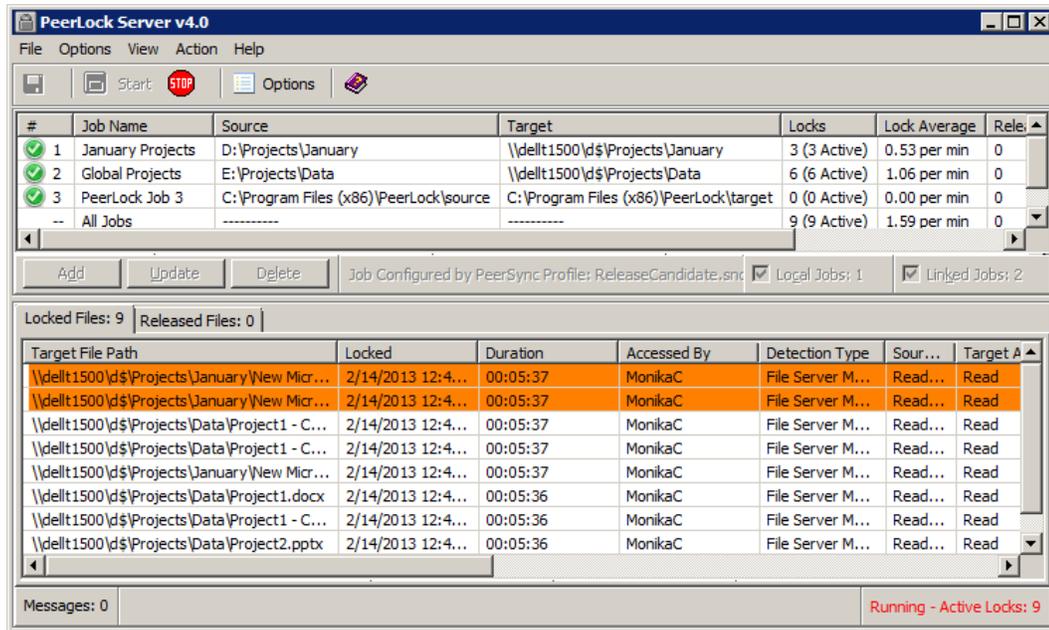
## **PeerLock Help Manual**

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# Table of Contents

<b>PeerLock Help</b>	<b>1</b>
1 Getting Started .....	1
2 Main Menu .....	3
3 Toolbar .....	6
4 Selection List .....	6
Overview .....	6
Status Bar .....	7
Add Selection Screen .....	8
Update Selection Screen .....	10
Exceptions .....	12
Network Logon .....	13
Message Dialog .....	14
Selection List Popup Menu .....	15
5 Global Options .....	16
Lock Options .....	16
Release Options .....	18
Performance .....	19
Product Interaction .....	21
Includes/Excludes .....	22
Internal File Management .....	24
Reporting .....	25
6 Lock/Release List .....	27
Locked List .....	27
Released List .....	28
Lock/Release List Popup Menu .....	30
Lock/Release List Status Bar .....	31
7 Other Features .....	32
Shortcuts .....	32
Configuration File .....	32
8 Command Line Arguments .....	33
Command Line Arguments .....	33
9 Product Information .....	38
Product Editions/Licensing .....	38
License .....	38
<b>Index</b>	<b>43</b>

# 1 PeerLock Help



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PeerLock Help Manual was built on Wednesday, February 13, 2013

## 1.1 Getting Started

Welcome to PeerLock. This product secures a user's files across a network of machines, ensuring that all copies of the files are locked while the user is working with the file. This security protects against multiple revisions occurring simultaneously on different machines.

### How It Works

When a user opens a file in a watched folder, the corresponding target file is immediately locked on the other machines specified in the user selection list. Other users cannot make modifications to this file. When the user closes the file, the files residing on the other machines are immediately unlocked, and can now be used to make changes. PeerLock is designed to work with our PeerSync and Save-N-Sync products as to offer a total locking and synchronization solution.

### Configuration

When using PeerLock specific environments will require certain options to be enabled/disabled. Each environment is unique and may require modifying the default options through the interface or by using [Command Line Arguments](#). For more help on how to configure

PeerLock for your environment please visit the support section on our website at <http://www.peersoftware.com/support.html>.

### PeerLock Installations and Registration

PeerLock is shipped (downloaded) in a full installation program. To run, simply double click on the executable file from the explorer (or choose Start Menu Run option and the select the application).

Evaluation copies do not require user information and passwords. Registration copies require you to enter a Registration Key into the Register Software Screen. When purchased, Peer Software will send the Authorization Key required to unlock PeerLock's Evaluation. This key is to be entered during the installation of the software.

If this is an unregistered or evaluation copy of PeerLock, you can register it with Peer Software, Inc. as a fully licensed copy by providing credit card information via phone or secure Internet registration, or by sending a check or money order to the address below (see included "readme.txt" file for pricing information).

Register online via secure internet credit card registration at <http://www.peersoftware.com>

Register by phone via credit card by calling:  
703-763-7700 between the hours of 9:00 AM and 5:00 PM EST

Register by mail, send check or money order to:  
Peer Software, Inc.  
5900 Fort Drive, Suite 415  
Centreville, VA 20121

### Upgrade Information

As new updates/changes become available, updated versions of the software will be posted on our web page <http://www.peersoftware.com>. Check this page periodically to download the latest executables. Your Authorization Key will continue to work with updated versions unless a major release is issued, or PeerLock is installed in a different folder than the previously installed/authorized version. Please refer to the WhatsNew and/or ReadMe files shipped with the PeerLock installation for the latest upgrade information.

### Product Support

All support of PeerLock will be handled on our website (<http://www.peersoftware.com>) support page for this product.

### Terms And Conditions

Read [License](#) agreement before using this program.

Suggestions, Comments, or Requests for Support:

Peer Software, Inc.  
5900 Fort Drive, Suite 415  
Centreville, VA 20121  
Phone: 703-763-7700

FAX: 703-763-7705  
 Email: [support@peersoftware.com](mailto:support@peersoftware.com)

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## 1.2 Main Menu

File Options View Action Help

File Menu	
Save Defaults	Once selected, this option stores out all the interface settings or changes to the <a href="#">Configuration</a> file.
Shortcuts	This menu item allows you to create a shortcut either on the Desktop or Startup folder. The <a href="#">/AM</a> command line argument will be appended to this shortcut so that PeerLock will automatically start when launched from the shortcut.
Service	Provides ability to Install and Uninstall the PeerLock service as well as ability to open the Services dialog. To start the PeerLock service, close the PeerLock application, open the Windows Services dialog, right-click on the PeerLock Utility Software item and select Start. Be sure PeerLock is configured to run under a Domain Administrator account that has full access to all the source and target resources.
Exit	This menu item will terminate PeerLock.

Options Menu	
Lock Options...	This menu item will open the <a href="#">Lock Options</a> dialog.
Release Options...	This menu item will open the <a href="#">Release Options</a> dialog.
Performance...	This menu item will open the <a href="#">Performance</a> dialog.
Product Interaction...	This menu item will open the <a href="#">Product Interaction</a> dialog.
Includes/Excludes...	This menu item will open the <a href="#">Includes/Excludes</a> dialog.
Internal File Management	This menu item will open the <a href="#">Internal File Management</a> dialog.

Reporting	This menu item will open the <a href="#">Reporting</a> dialog.
All Global Option	Displays the Global Options dialog which shows all the above dialogs in a tabular format for easy access.

View Menu	
Tray Icon	Provides ability to hide/show the Tray Icon. By default the Tray Icon is displayed at runtime when PeerLock has been started and is in a running state.
Toolbar	Provides ability to hide/show the <a href="#">Toolbar</a> . By default the Toolbar is displayed.
Selection List	Provides ability to hide/show the <a href="#">Selection List</a> . By default the Selection List is displayed.
Status Bars	Provides ability to hide/show the <a href="#">Selection List Status Bar</a> and the <a href="#">Lock/Release List Status Bar</a> . By default these status bars are shown.
Folders	Provides ability to Create and View the source and target folders of the current selections. If the folders do not exist, PeerLock will create them. This option will tile the folders on the left side of the screen in an orderly fashion.
Log File	Provides a quick way to View and Clear the current <a href="#">log</a> file.
Messages	Opens the <a href="#">Messages</a> dialog to view any messages that have occurred during the current operation.

Action Menu	
Selections	Provides ability to Add, Update, and Delete a Job/selection. These options are also available from the <a href="#">Selection List Status Bar</a> and the <a href="#">Selection List Popup Menu</a> .
Auto Start	When enabled PeerLock will be started and begin the locking process automatically when the user interface is started. By default Auto Start is disabled.
Start	When clicked PeerLock will begin the locking process. Close the PeerLock application in order to start the <a href="#">service</a> .
Stop	When clicked PeerLock will end the locking process and release all the handles it currently has on the target files.
Release All Locks	PeerLock will release the lock handles of all the files currently locked on the target folders. When using this option the target files will not enter the <a href="#">Idle</a> period before being released. If using Local Detection, the target

	<p>files will be permanently released. The source files would need to be closed and re-opened for the lock handles to be re-applied to the target files. When using Server Detection, the target files will be temporarily released. If at the next <a href="#">Lock Frequency</a> interval PeerLock detects that the source files are opened, it will re-apply the lock handles to the target files. Once an item is released it will be added to the <a href="#">Release</a> list.</p> <p>Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.</p>
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Help Menu	
PeerLock Help	Opens this Help File.
Online Resources	Provides links to various online resources such as support documentation, guidelines for collaboration configuration, link to our online support forum, and other useful website links.
Create System Info File on Desktop	Allows you to create a system info file (SysInfo.nfo) that you can submit to our support team for troubleshooting purposes.
Register PeerLock	Opens the Registration window to view or modify the PeerLock activation key/license.
About PeerLock	Opens the About screen for a summary view of the current PeerLock version/build and provides access to the Registration dialog.

Evaluation Menu (Available only during evaluation/trial modes)	
Register PeerLock	Opens the Registration window to view or modify the PeerLock activation key/license.
About PeerLock	Opens the About screen for a summary view of the current PeerLock version/build and provides access to the Registration dialog.

Notes:

- Options and Action features can be set via [Command Line Arguments](#).
- For more information on Options and Action features see [Command Line Arguments](#).
- The Create/ View and Close Folder Selections in MS Windows Explorer features are only available in the [Server Edition](#) of PeerLock.
- Service features are only available in the [Server Edition](#) of PeerLock.
- If you install PeerLock Server as a service, you must configure it to use an account that has access to all folder selections (i.e. a domain\ admin account).

6. If you install PeerLock Server as a service, you can still run it as an application but you should run only one instance (Application or Service) at a time.

## 1.3 Toolbar



Toolbar Items	
The Toolbar section allows you to quickly access most of the commonly used menu items. This section can be viewed/hidden by selecting/unselecting it under the <a href="#">View Main Menu</a> item.	
Save Settings	Allows you to save the current application settings as the default settings.
Start	Allows you to start the current selections.
Stop	Allows you to stop the current selections.
Options	Provides quick access to the <a href="#">Global Options</a> dialog.
Help	Allows you to access this help file.

## 1.4 Selection List

### 1.4.1 Overview

Job Name	Source	Target	Exclude Files
January Projects	D:\Projects\January	\\dellt1500\d\$\Projects\January	~;*.tmp;.TMP;.PSTMP;.PSBAK;.EXE;.BAT;.CMD;.SYS;.
Global Projects	E:\Projects\Data	\\dellt1500\d\$\Projects\Data	~;*.tmp;.TMP;.PSTMP;.PSBAK;.EXE;.BAT;.CMD;.SYS;.
	<Double-Click Here to Add a Selection>		

Job Configured by PeerLock
  Local Jobs: 0
  Linked Jobs: 2

Selection List Columns	
The columns displayed on this panel can be shown/hidden by choosing Column Selections... from the <a href="#">Selection List Popup Menu</a> . You may also reposition the columns simply by dragging them to a desired position. The Selection List can be shown/hidden via the <a href="#">View</a> menu. The default columns are Source, Target, and Sub-folders.	
Source	Displays the folder that you wish to monitor for files that are opened.
Target	Shows the folder or a list of folders where the files that you wish to be locked upon a source file open reside.
Sub-folders	Displays the option to watch just the root of the folder (Off) or to include sub-folders of your Source and Target selection (On).
Include	Shows the masking of the types of files you wish to include.

	File types are specified by a star command followed by the file extension (i.e. *.doc;*.txt, etc.). The default setting ( * ) includes all files. Multiple Inclusions will be semi-colon delimited. Inclusions are not case sensitive, i.e. A = a.
Exclude	Shows the masking of the types of files you wish to exclude. File types are specified by a star command followed by the file extension (i.e. *.doc;*.txt, etc.). Multiple Exclusions will be semi-colon delimited. Exclusions are not case sensitive, i.e. A = a.
Source Connect As	Displays the username (if any) specified to allow PeerLock connection to the source directory that is not accessible using the current logged on account.
Target Connect As	Displays the username (if any) specified to allow PeerLock connection to the target directory that is not accessible using the current logged on account.

## Notes:

1. Please refer to [Product Editions](#) for Selection Limits.
2. PeerLock allows for 255 Source Selections with each allowing for up to 100 Targets.
3. Folders can be dragged and dropped from MS Windows Explorer into these fields.
4. The drop-down lists will be dynamically populated with source-target folders, as they are set.
5. You can delete items from drop-down lists by dropping the list and selecting the item and pressing the delete key.
6. UNC names can be entered manually, or can be selected from the Network Neighborhood.
7. UNC names will appear in the form: \\COMPUTER\SHAREDDEVICE\PATH

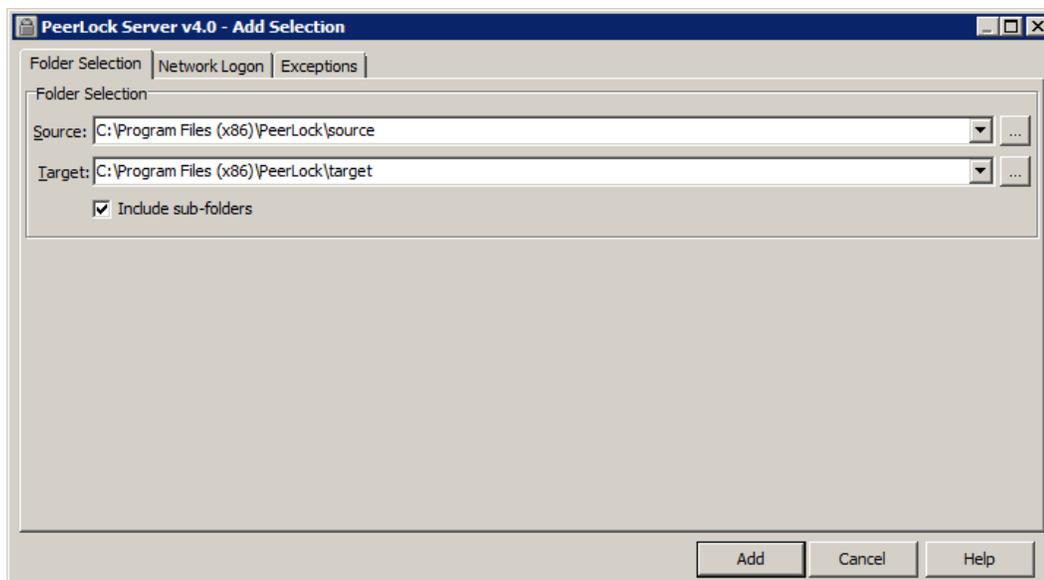
## 1.4.2 Status Bar



Selection List Status Bar Items	
Provides the ability to Add, Update, and Delete source and target folder entries.	
Add	This button will display the <a href="#">Add Selection Screen</a> where you can select a source and target folder list, and the ability to include sub-folders.
Update	Displays the <a href="#">Update Selection Screen</a> where you can edit the source and target folder list, and the ability to include sub-folders. This button is enabled when a <a href="#">Selection List</a> item is selected.
Delete	Delete the selected item from the <a href="#">Selection List</a> . This button is enabled when a <a href="#">Selection List</a> item is selected.
Selection Count	Display of the current selection count.

Status	
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### 1.4.3 Add Selection Screen



#### Folder Selection

This screen is used to add a new selection. By default this selection contains a source and target sub-folder of the installed folder with Include sub-folders enabled and a mask that includes all files. You can access this screen via the [Action](#) --> [Selections](#) --> [Add](#) menu item, by double clicking the <Double-Click Here to Add Selection> item in the [Selection List](#), by right-clicking on the [Selection List](#) and selecting [Add](#) from the popup menu, or by clicking on the [Add](#) button located on the [Selection List Status Bar](#).

#### Source

You may select a Source folder by typing the file path into the field provided, dragging and dropping from MS Windows Explorer into the field provided, or by using the [Select Source](#) Button to the right of this field. All source folder selections must reside on the local machine.

Click on the brows button to the right of this field to navigate to the desired Source directory: once this box has opened, locate your chosen Source folder, select it using the left mouse button, and click "OK", or by double-clicking the Source field. This selection requires that the machine on which PeerLock is running has full access to the desired source directory.

#### Target

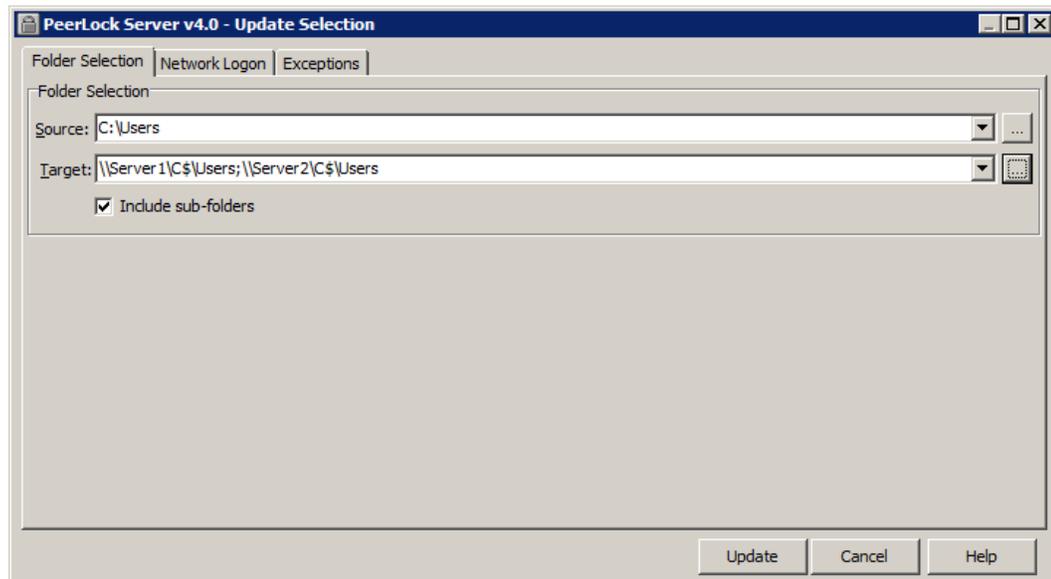
You may select a Target folder by typing the file path into the field provided, dragging and dropping from MS Windows Explorer into the field provided, or by using the [Select Target](#) Button to the right of this field. For multiple target selections use a semi-colon delimiter as depicted above.

	<p>For remote Target locations we recommend providing the UNC paths to the desired locations.</p> <p>Click on the brows button to the right of this field to navigate to the desired Target directory: This button will display a 'Target Folder Selection' dialog that will allow you to add targets. To add a Target folder, click New, then type the desired Target folder into the field located at the bottom of the dialog, or you may use the browse for folder button. This button opens a "Browse for Folder" dialog box: once this box has opened, locate your chosen Target folder, select it using the left mouse button, and click "OK." Repeat this process for each desired target folder. Target folders can be deleted by selecting them from the list and clicking the Delete key at the bottom of the dialog box. Once you have finished, click the OK button. The dialog will close and all of the Target folders you have specified will automatically appear in the Target field in the proper format (separated by semi-colons).</p> <p>This selection requires that the machine on which PeerSync is running has full access to the desired Target directory. In some instances <a href="#">Network Logon</a> may be required.</p>
Include sub-folders	Option to enable/disable the including of sub-folders of for the current selection.

## Notes:

1. Please refer to [Product Editions](#) for Selection Limits.
2. PeerLock allows for 255 Source Selections with each allowing for up to 100 Targets.
3. Folders can be dragged and dropped from MS Windows Explorer into these fields.
4. The drop-down lists will be dynamically populated with source-target folders, as they are set.
5. You can delete items from drop-down lists by dropping the list and selecting the item and pressing the delete key.
6. UNC names can be entered manually, or can be selected from the Network Neighborhood.
7. UNC names will appear in the form: \\COMPUTER\SHAREDDEVICE\PATH

## 1.4.4 Update Selection Screen



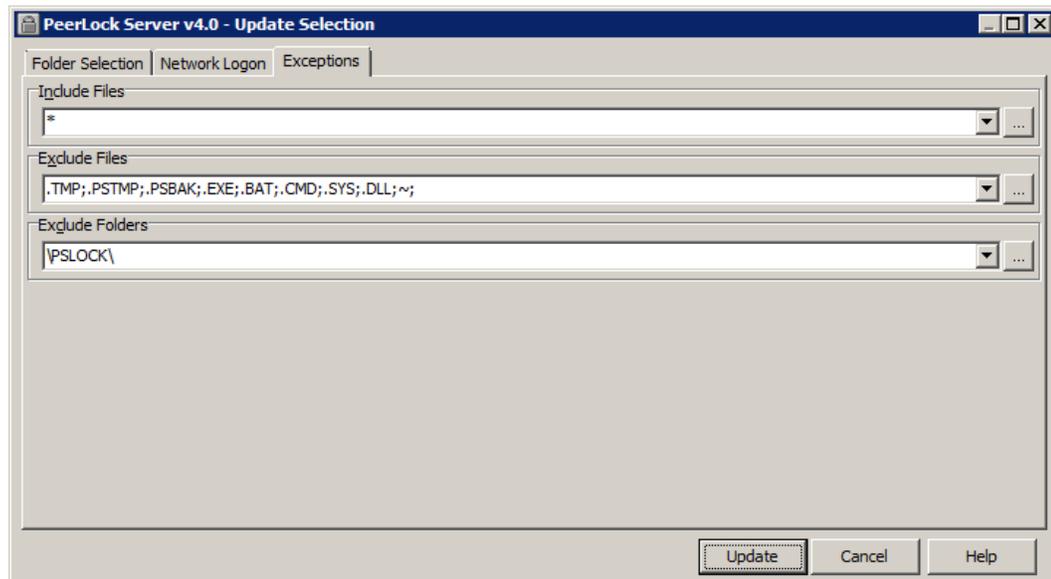
Folder Selection	
<p>This screen is used to update an existing selection. You can access this screen via the <a href="#">Action</a> --&gt; Selections --&gt; Update menu item, by double clicking an existing item, by right-clicking on the <a href="#">Selection List</a> and selecting Update from the popup menu, or by clicking on the Update button located on the <a href="#">Selection List Status Bar</a>.</p>	
Source	<p>You may select a Source folder by typing the file path into the field provided, dragging and dropping from MS Windows Explorer into the field provided, or by using the Select Source Button to the right of this field. All source folder selections must reside on the local machine.</p> <p>Click on the brows button to the right of this field to navigate to the desired Source directory: once this box has opened, locate your chosen Source folder, select it using the left mouse button, and click "OK", or by double-clicking the Source field. This selection requires that the machine on which PeerLock is running has full access to the desired source directory.</p>
Target	<p>You may select a Target folder by typing the file path into the field provided, dragging and dropping from MS Windows Explorer into the field provided, or by using the Select Target Button to the right of this field. For multiple target selections use a semi-colon delimiter as depicted above.</p> <p>For remote Target locations we recommend providing the UNC paths to the desired locations.</p> <p>Click on the brows button to the right of this field to navigate to the desired Target directory: This button will display a 'Target</p>

	<p>Folder Selection' dialog that will allow you to add targets. To add a Target folder, click New, then type the desired Target folder into the field located at the bottom of the dialog, or you may use the browse for folder button. This button opens a "Browse for Folder" dialog box: once this box has opened, locate your chosen Target folder, select it using the left mouse button, and click "OK." Repeat this process for each desired target folder. Target folders can be deleted by selecting them from the list and clicking the Delete key at the bottom of the dialog box. Once you have finished, click the OK button. The dialog will close and all of the Target folders you have specified will automatically appear in the Target field in the proper format (separated by semi-colons).</p> <p>This selection requires that the machine on which PeerSync is running has full access to the desired Target directory. In some instances <a href="#">Network Logon</a> may be required.</p>
Include sub-folders	Option to enable/disable the including of sub-folders of for the current selection.

Notes:

1. Please refer to [Product Editions](#) for Selection Limits.
2. PeerLock allows for 255 Source Selections with each allowing for up to 100 Targets.
3. Folders can be dragged and dropped from MS Windows Explorer into these fields.
4. The drop-down lists will be dynamically populated with source-target folders, as they are set.
5. You can delete items from drop-down lists by dropping the list and selecting the item and pressing the delete key.
6. UNC names can be entered manually, or can be selected from the Network Neighborhood.
7. UNC names will appear in the form: \\COMPUTER\SHAREDDEVICE\PATH

## 1.4.5 Exceptions

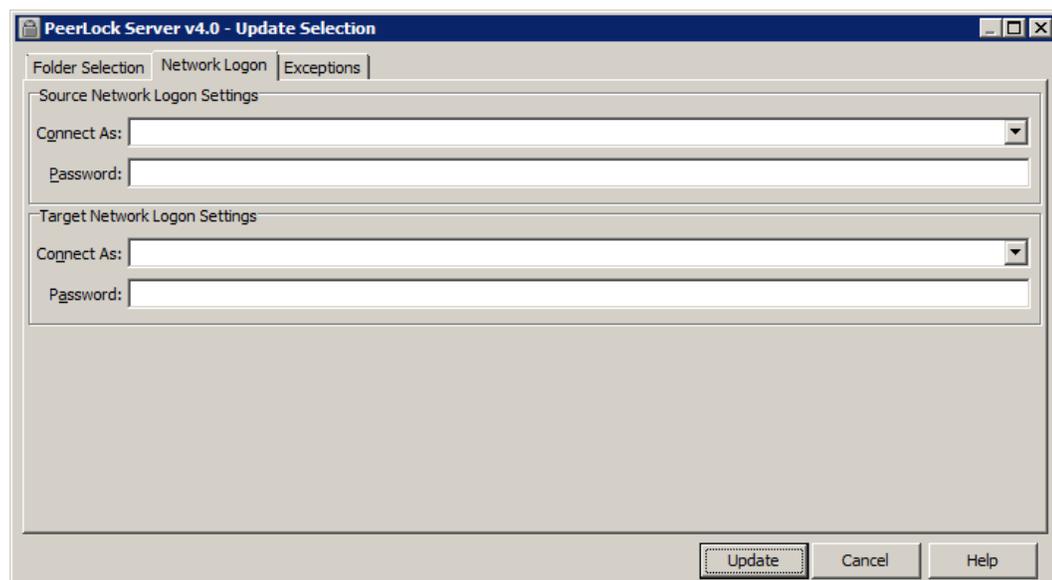


Exceptions	
Provides ability to select files/folders to be included/excluded at the Job/Selection level.	
Include Files	<p>Select an inclusion by typing file types into the field provided, dragging and dropping files from MS Windows Explorer into the field provided, or by using the button to the right of this field. For multiple selections use a semi-colon delimiter.</p> <p>The button to the right of this field will display a selection dialog that will allow you to add inclusions. To add an inclusion, click New then type the desired string (i.e. *.doc) into the field located at the bottom of the dialog. Repeat this process for each desired strings. Strings can be deleted by selecting them from the list and clicking the Delete button at the bottom of the dialog box. Once you have finished, click the OK button. The dialog will close and all of the strings you have specified will automatically appear in the Include Files field in the proper format (semi-colon delimited).</p>
Exclude Files	<p>Enter an exclusion by typing file types into the field provided, dragging and dropping files from MS Windows Explorer into the field provided, or by using the button to the right of this field. For multiple selections use a semi-colon delimiter.</p> <p>The button to the right of this field will display a dialog that will allow you to add file exclusions. To add an exclusion click New then type the desired string (i.e. *.doc) into the field located at the bottom of the dialog. Repeat this process for each desired exclusion. Strings can be deleted by selecting them from the list and clicking the Delete button at the bottom</p>

	<p>of the dialog box. Once you have finished, click the OK button. The dialog will close and all of the strings you have specified will automatically appear in the Exclude Files field in the proper format (semi-colon delimited).</p>
Exclude Folders	<p>Enter a folder exclusion by typing the folder names or paths into the field provided, dragging and dropping the folders from MS Windows Explorer into the field provided, or by using the button to the right of this field. For multiple selections use a semi-colon delimiter.</p> <p>The button to the right of this field will display a dialog that will allow you to add folders. To add an exclusion click New then type the desired string (i.e. System32) into the field located at the bottom of the dialog. Repeat this process for each desired exclusion. Folders can be deleted by selecting them from the list and clicking the Delete button at the bottom of the dialog box. Once you have finished, click the OK button. The dialog will close and all of the folders you have specified will automatically appear in the Exclude Folders field in the proper format (semi-colon delimited).</p>

Hint: Dragging and dropping files and folders onto the desired include/exclude fields is the fastest way to specify exceptions. Dragging and dropping the files/folders on these fields will cause PeerLock to dynamically enter only the file extensions or folder names in the specified field. Dragging and dropping the files/folder on top of the button to the right of these fields will cause PeerLock to enter the full name of the files or the full path of the folders.

## 1.4.6 Network Logon



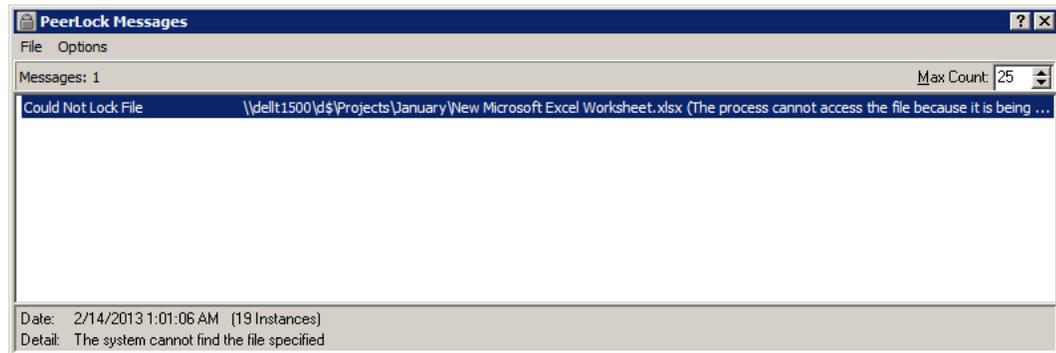
### Source Network Logon Settings

Provides the ability to connect to a source folder that may require a different account than

the one PeerLock is running under.	
Connect As	Provide the user name to allow PeerLock connection to the source directory that is not accessible using the current logged on account. Be sure to include the domain name if applicable (i.e. MyDomain\UserName).
Password	Enter the password information for login.

Target Network Logon Settings	
Provides the ability to connect to a target folder that may require a different account than the one PeerLock is running under.	
Connect As	Provide the user name to allow PeerLock connection to the target directory that is not accessible using the current logged on account. Be sure to include the domain name if applicable (i.e. MyDomain\UserName).
Password	Enter the password information for login.

### 1.4.7 Message Dialog



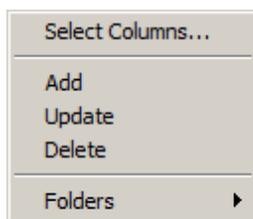
Message Dialog	
The message dialog displays any messages that have occurred during the current operation. You can specify the Max Count by selecting this value for the amount of messages to retain. You may also view the date and details for each message by clicking on that message.	
Message Count	This is the number of "unique" messages being displayed. If a message is reported more than once, the number of instances will be specified at the end of the 'Date' field.
Max Count	This is the maximum number of messages that the dialog will retain.

File Menu
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Close Message Dialog	Selecting this option will close the Messages dialog. To reopen the Messages dialog, click on the Messages label located on the <a href="#">Lock/Release List Status Bar</a> .
Terminate Application	This menu item will terminate PeerLock.

Options Menu	
Auto Display	Allows you to turn On/Off the Auto Display option. If Auto Display is enabled, the Messages dialog will be shown automatically when an error occurs,.
Show Icon on Tray	Provides ability to hide/show the Tray Icon. By default the Tray Icon is displayed at runtime when PeerLock has been started and is in a running state.
Clear Message List	Selecting this option will remove all messages shown in the Messages list.
Log File	Provides a quick way to View and Clear the current <a href="#">log</a> file.
Show Application	When running PeerLock in a minimized state, not visible, the Messages dialog should show up automatically by default and messages are received, selecting this option from the Messages dialog will open the PeerLock application.

### 1.4.8 Selection List Popup Menu

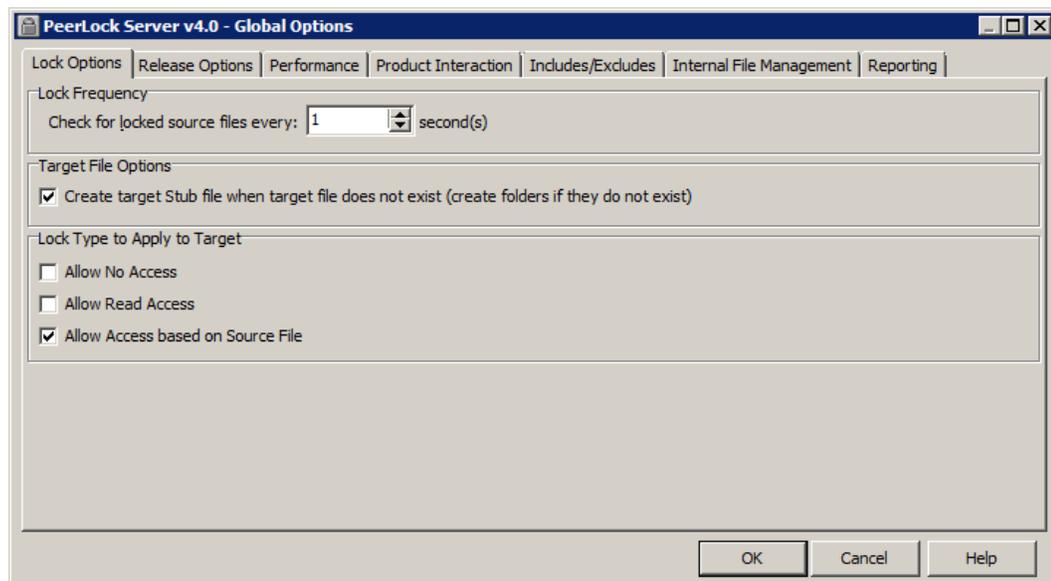


Selection List Popup Menu	
Display the Selection List Popup Menu by right-clicking on the <a href="#">Selection List</a> , This menu can only be accessed while PeerLock is not in a running state.	
Select Columns...	Displays a dialog from which you can choose to show/hide specific <a href="#">Selection List</a> columns. The Source and Target columns will be displayed at all times and cannot be hidden. You can hide/show the entire <a href="#">Selection List</a> by disabling / enabling the Selection List item within the <a href="#">View</a> menu.
Add	Use this option to add a new selection. The <a href="#">Add Selection Screen</a> will be shown to guide you through the source/target folder selection process.
Update	Use this option to update an existing selection. The <a href="#">Update</a>

	<a href="#">Selection Screen</a> will be shown to guide you through the source/target update process.
Delete	Provides ability to delete the current selection.
Folders	Provides ability to open and display the source and target folders of the current selection. If the folders do not exist PeerLock will create them. It also gives you the ability to close all opened source and target folders of the current selection.

## 1.5 Global Options

### 1.5.1 Lock Options



Lock Frequency	
Check for locked source files every x second(s)	Represents the interval, in seconds, of how often PeerLock will check for locked source files. Once PeerLock detects that a source file is locked it will lock the corresponding target files. Default value is every 1 second.

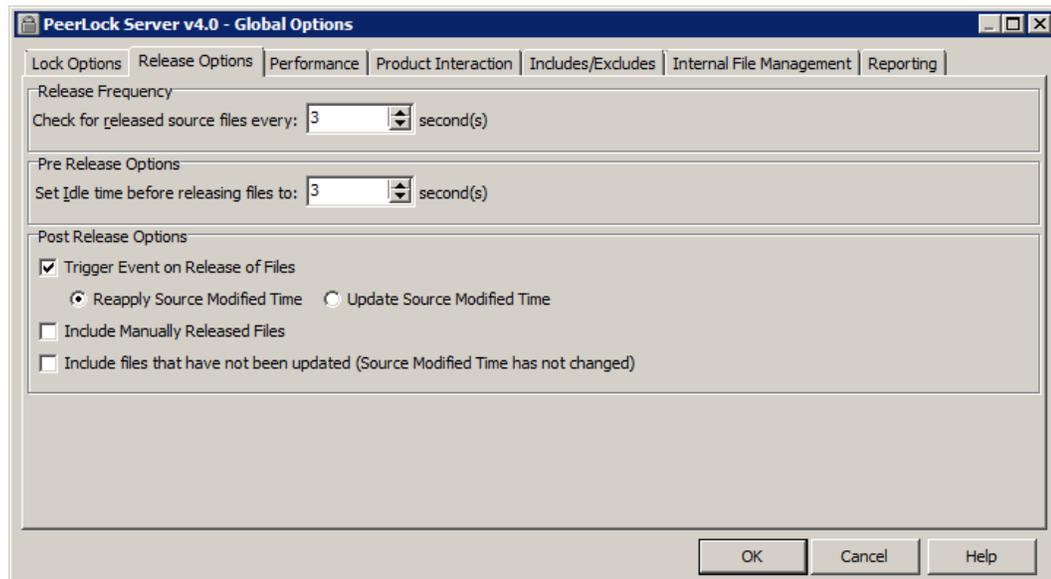
Target File Options	
Create target Stub file when target file does not exist (create folder if they do not exist)	If the opened source file does not have a corresponding target file, by default, this option will cause PeerLock to create a 0 size stub file on the remote target location(s). PeerLock will create the folder on the target if it does not exist. The stub file will be removed/cleared upon release of the source file. When using PeerSync with this option enabled, the stub file will be excluded by PeerSync. This feature will prevent files from

	<p>being added to the target while its corresponding source file is open.</p> <p>Turning off this option will cause PeerLock to add the file to the Locked Files list, create PSTMP files on both the source and target locations, but will not create a 0 size stub file as well as folders.</p>
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Lock Type to Apply to Target	
Allow No Access	PeerLock will use an exclusive handle to lock the corresponding target files. This method will completely lock out users from accessing the target files.
Allow Read Access	PeerLock will allow Read access for all locked target files. This method will allow user to open files in a Read Only mode.
Allow Access based on Source File (Default)	<p>PeerLock will take into account the source file access and replicate the same exact handles to the target files. PeerLock will apply the same type of handle to the target file that is currently applied to the source file. This method will lock out users from the target file in the same fashion they are locked out from the source. This option is beneficial when working with applications that allow for various types of file access (i.e. some files are opened for read and write access while other related files will be opened for read only access).</p> <p>When using this feature, if the type of source lock is modified by the application maintaining the lock, PeerLock will reassign the new type of lock to the target file without releasing the file from the <a href="#">Locked</a> list. Also, if there are multiple locks on the file PeerLock will merge or combine the lock type permissions together to use one complete lock to apply to the corresponding target file(s).</p> <p>This option is enabled by default.</p>

Note: Global Options settings apply to all Jobs/ Selections.

## 1.5.2 Release Options



Release Frequency	
Check for released source files every x second(s)	Represents the interval of how often PeerLock will check that the locked source files are still in a locked state. Once PeerLock detects that a locked source files has been released PeerLock will release the corresponding target file or enter the <a href="#">Idle</a> state. Once an item is released it will be added to the <a href="#">Release</a> list. The default value is every 3 seconds.

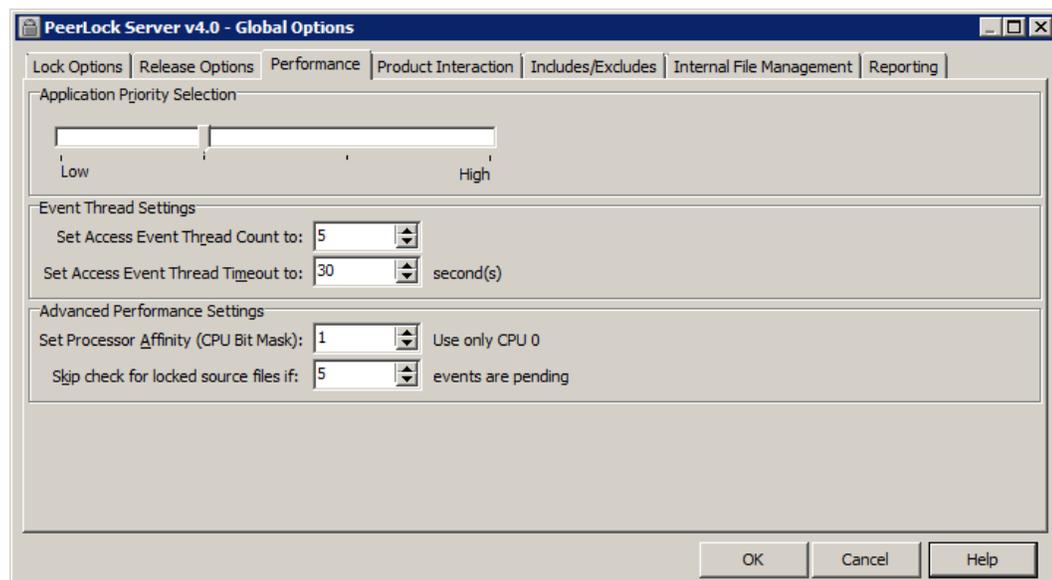
Pre Release Options	
Set Idle time before releasing files to x second(s)	Represents the interval of how long the target file will remain locked once the source file has been released. When the source file is closed PeerLock will wait x seconds before releasing the target file. During this period the file entry in the <a href="#">Locked</a> list will be highlighted Yellow. This feature is intended to protect the releasing of files during file opens and saves. Certain applications may temporary release files during these procedures. With this feature enabled PeerLock will wait the set period of time to make sure the file is fully released before unlocking the corresponding target files. Once an item is released it will be added to the <a href="#">Release</a> list. The default value is every 5 seconds.

Post Release Options	
Trigger Event on	If the source file was been modified/updated while it was

Release of Files	opened, PeerLock will re-apply the original modified date/time stamp to the source file once it is closed/released. This method will trigger an update event to be detected by PeerSync.
Reapply Source Modified Time	If the source file was been modified/updated while it was opened, PeerLock will apply the current date/time stamp to the source file once it is closed/released. This method will trigger an update event to be detected by PeerSync.
Update Source Modified Time	If a file was <a href="#">manually forced</a> to be released, this method will run through the process of triggering an event on the source file (based on which of the trigger events are selected). By default this option is disabled because we don't want to cause a trigger event if the source file may still be opened.
Include Manually Released Files	This option will allow for triggering of files that have been <a href="#">manually</a> released. By default this setting is disabled.
Include files that have not been updated (Source Modified Time has not changed)	This option will allow for triggering of files that may have been open but not updated. By default this setting is disabled.

Note: Global Options settings apply to all Jobs/ Selections.

### 1.5.3 Performance



#### Application Priority Selection

Move the slider to adjust the PeerLock application priority. To achieve faster PeerLock

response rate move the slider to the right. To achieve lower CPU usage move the slider to the left. Each slider position represents the following values:

	Sleep Frequency	Sleep Value
Slider Position 1	10	100
Slider Position 2	25	50
Slider Position 3	50	25
Slider Position 4	100	10

#### Event Thread Settings

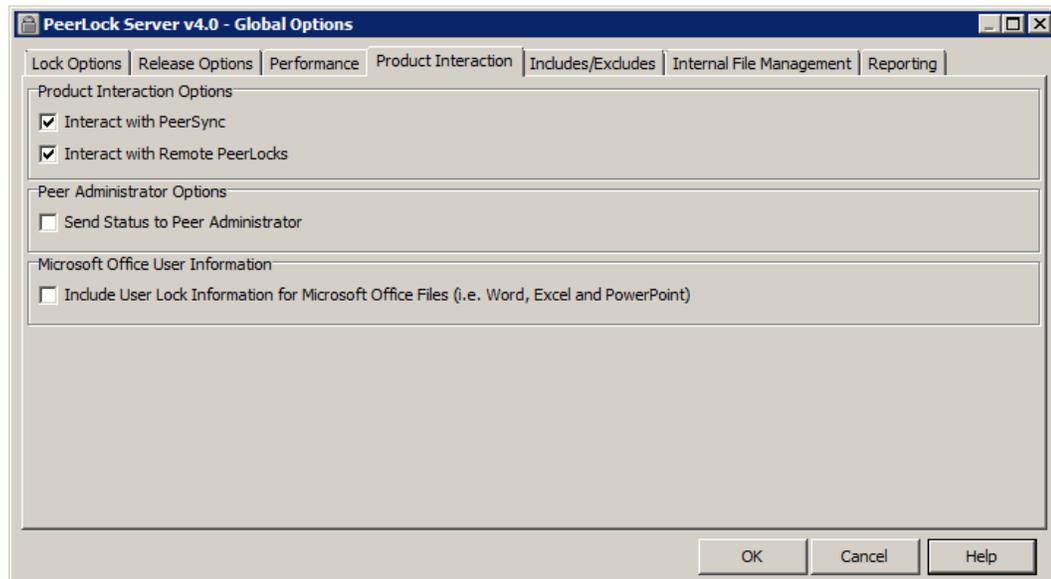
Set Access Event Thread Count to	Specify the number of threads used to detect and lock opened files. This feature improves the detection and locking of opened files and overall responsiveness of PeerLock. Increase this value if you want PeerLock to have more threads available for locking files. Default value is 5.
Set <b>Access</b> Event Thread Timeout to	The Timeout setting is used to determine for how long to leave inactive threads running for. Default value is 30 seconds.

#### Advanced Performance Settings

Set Processor Affinity (CPU Bit Mask)	This setting will allow you to limit which CPUs to use in a multi-processor environment.
Skip check for locked source files if x events are pending	Adjust performance by performing source lock validation checks only when x events are pending.

Note: Global Options settings apply to all Jobs/ Selections.

## 1.5.4 Product Interaction



Product Interaction Options	
Interact with PeerSync	If this option is checked PeerLock will interact with other PeerSyncs by excluding their corresponding temporary files from being locked (i.e. *.pstmp, *.brtmp).
Interact with Remote PeerLocks	If this option is checked PeerLock will interact with other PeerLocks by excluding their corresponding temporary files from being locked (i.e. *.pslock).

Peer Administrator Options	
Send Status to Peer Administrator	Check this option in order for PeerLock to begin sending status information to the Peer Administrator. By default this option is disabled.

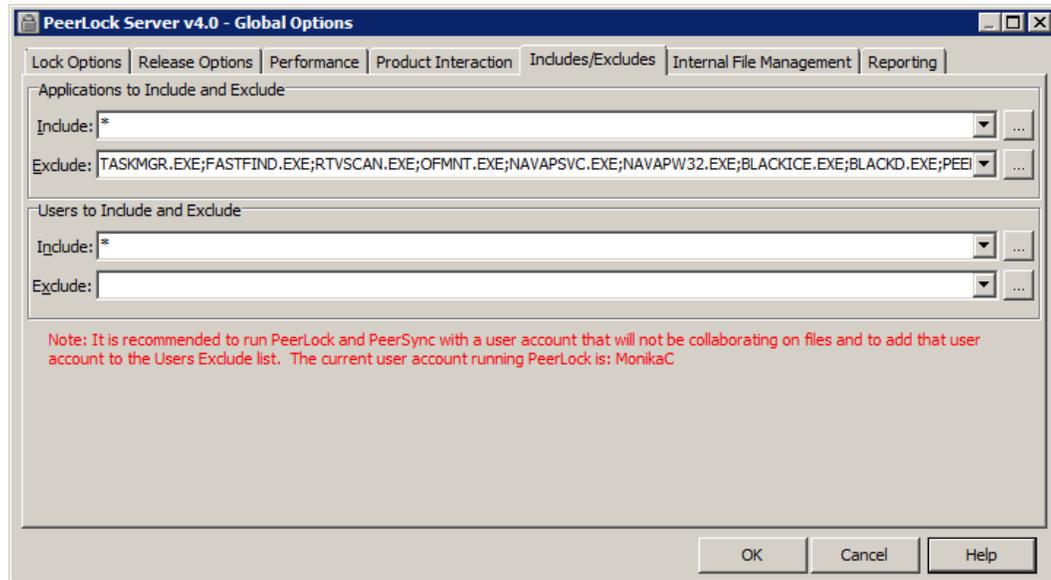
Microsoft Office User Information	
Include User Lock Information for Microsoft Office Files	<p>Enable this option in order for Microsoft Office files to display the name of the user who has the original file opened on another site. Without this option enabled, Microsoft Office files will show "another user" instead of the user name. The name used in this option is the one used in Microsoft Office (File &gt; Options &gt; General &gt; User name) for the users opening the file from the client systems.</p> <p>Note: This setting is available only as part of PeerSync - Collaboration Edition</p>

(bundle of PeerSync + PeerLock).

Notes:

1. If one of the above options are checked PeerLock will create a hidden temporary system file in the target directory (\*.pslock).
2. Global Option settings apply to all Jobs/ Selections.

## 1.5.5 Includes/Excludes



### Applications to Include and Exclude

The Include/Exclude window is accessible from the [Options Menu](#). This dialog allows you to select applications or users to include and/or exclude from the event detection used to determine open source files.

Include	Use this field to determine which applications to include in the event detection used to determine open source files. The default setting (*) includes all applications. Multiple Includes can be used and are semicolon delimited (i.e. WINWORD.EXE;EXCEL.EXE). Includes are not case sensitive, i.e. "A" = "a". Includes can be typed manually, or can be specified using either the drop-down list located or the Include Applications Button to the right of the field.
Include Applications Button	Opens an "Include Applications" dialog box into which application names may be entered. To add an application to include, click "New", then type the desired application name into the field located at the bottom of the dialog. Repeat this process for each desired application to include. Includes can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the dialog box. Once you have

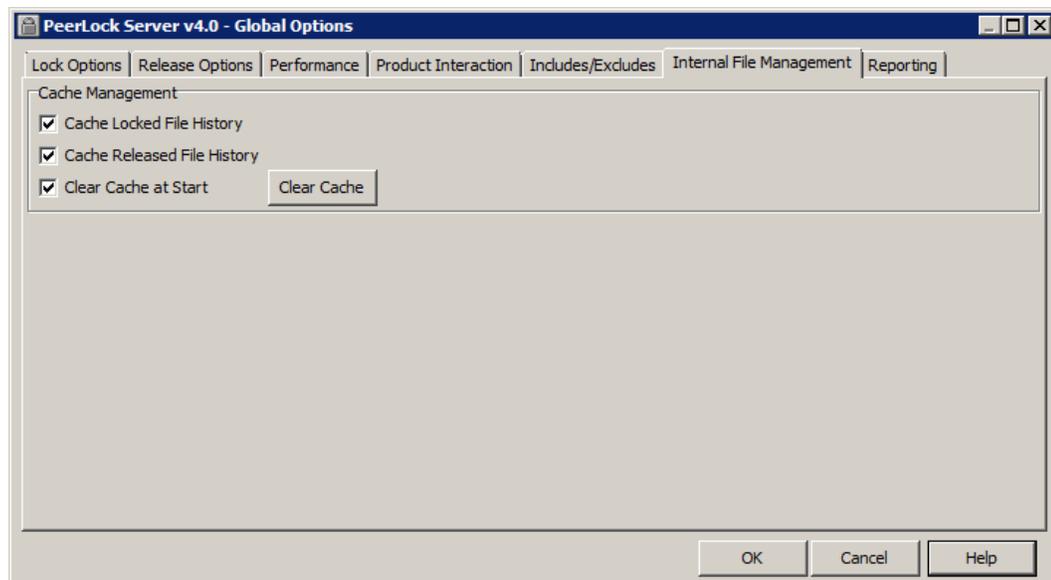
	finished, click the "OK" Button. The dialog will close and all of the Includes you have specified will automatically appear in the Include Applications field in the proper format (separated by semicolons).
Exclude	Use this field to determine which applications to exclude in the event detection used to determine open source files. The default setting includes a list of applications that may trigger unwanted detection. Multiple Excludes can be used and are semicolon delimited (i.e. EXPLORER.EXE;PeerLock.EXE). Excludes are not case sensitive, i.e. "A" = "a". Excludes can be typed manually, or can be specified using either the drop-down list located or the Exclude Applications Button to the right of the field.
Exclude Application Button	Opens an "Excludes Applications" dialog box into which application names may be entered. To add an application to exclude, click "New", then type the desired application name into the field located at the bottom of the dialog. Repeat this process for each desired application to exclude. Excludes can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the dialog box. Once you have finished, click the "OK" Button. The dialog will close and all of the Excludes you have specified will automatically appear in the Exclude Applications field in the proper format (separated by semicolons).

<p><b>Users to Include and Exclude</b></p> <p>The Users to Include/Exclude window is accessible from the <a href="#">Options Menu</a>. This dialog allows you to specify the users to include and/or exclude from the event detection used to determine open source files.</p>	
Include	Enter the names of the users for which you want PeerLock to detect opened files. The default setting (*) includes all users. Multiple Includes can be used and are semicolon delimited (i.e. JOES;MARYK). Includes are not case sensitive, i.e. "A" = "a". Includes can be typed manually, or can be specified using either the drop-down list located or the Include Users Button to the right of the field.
Include Users Button	Opens an "Include Users" dialog box into which user names may be entered. To add a user to include, click "New", then type the desired name into the field located at the bottom of the dialog. Repeat this process for each user to include. Includes can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the dialog box. Once you have finished, click the "OK" Button. The dialog will close and all of the Includes you have specified will automatically appear in the Include Users field in the proper format (separated by semicolons).

Exclude	<p>Enter the names of the users for which you want PeerLock to exclude opened files. The default setting is blank and will not exclude any users. Multiple Excludes can be used and are semicolon delimited (i.e. JOES;MARYK). Excludes are not case sensitive, i.e. "A" = "a". Excludes can be typed manually, or can be specified using either the drop-down list located or the Exclude Users Button to the right of the field.</p> <p><b>Example:</b> You may choose to exclude files that are opened by the Administrator since activity generated under this account is typically non user related and does not need to be reacted on. Doing so will increase performance in PeerLock by filtering out unnecessary activity. For optimal performance we recommend you exclude the user account under which PeerLock and/or PeerSync are running.</p>
Exclude Users Button	<p>Opens an "Exclude Users" dialog box into which user names may be entered. To add a user to exclude, click "New", then type the desired name into the field located at the bottom of the dialog. Repeat this process for each user to exclude. Exclude can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the dialog box. Once you have finished, click the "OK" Button. The dialog will close and all of the Excludes you have specified will automatically appear in the Exclude Users field in the proper format (separated by semicolons).</p>

Note: Global Option settings apply to all Jobs/ Selections.

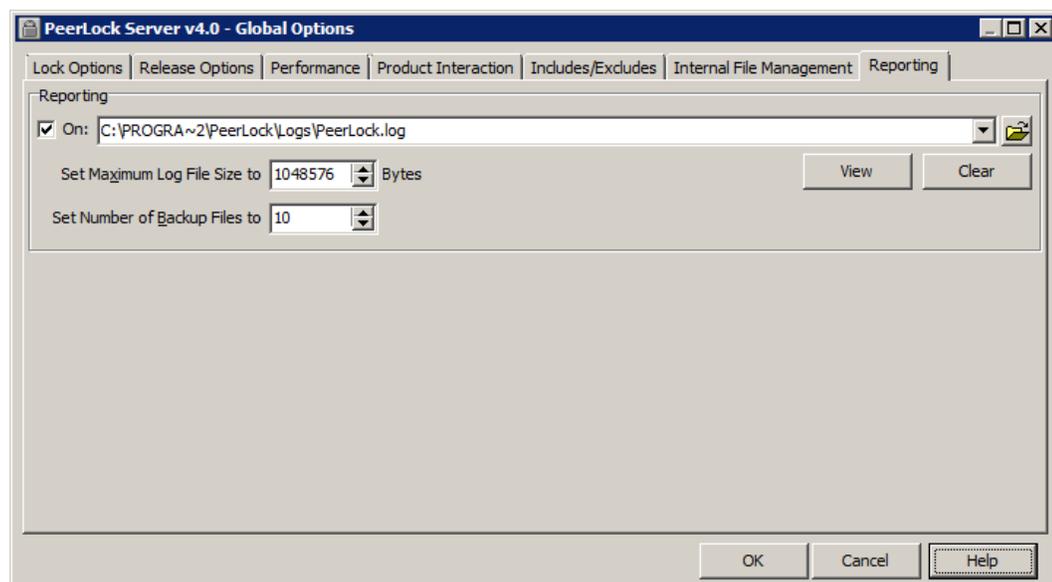
## 1.5.6 Internal File Management



Cache Management	
Provides ability to track and remove temporary files used by PeerLock.	
Cache Locked File History	Maintains a list of all the files locked by PeerLock in the PeerLock installation folder (...)\PeerLock\Cache\LFCache.txt). If the Clear Cache at start option is enabled, at the start-up of PeerLock, it will refer to this list to clean up the stub files and lock files left behind on the target folder. Alternatively this can be done manually by hitting the clear cache button. This setting is enabled by default.
Cache Released File History	Maintains a list of all the files released by PeerLock in the PeerLock installation folder (...)\PeerLock\Cache\LFCache.txt). If the Clear Cache at start option is enabled, at the start-up of PeerLock, it will refer to this list to clean up the stub files and lock files left behind on the target folder. Alternatively this can be done manually by hitting the clear cache button. This setting is enabled by default.
Clear Cache at Start	Clears out the cache file located in the Cache folder in the PeerLock installation folder when PeerLock is starting and begins to lock files down. This setting is enabled by default.

Note: Global Option settings apply to all Jobs/ Selections.

## 1.5.7 Reporting



### Reporting

All known information at the time of an event is logged in a tab delimited format with column

headers for the start and stop of a PeerLock locking session. This allows for easy import into a spread sheet.	
On	Selecting and turning this option On/Off will enable/disable log file reporting. Once checked, select a log file by typing the file path into the field provided, or by using the search button to the right. By default, the log file field will use the path in which the application has been installed: in most cases this will be 'C:\Program Files\PeerLock' and will assume a default log file name such as PeerLock.log.
Set Maximum Log File Size to x Bytes	Allows you to specify the maximum size of the log files to be created.
Set Number of Backup Files to x	Allows you to specify the amount of backup log files to be created. If you set the number of backup log files to 0 then at the time your log file reaches its maximum size it will be deleted and recreated on the next log entry. If you set the number of backup log files to a value of 1..n then when your log file reaches its maximum size it will be renamed to a file with the extension .bak plus the number the backup file is. Example: Setting the number of backup log files to 2 will produce the following log files:  LogFileName.log (newest information) LogFileName.bak1 LogFileName.bak2 (oldest information)
View	When this is selected the log file will be displayed in the default text editor.
Clear	When this is selected the log file will be cleared. The entire contents of the log file will be deleted leaving behind only an empty file.

## Notes:

1. The drop-down lists will be dynamically populated with log file names, as they are set.
2. Files can be dragged and dropped from MS Windows Explorer into the 'Reporting' field.
3. Global Option settings apply to all Jobs/ Selections.

## 1.6 Lock/Release List

### 1.6.1 Locked List

Target File Path	Locked	Duration	Accessed By	Detection Type	Sour...	Target Acce
\\dellt1500\d\$\Projects\January\New Micr...	2/14/2013 1:22...	00:05:09	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\January\New Micr...	2/14/2013 1:22...	00:05:09	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\January\New Micr...	2/14/2013 1:22...	00:05:05	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\Data\Project1 - C...	2/14/2013 1:26...	00:01:17	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\Data\Project2 - C...	2/14/2013 1:26...	00:01:07	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\Data\Project1 - C...	2/14/2013 1:26...	00:00:56	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\Data\Project2 - C...	2/14/2013 1:27...	00:00:35	MonikaC	File Server M...	Read...	Read
\\dellt1500\d\$\Projects\Data\Project2.pptx	2/14/2013 1:27...	00:00:39	MonikaC	File Server M...	Read...	Read

#### Locked List Columns

This panel contains all information captured about the source and target files that have been locked. The columns displayed on this panel can be shown/hidden by choosing Column Selections... from the [Lock List Popup Menu](#). You may also reposition the columns simply by dragging them to a desired position. The default columns are Target File Path, Locked, Duration, Accessed By, Target Access Mode, and Source File Path.

#Locks	Displays the number of locks on the source.
Accessed By	The name of the user who has opened the file or accessed the resource.
Application	Displays the application that has been detected as opening the source file.
Detection Type	This column represents the PeerLock detection mode used to detect what source files are locked/opened. This will either be File Server Mode Detection or Local Detection.  Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.
Duration	Displays the amount of time that the source file has been opened.
Idle Time	Shows the amount of time the target file will remain locked once the source file has been released. When the source file is closed PeerLock will wait the number of <a href="#">Idle Time</a> seconds specified before releasing the target file. During the <a href="#">Idle Time</a> period the file entry in the <a href="#">Locked</a> list will be highlighted Yellow. The Idle Time value can be set in the <a href="#">Release Options</a> dialog. This feature is intended to protect the releasing of files during file opens and saves. Certain applications may temporary release files during these procedures. With this feature enabled PeerLock will wait the set period of time to make sure the file is fully released before unlocking the corresponding target files.
Lock File Handle	Displays the handle value created that is being used to lock

	the temporary <a href="#">Lock File</a> created by PeerLock to <a href="#">Interact with other Peer Software Products</a> . If the <a href="#">Interact</a> features are disabled then this will display 'None'.
Locked	Display the date/time when the target file was locked.
Release Detected	Shows the date and time when PeerLock detected the source file was closed. This value will be cleared if the file is reopened within the <a href="#">Idle</a> period and the target file handle is not released.
Source Access Allowed	Displays the permissions that are allowed on the opened source file.
Source Attributes	Shows the attributes of the source file.
Source File Path	Displays the file name complete with folder path for the source file that has been detected as an open file.
Source Handle	Displays the handle value created when the source file was opened.
Source Modified	Shows the modified date/time of the source file when it was detected as being open.
Source Open Mode	Displays the permissions that were used to open the source file.
Target Access Allowed	Displays the permissions that are allowed on the opened target file which are applied by PeerLock.
Target File Path	Shows the file name complete with folder path for a target file that is locked, if the file exists and can be locked.
Target Handle	Display the handle value created that is being used to lock the target file by PeerLock.
Target Open Mode	Displays the permissions that were granted when the target file was locked by PeerLock.
Temporary Releases	Shows the number of times the source file was closed during the <a href="#">Idle</a> period.

## 1.6.2 Released List

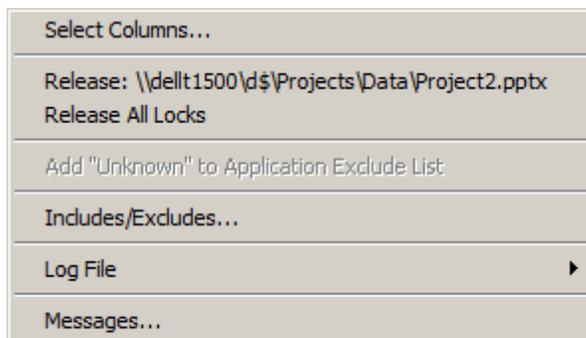
Target File Path	Released	Duration	Accessed By	Detection Type	Source Open M...	Target Access ...	#   ▲
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:55	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:55	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:55	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:55	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:57	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:57	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:57	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:05:57	MonikaC	File Server M...	Read+Write+Atrib	Read	0
\\dellt1500\d\$\P...	2/14/2013 1:21...	00:06:01	MonikaC	File Server M...	Read+Write+Atrib	Read	0

Released List Columns

<p>This panel displays a list of the top 100 recently released files and all information pertaining to the locking and releasing of those files including why the file was released (i.e. Manually, Locking Stopped, PeerLock Stopped or the Source File was released). The columns displayed on this panel can be shown/hidden by choosing Column Selections... from the <a href="#">Lock List Popup Menu</a>. You may also reposition the columns simply by dragging them to a desired position. The default columns are Target File Path, Locked, Duration, Accessed By, Target Access Mode, and Source File Path.</p>	
#Locks	Displays the number of locks on the source.
Accessed By	The name of the user who has opened the file or accessed the resource.
Application	Displays the application that has been detected as opening the source file.
Detection Type	<p>This column represents the PeerLock detection mode used to detect what source files are locked/opened. This will either be File Server Mode Detection or Local Detection.</p> <p>Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.</p>
Duration	Displays the amount of time that the source file has been opened.
Idle Time	<p>Shows the amount of time the target file will remain locked once the source file has been released. When the source file is closed PeerLock will wait the number of <a href="#">Idle Time</a> seconds specified before releasing the target file. During the <a href="#">Idle Time</a> period the file entry in the <a href="#">Locked</a> list will be highlighted Yellow. The Idle Time value can be set in the <a href="#">Release Options</a> dialog. This feature is intended to protect the releasing of files during file opens and saves. Certain applications may temporary release files during these procedures. With this feature enabled PeerLock will wait the set period of time to make sure the file is fully released before unlocking the corresponding target files.</p>
Lock File Handle	Displays the handle value created that is being used to lock the temporary <a href="#">Lock File</a> created by PeerLock to <a href="#">Interact with other Peer Software Products</a> . If the <a href="#">Interact</a> features are disabled then this will display 'None'.
Locked	Display the date/time when the target file was locked.
Release Detected	Shows the date and time when PeerLock detected the source file was closed. This value will be cleared if the file is reopened within the <a href="#">Idle</a> period and the target file handle is not released.
Source Access Allowed	Displays the permissions that are allowed on the opened source file.
Source Attributes	Shows the attributes of the source file.

Source File Path	Displays the file name complete with folder path for the source file that has been detected as an open file.
Source Handle	Displays the handle value created when the source file was opened.
Source Modified	Shows the modified date/time of the source file when it was detected as being open.
Source Open Mode	Displays the permissions that were used to open the source file.
Target Access Allowed	Displays the permissions that are allowed on the opened target file which are applied by PeerLock.
Target File Path	Shows the file name complete with folder path for a target file that is locked, if the file exists and can be locked.
Target Handle	Display the handle value created that is being used to lock the target file by PeerLock.
Target Open Mode	Displays the permissions that were granted when the target file was locked by PeerLock.
Temporary Releases	Shows the number of times the source file was closed during the <a href="#">Idle</a> period.

### 1.6.3 Lock/Release List Popup Menu



Lock List Popup Menu	
Display the Lock/Release List Popup Menu by right-clicking on the <a href="#">Lock</a> or <a href="#">Release</a> panel.	
Select Columns...	Displays a dialog from which you can choose to show/hide specific <a href="#">Lock</a> or <a href="#">Release</a> list columns. At least one column must be shown at all times.
Release	PeerLock will release the lock handle of the currently selected target file. When using this option the target file will not enter the <a href="#">Idle</a> period before being released. If using Local Detection, the target file will be permanently released. The source file would need to be closed and re-opened for the lock handle to be re-applied to the target file. When using Server

	<p>Detection, the target file will be temporarily released. If at the next <a href="#">Lock Frequency</a> interval PeerLock detects that the source file is opened, it will re-apply the lock handle to the target file. Once an item is released it will be added to the <a href="#">Release</a> list.</p> <p>Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.</p>
Release All Locks	<p>PeerLock will release the lock handles of all the files currently locked on the target folders. When using this option the target files will not enter the <a href="#">Idle</a> period before being released. If using Local Detection, the target files will be permanently released. The source files would need to be closed and re-opened for the lock handles to be re-applied to the target files. When using Server Detection, the target files will be temporarily released. If at the next <a href="#">Lock Frequency</a> interval PeerLock detects that the source files are opened, it will re-apply the lock handles to the target files. Once an item is released it will be added to the <a href="#">Release</a> list.</p> <p>Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.</p>
Add x to Application Exclude List	<p>Provides a quick way to exclude/include an application from triggering an event detection used to determine open source files. This option will cause PeerLock to restart.</p>
Application Include/Exclude Lists...	<p>Opens an <a href="#">Application Include/Exclude</a> dialog box into which application names may be entered to be excluded/included from triggering an event detection used to determine open source files. PeerLock would need to be restarted for any change to take effect.</p>
Log File	<p>Provides quick access to <a href="#">View</a> the log file as well as ability to <a href="#">Clear</a> it.</p>
Messages...	<p>Opens the <a href="#">Message</a> dialog to display any messages that have occurred during the current operation.</p>

#### 1.6.4 Lock/Release List Status Bar

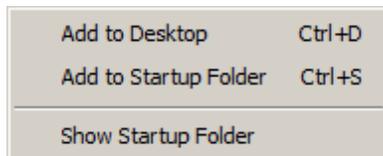


<p>Lock/Release List Status Bar</p> <p>This bar can be shown/hidden via the <a href="#">View</a> menu.</p>	
Messages	<p>By clicking on the messages label you can view the <a href="#">Message</a> dialog for more information about the messages you are receiving. When there are new messages, the label color will change to Red, once the message is viewed the label color will be reset to Black.</p>
Center Status Display	<p>Displays information/messages when connecting to machines.</p>

	This section will contain information about connection attempts and <a href="#">Retry Failed Connections</a> .
Active Lock Count	Shows the status of PeerLock. It will display 'Inactive' if PeerLock is not configured and or set to start.

## 1.7 Other Features

### 1.7.1 Shortcuts



#### Shortcuts

[Command Line Arguments](#) may be applied through a shortcut or the [Configuration](#) file. To create a shortcut from the interface and access the command line you want you can:

1. Set up the Job you wish to run and run it from the interface.
2. Go to the [File](#) > Shortcuts menu
3. Select Add to Desktop or Add to Startup Folder
4. Right click on the Shortcut and select Properties
5. Go to the Target field and view/copy the command line string. For example: The following arguments are appended to the end of the command line followed by a space and forward slash (i.e. /A ). A space and forward slash are also used to separate each additional argument (i.e. /A /DC+).

### 1.7.2 Configuration File

```

[Product]
AppLevel=2
Name=PeerLock Server v4.0
Version=4.0
Compiled=February 13, 2013
Platform=winNT
winDir=C:\windows

[AppInfo]
window State=Normal
Left=68
Top=362
width=750
Height=450
Use Skins=1
Check for File Name In Caption - Process Names=notepad.exe+Notepad;mspaint.exe+Pair

```

#### CFG File

This file is located in the PeerLock installation folder by default (C:\Program Files

\\PeerLock\PLDef.cfg).

By default PeerLock stores all of its settings in a configuration file called PLDef.cfg. This file may be modified with a text editor but doing so is not recommended. Also, you can load from an alternate configuration file by adding a file name that has a \*.cfg extension to your command line (i.e. MyPLConfig.cfg).

## 1.8 Command Line Arguments

### 1.8.1 Command Line Arguments

The applications Command Line Mode offers users the ability to configure a truly "hands-off" installation, where operation and distribution occurs from within an easily manageable, administrative environment. This mode allows Actions to be executed from logon scripts, system batch or command (CMD) files, detailed shortcuts, and shell commands.

Notes:

1. For the command line arguments described in this topic, note that attention is paid to punctuation, to the order in which arguments are entered, and that appropriate spaces are used to separate these arguments. Follow the format outlined in the examples provided.
2. Command Line Arguments can be added to the application [Shortcut](#)

#### Auto Start

/A

Auto Start: This argument is used to start PeerLock automatically.

/AM

Minimized\*: This argument is used to run PeerLock automatically and minimized.

Examples:

/A

Auto Start

/AM

Auto Start - Minimized

#### Detect/Lock Options

/DC[+-]

Check For File Name In Caption: Looks for the source file name in all open application captions when deciding if a file is open or not. This option is on by default.

/DE[+-]

Strip File Extension (Check For File Name In Caption): When using the Check For File Name In Caption option this option will strip off the file extension when looking for file names in all open application captions.

/DP[+-]

Strip File Path (Check For File Name In Caption): When using the Check For File Name In Caption option this option will strip off the file path when looking for file names in all open application captions. This option is on by default.

/DD[+-]

Detect Files when Target Does Not Exist (Create Target Stub File): If the opened source file does not have a corresponding target file, PeerLock will create a 0 size stub file on the remote target location(s). The stub file will be removed/cleared upon release of the source file. When using PeerSync with this option enabled, the stub file will be excluded by PeerSync. This feature will prevent files from being added to the target while its corresponding source file is open. By default this option is enabled.

/DL+

Allow No Access: Uses an exclusive lock on target files, meaning once the lock is applied no other applications can get a lock on the target file. This option is disabled by default.

/DL-

Allow Read Access: The lock set on target files will allow for other applications to still obtain a handle and get their own lock on the file. This option is disabled by default.

/DL>

Allow Access based on Source File: PeerLock will take into account the source file access and replicate the same exact handles to the target files. PeerLock will apply the same type of handle to the target file that is currently applied to the source file. This method will lock out users from the target file in the same fashion they are locked out from the source. This option is beneficial when working with applications that allow for various types of file access (i.e. some files are opened for read and write access while other related files will be opened for read only access). This option is enabled by default.

/DI[+-]

Interact with PeerSync and/or Save-N-Sync\*\*\*: Communicates/Notifies PeerSync and/or Save-N-Sync to exclude source files that are detected as open until the file has been released. This option is off by default and the caption of the option will display the name of the Peer Software product that is installed if applicable.

/DJ[+-]

Interact with Remote PeerLocks\*\*\*: Communicates/Notifies remote PeerLocks that may be running on your target machine(s) to exclude the detection of the local PeerLock locking files on the remote machine. This option should be enabled when running PeerLock on multiple machines pointing at each other. This option is off by default.

/DO[+-]

Check for File Open On Detection: This option will validate for a false detection of an open file by doing a secondary validation that the file is open on detection of the open file. This option is off by default.

/DS[+-]

Use File Server Mode Detection: If enabled, detection of locked files will be monitored by connections to the server made from other machines. When this option is enabled files opened by the local machine will not be detected but open files will be detected and locked on the start of PeerLock. If this option is not enabled detection of locked files will be monitored by a device driver running on the local machine that watches for changes made by any machine including the local machine but open files will not be detected and locked on the start of PeerLock. This option is on by default.

#### /DM:n

Set Detection Method Level (n = 1 - 31): PeerLock uses up to five methods of detection to determine if a file is open and in use. Using a value between 1 and 31 will enable any combination of the five methods. The first four methods are used by default (a value of 15 {1 + 2 + 4 + 7}). Each method is represented by 2 to the x value:

1 = Method 1  
2 = Method 2  
4 = Method 3  
8 = Method 4  
16 = Method 5

#### /DT[+-]

Use Local Detection: Detect source file open events that occur locally. Changes will be detected in Real-Time as source files are opened. Files opened prior to PeerLock running will not be detected. This option is disabled by default.

Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.

#### /DN[+-]

File Server Mode Detection: Detect source file open events that occur across the network. It will not do real time detection as the Local Detection mode. It will poll opened files from the Windows Open Files list based on the [Lock Frequency](#). Therefore it will be able to detect files that were opened prior to PeerLock being started. This option is enabled by default.

Note: Starting with version 3.0, PeerLock supports File Server Mode Detection only.

#### Examples:

/DC-E+P+D+L+I-O-S+M15

Default Settings on servers

/DC-E-P-D-L-I-O-M31

All Options Off and All Detection Methods On

## Release Options

#### /RS[+-]

Trigger Event: This option will check to see if the source file has been updated by looking at the current modified date/time stamp versus the stored modified date/time stamp. If the file has been updated PeerLock will trigger an event to be detected by synchronization products to update the corresponding target file(s) with the updated source file upon release from the [Lock List](#).

#### /RA[+-]

Wait for Associated Application to Close: This option will check to see if the application that opened the source file is still running before releasing the corresponding target file(s) from the [Lock List](#). This option is useful when an application does not retain a handle on the files that are opened by itself. When this option is enabled, the target files will not be released until all instances of the application terminate. By default some application names are excluded from this check (i.e. Explorer.exe). The default exclusion list for this option can be modified by editing the configuration file (PLDef.cfg).

/RF:n

Release Frequency (n = frequency in milliseconds): Sets the frequency to check for source files that have been closed or released. The default is every 3000 milliseconds or 3 seconds.

/RI:n

Set Release Idle Time: Represents the interval, in seconds, of how long the target file will remain locked once the source file has been released. When the source file is closed PeerLock will wait n seconds before releasing the target file. During this period the file entry in the [Locked](#) list will be highlighted Yellow. This feature is intended to protect the releasing of files during file opens and saves. Certain applications may temporary release files during these procedures. With this feature enabled PeerLock will wait the set period of time to make sure the file is fully released before unlocking the corresponding target files. Once an item is released it will be added to the [Release](#) list. The default value is 5 seconds.

/RT+

Trigger Event - Include files that have not been updated: This option will allow for triggering of files that may have been open but not updated. By default this setting is disabled.

/RL:n

Set Lock Frequency: Represents the interval, in milliseconds, of how often PeerLock will check for locked source files. Once PeerLock detects that a source file is locked it will lock the corresponding target files. Default value is 1000 ms.

## Examples:

/RS+A-F3000

Trigger Event On, Wait for Associated Application to Close Off and Check for Released Files every 3 Seconds (Default)

/RS-A+F1000

Trigger Event Off, Wait for Associated Application to Close On and Check for Released Files every 1 Second

## Performance

/PF:n

Service Thread Sleep Frequency: Represents the sleep frequency value, in milliseconds, of the main service thread. The higher the frequency the more CPU will be used. By default this value is 50 ms. To achieve faster PeerLock response rate, increase the Sleep Frequency and decrease the Sleep Value. To achieve lower CPU usage, decrease the Sleep Frequency and increase the Sleep Value.

/PR:n

Retry Failed Connections (n = frequency in milliseconds): PeerLock will store failed connections and retry them on a ten minute cycle. This should improve overall performance when connection losses occur.

## Examples:

If n = 0

Will check connection failures and not retry until restarting the locking.

If n = -1

Will try to connect on every event. Only

If n = other positive value	<p>recommended to use when having intermitted connection failures. Represents in milliseconds the retry frequency. Default is 60000 ms = every 10 minutes Minimum value is 1000 ms = every 1 second</p>						
<p><u>/PV:n</u> Service Thread Sleep Value: Represents the sleep value, in milliseconds, of the main service thread. By default this value is 25 ms. To achieve faster PeerLock response rate, increase the Sleep Frequency and decrease the Sleep Value. To achieve lower CPU usage, decrease the Sleep Frequency and increase the Sleep Value.</p>							
<p>Examples:</p> <table border="0"> <tr> <td data-bbox="331 646 412 678">/PF50</td> <td data-bbox="862 646 1349 678">Default Service Thread Sleep Frequency</td> </tr> <tr> <td data-bbox="331 680 412 711">/PV25</td> <td data-bbox="862 680 1289 711">Default Service Thread Sleep Value</td> </tr> <tr> <td data-bbox="331 714 461 745">/PR60000</td> <td data-bbox="862 714 1333 745">Default Retry Failed Connections setting</td> </tr> </table>		/PF50	Default Service Thread Sleep Frequency	/PV25	Default Service Thread Sleep Value	/PR60000	Default Retry Failed Connections setting
/PF50	Default Service Thread Sleep Frequency						
/PV25	Default Service Thread Sleep Value						
/PR60000	Default Retry Failed Connections setting						

### Internal File Management

<p><u>/JL[+-]</u> Cache Locked File History: Maintains a list of all the files locked by PeerLock in the PeerLock installation folder (...PeerLock\Cache\LFCache.txt). If the Clear Cache at start option is enabled, at the start-up of PeerLock, it will refer to this list to clean up the stub files and lock files left behind on the target folder. Alternatively this can be done manually by hitting the clear cache button. This setting is enabled by default.</p>
<p><u>/JS[+-]</u> Clear Cache At Start: Clears out the cache file located in the Cache folder in the PeerLock installation folder when PeerLock is starting and begins to lock files down. This setting is enabled by default.</p>

### Application Include/Exclude

<p><u>/I:a1;a2..an</u> Include Applications** (a = Applications to Include during Detection): This argument is used to build a list of applications to Include during detection. For multiple applications use a semi-colon delimiter. By default all applications are included. This can also be configured from the interface via the <a href="#">Application Include/Exclude Lists</a>.</p>					
<p>Examples:</p> <table border="0"> <tr> <td data-bbox="331 1593 370 1625">/I:*</td> <td data-bbox="862 1593 1393 1656">Include detection of file opens from all applications</td> </tr> <tr> <td data-bbox="331 1659 740 1690">/I:WINWORD.EXE;EXCEL.EXE</td> <td data-bbox="862 1659 1393 1722">Include detection of file opens from MS Word and MS Excel</td> </tr> </table>		/I:*	Include detection of file opens from all applications	/I:WINWORD.EXE;EXCEL.EXE	Include detection of file opens from MS Word and MS Excel
/I:*	Include detection of file opens from all applications				
/I:WINWORD.EXE;EXCEL.EXE	Include detection of file opens from MS Word and MS Excel				
<p><u>/E:a1;a2..an</u> Exclude Applications** (a = Applications to Exclude during Detection): This argument is used to build a list of applications to Exclude during detection. For multiple applications use a semi-colon delimiter. By default a list of applications are excluded including Explorer, PeerLock, PeerSync and Save-N-Sync. This can also be configured</p>					

from the interface via the [Application Include/Exclude Lists](#).

Examples:

/E:	Do not exclude any applications
/E:EXPLORER.EXE;PeerLock.EXE	Only exclude PeerLock and PeerSync

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Most of these options can be set from the interface via the [Main Menu](#).
3. \* The run minimized argument is not available during evaluation.
4. \*\* By Observing at the [Lock List Application Column](#) you can determine what applications you may want to Include or Exclude.

## 1.9 Product Information

### 1.9.1 Product Editions/Licensing

Product Information	
Features	<ul style="list-style-type: none"> <li>• Will run on Servers</li> <li>• Allows up to 255 <a href="#">Source Selections</a></li> <li>• Allows up to 100 <a href="#">Targets per Source Selection</a></li> <li>• Can <a href="#">Run as a Service</a></li> <li>• Feature to <a href="#">Create/View and Close Folder Selections</a> in MS Windows Explorer</li> </ul>
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Note: Peer Software is quite flexible in assembling different combinations of option packages than the ones listed here for enterprise installations with customers' requirements in mind. Please contact us for such requests and for more detail of the PeerLock option packages that are available.

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# Index

## - # -

- #Locks (Locked List Columns) 27
- #Locks (Release List Columns) 28

## - / -

- /A (Auto Start) 33
- /AM (Minimized) 33
- /DC (Check For File Name In Caption) 33
- /DD (Detect Files when Target Does Not Exist) 33
- /DE (Strip File Extension) 33
- /DI (Interact with PeerSync and/or Save-N-Sync) 33
- /DJ (Interact with Remote PeerLocks) 33
- /DL (Allow Access based on Source File) 33
- /DL (Allow No Access) 33
- /DL (Allow Read Access) 33
- /DM (Set Detection Method Level) 33
- /DN (File Server Mode Detection) 33
- /DO (Check for File Open On Detection) 33
- /DP (Strip File Path) 33
- /DS (Use File Server Mode Detection) 33
- /DT (Use Local Detection) 33
- /E (Exclude Applications) 33
- /I (Include Applications) 33
- /JL (Cache Locked File History) 33
- /JS (Clear Cache At Start) 33
- /PF (Service Thread Sleep Frequency) 33
- /PR (Retry Failed Connections) 33
- /PV (Service Thread Sleep Value) 33
- /RA (Wait for Associated Application to Close) 33
- /RF (Release Frequency) 33
- /RI (Set Release Idle Time) 33
- /RL (Set Lock Frequency) 33
- /RS (Trigger Event) 33
- /RT (Trigger Event) 33

## - A -

- About PeerLock (Menu) 3
- Accessed By (Locked List Columns) 27
- Accessed By (Release List Columns) 28
- Action Menu: 3

- Add Selection 3
- Auto Start 3
- Delete Selection 3
- Release All Locks 3
- Selections 3
- Start 3
- Stop 3
- Update Selection 3
- Active Lock Count (Status Bar) 31
- Add (Selection List Popup Menu) 15
- Add Application to Application Exclude List (Lock/Release Popup Menu) 30
- Add Selection (Dialog): 8
  - Include Sub-Folders 8
  - Source Selection 8
  - Target Selection 8
- Add Selection (Menu) 3
- Add Selection (Status Bar) 7
- Add To Desktop (Menu) 3
- Add to Desktop (Shortcuts) 32
- Add To Startup Folder (Menu) 3
- Add to Startup Folder (Shortcuts) 32
- Agreement 38
- All Global Options... (Menu) 3
- Allow Access Based on Source File (Lock Options) 16
- Allow No Access (Lock Options) 16
- Allow Read Access (Lock Options) 16
- Alternate Configuration File 32
- Application (Locked List Columns) 27
- Application (Release List Columns) 28
- Application Include/Exclude (Dialog): 22
  - Exclude 22
  - Include 22
- Application Include/Exclude Lists... (Lock/Release Popup Menu) 30
- Application Include/Exclude Lists... (Menu) 3
- Application Priority Selection (Performance) 19
- Arguments 33
- Auto Display (Message Dialog) 14
- Auto Start (Menu) 3

## - C -

- Cache Locked File History 24
- Center Status Display (Status Bar) 31
- Check for locked source files every x second(s) (Lock Options) 16

Check for released source files every x second(s)  
 (Release Options) 18  
 Clear (Reporting) 25  
 Clear Cache at Start 24  
 Clear Log File (Menu) 3  
 Clear Message List (Message Dialog) 14  
 Clear/View Folders (Menu) 3  
 Close All Folders (Menu) 3  
 Close Folder Selections 38  
 Close Message Display (Message Dialog) 14  
 Command Line Arguments 33  
 Configuration File 32  
 Connect As (Network Logon) 13  
 Contact 1  
 Copyright 38  
 Count (Performance) 19  
 CPU 33  
 Create System Info File on the Desktop... (Menu) 3  
 Create/View Folder Selections 38

## - D -

Delete (Selection List Popup Menu) 15  
 Delete Selection (Menu) 3  
 Delete Selection (Status Bar) 7  
 Detection Options... (Menu) 3  
 Detection Type (Locked List Columns) 27  
 Detection Type (Release List Columns) 28  
 Duration (Locked List Columns) 27  
 Duration (Release List Columns) 28

## - E -

Editions 38  
 Evaluation Menu:  
   About PeerLock 3  
   Register PeerLock 3  
 Event Detection (Menu) 3  
 Event Detection Status (Menu) 3  
 Event Thread Settings (Performance) 19  
 Event Thread Settings: 19  
   Set Access Event Thread Count (Performance)  
   19  
   Set Access Event Thread Timeout (Performance)  
   19  
   Thread Count (Performance) 19  
   Thread Timeout (Performance) 19  
 Exceptions (Dialog): 12

Exclude Files 12  
 Exclude Folders 12  
 Include Files 12  
 Exclude (Application) 22  
 Exclude (Selection List Columns) 6  
 Exclude Files (Exceptions Dialog) 12  
 Exclude Folders (Exceptions Dialog) 12  
 Exit (Menu) 3

## - F -

Features by Product 38  
 File Menu (Message Dialog): 14  
   Close Message Display 14  
   Terminate Application 14  
 File Menu: 3  
   Add To Desktop (Shortcuts) 3  
   Add To Startup Folder (Shortcuts) 3  
   Exit 3  
   Install Service 3  
   Save Defaults 3  
   Service 3  
   Shortcuts: 3  
   Show Services 3  
   Show Startup Folder (Shortcuts) 3  
   Uninstall Service 3  
 Folders (Menu) 3  
 Folders (Selection List Popup Menu) 15

## - G -

Getting Started:  
   Contact 1  
   How It Works 1  
   Installation 1  
   Registration 1  
   Support 1  
   Upgrade 1

## - H -

Help (Toolbar) 6  
 Help Menu: 3  
   About PeerLock 3  
   Create System Info File on the Desktop... 3  
   Online Resources 3  
   PeerLock Help 3

Help Menu: 3  
 Register 3  
 How It Works 1

## - I -

Idle Time (Locked List Columns) 27  
 Idle Time (Release List Columns) 28  
 Include (Application) 22  
 Include (Selection List Columns) 6  
 Include Files (Exceptions Dialog) 12  
 Include files that have not been updated (Release Options) 18  
 Include Manually Released Files (Release Options) 18  
 Include Sub-Folders (Add Selection Dialog) 8  
 Include Sub-Folders (Update Selection Dialog) 10  
 Install Service (Menu) 3  
 Installation 1  
 Interact with PeerSync and/or Save-N-Sync 21  
 Interact with Remote PeerLocks 21  
 Internal File Management (Dialog): 24  
   Cache Locked File History 24  
   Clear Cache at Start 24  
 Internal File Management... (Menu) 3

## - L -

License 38  
 Licensing 38  
 Limitations of Liability 38  
 Local Detection Pre Release Options: 18  
   Wait for Associated Application to Close 18  
 Lock File Handle (Locked List Columns) 27  
 Lock File Handle (Release List Columns) 28  
 Lock Frequency: 16  
   Check for locked source files every x second(s) 16  
 Lock List Status (Menu) 3  
 Lock Options (Dialog): 16  
   Allow Access Based on Source File 16  
   Allow No Access 16  
   Allow Read Access 16  
   Check for locked source files every x second(s) 16  
 Lock Options... (Menu) 3  
 Lock Type to Apply to Target: 16  
   Allow Access Based on Source File 16

Allow No Access 16  
 Allow Read Access 16  
 Lock/Release Popup Menu: 30  
   Add Application to Application Exclude List 30  
   Application Include/Exclude Lists... 30  
   Log File 30  
   Messages... 30  
   Release All Locks 30  
   Release: file 30  
   Select Columns.... 30  
 Locked (Locked List Columns) 27  
 Locked List: 27  
   #Locks 27  
   Accessed By 27  
   Application 27  
   Detection Type 27  
   Duration 27  
   Idle Time 27  
   Lock File Handle 27  
   Locked 27  
   Release Detected 27  
   Source Access Allowed 27  
   Source Attributes 27  
   Source File Path 27  
   Source Handle 27  
   Source Modified 27  
   Source Open Mode 27  
   Target Access Allowed 27  
   Target File Path 27  
   Target Handle 27  
   Target Open Mode 27  
   Temporary Releases 27  
 Locked(Release List Columns) 28  
 Log File (Lock/Release Popup Menu) 30  
 Log File (Menu) 3  
 Log File [View/Clear] (Message Dialog) 14  
 Logon Settings 13

## - M -

Max Count (Message Dialog) 14  
 Menu: 3  
   Action 3  
   Evaluation 3  
   File 3  
   Help 3  
   Options 3  
   View 3

Message Count (Message Dialog) 14  
 Message Dialog: 14  
   File 14  
   Max Count 14  
   Message Count 14  
   Options 14  
 Messages (Status Bar) 31  
 Messages... (Lock/Release Popup Menu) 30  
 Messages... (Menu) 3

## - N -

Network Logon: 13  
   Connect As 13  
   Password 13

## - O -

Online Resources (Menu) 3  
 Options (Toolbar) 6  
 Options Menu (Message Dialog): 14  
   Auto Display 14  
   Clear Message List 14  
   Log File [View/Clear] 14  
   Show Application 14  
   Show Icon on Tray 14  
 Options Menu: 3  
   All Global Options... 3  
   Application Include/Exclude Lists... 3  
   Detection Options... 3  
   Internal File Management... 3  
   Lock Options... 3  
   Product Interaction... 3  
   Release Options... 3  
   Reporting... 3

## - P -

Password (Network Logon) 13  
 PeerLock Help (Menu) 3  
 Performance 33  
 Performance (Dialog): 19  
   Application Priority Selection 19  
   Count 19  
   Event Thread Settings 19  
   Set Access Event Thread Count 19  
   Set Access Event Thread Timeout 19

Thread Count 19  
 Thread Timeout 19  
 Timeout 19  
 PLDef.cfg 32  
 Post Release Options: 18  
   Include files that have not been updated 18  
   Include Manually Released Files 18  
   Reapply Source Modified Time 18  
   Trigger Event on Release of Files 18  
   Update Source Modified Time 18  
 Pre Release Options: 18  
   Set Idle time before releasing files to x second(s)  
   18  
 Product Editions 38  
 Product Features by Edition 38  
 Product Interaction (Dialog): 21  
   Interact with PeerSync and/or Save-N-Sync 21  
   Interact with Remote PeerLocks 21  
 Product Interaction... (Menu) 3  
 Product Licensing 38

## - R -

Reapply Source Modified Time (Release Options)  
 18  
 Register (Menu) 3  
 Register PeerLock (Menu) 3  
 Registration 1  
 Release All Locks (Lock/Release Popup Menu) 30  
 Release All Locks (Menu) 3  
 Release Detected (Locked List Columns) 27  
 Release Detected (Release List Columns) 28  
 Release Frequency: 18  
   Check for released source files every x second(s)  
   18  
 Release List: 28  
   #Locks 28  
   Accessed By 28  
   Application 28  
   Detection Type 28  
   Duration 28  
   Idle Time 28  
   Lock File Handle 28  
   Locked 28  
   Release Detected 28  
   Source Access Allowed 28  
   Source Attributes 28  
   Source File Path 28

- Release List: 28
    - Source Handle 28
    - Source Modified 28
    - Source Open Mode 28
    - Target Access Allowed 28
    - Target File Path 28
    - Target Handle 28
    - Target Open Mode 28
    - Temporary Releases 28
  - Release Options (Dialog): 18
    - Check for released source files every x second(s) 18
    - Include files that have not been updated 18
    - Include Manually Released Files 18
    - Reapply Source Modified Time 18
    - Set Idle time before releasing files to x second(s) 18
    - Trigger Event on Release of Files 18
    - Update Source Modified Time 18
    - Wait for Associated Application to Close 18
  - Release Options... (Menu) 3
  - Release: file (Lock/Release Popup Menu) 30
  - Remote Source Selections 38
  - Reporting (Dialog): 25
    - Clear 25
    - Set Maximum Log File Size to x Bytes 25
    - Set Number of Backup Files to x 25
    - View 25
  - Reporting... (Menu) 3
  - Run as a Service 38
- S -**
- Save (Toolbar) 6
  - Save Defaults (Menu) 3
  - Select Columns... (Selection List Popup Menu) 15
  - Select Columns.... (Lock/Release Popup Menu) 30
  - Selection Count Status (Status Bar) 7
  - Selection Limits 38
  - Selection List (Menu) 3
  - Selection List (Overview) 6
    - Exclude 6
    - Include 6
    - Source 6
    - Source Connect As 6
    - Sub-Folders 6
    - Target 6
    - Target Connect As 6
  - Selection List (Status Bar) 7
  - Selection List Popup Menu: 15
    - Add 15
    - Delete 15
    - Folders 15
    - Select Columns... 15
    - Update 15
  - Selection List Status (Menu) 3
  - Selections (Menu) 3
  - Service (Menu) 3
  - Service Options 38
  - Set Access Event Thread Count (Performance) 19
  - Set Access Event Thread Timeout (Performance) 19
  - Set Idle time before releasing files to x second(s) (Release Options) 18
  - Set Maximum Log File Size to x Bytes (Reporting) 25
  - Set Number of Backup Files to x (Reporting) 25
  - Shortcuts (Menu) 3
  - Shortcuts: 32
    - Add to Desktop 32
    - Add to Startup Folder 32
    - Show Startup Folder 32
  - Show Application (Message Dialog) 14
  - Show Icon on Tray (Message Dialog) 14
  - Show Services (Menu) 3
  - Show Startup Folder (Menu) 3
  - Show Startup Folder (Shortcuts) 32
  - Sleep Frequency 33
  - Sleep Value 33
  - Source (Add Selection Dialog) 8
  - Source (Selection List Columns) 6
  - Source (Update Selection Dialog) 10
  - Source Access Allowed (Locked List Columns) 27
  - Source Access Allowed (Release List Columns) 28
  - Source Attributes (Locked List Columns) 27
  - Source Attributes (Release List Columns) 28
  - Source Connect As (Selection List Columns) 6
  - Source File Path (Locked List Columns) 27
  - Source File Path (Release List Columns) 28
  - Source Folder Selection Limits 38
  - Source Handle (Locked List Columns) 27
  - Source Handle (Release List Columns) 28
  - Source Modified (Locked List Columns) 27
  - Source Modified (Release List Columns) 28
  - Source Open Mode (Locked List Columns) 27
  - Source Open Mode (Release List Columns) 28
  - Start (Menu) 3

Start (Toolbar) 6  
 Status Bar: 7, 31  
     Active Lock Count 31  
     Add 7  
     Center Status Display 31  
     Delete 7  
     Messages 31  
     Selection Count Status 7  
     Update 7  
 Status Bars (Menu) 3  
 Stop (Menu) 3  
 Stop (Toolbar) 6  
 Sub-Folders (Selection List Columns) 6  
 Support 1

## - T -

Target (Add Selection Dialog) 8  
 Target (Selection List Columns) 6  
 Target (Update Selection Dialog) 10  
 Target Access Allowed (Locked List Columns) 27  
 Target Access Allowed (Release List Columns) 28  
 Target Connect As (Selection List Columns) 6  
 Target File Path (Locked List Columns) 27  
 Target File Path (Release List Columns) 28  
 Target Folder Selection Limits 38  
 Target Handle (Locked List Columns) 27  
 Target Handle (Release List Columns) 28  
 Target Open Mode (Locked List Columns) 27  
 Target Open Mode (Release List Columns) 28  
 Temporary Releases (Locked List Columns) 27  
 Temporary Releases (Release List Columns) 28  
 Terminate Application (Message Dialog) 14  
 Terms and Trial Period 38  
 Thread Count (Performance) 19  
 Thread Timeout (Performance) 19  
 Timeout (Performance) 19  
 Toolbar (Menu) 3  
 Toolbar: 6  
     Options 6  
     Save 6  
     Start 6  
     Stop 6  
 Tray Icon (Menu) 3  
 Trigger Event on Release of Files (Release Options) 18

## - U -

Uninstall Service (Menu) 3  
 Update (Selection List Popup Menu) 15  
 Update Selection (Menu) 3  
 Update Selection (Status Bar) 7  
 Update Selection Dialog: 10  
     Include Sub-Folders 10  
     Source Selection 10  
     Target Selection 10  
 Update Source Modified Time (Release Options) 18  
 Upgrade 1  
 Use Skins (Menu) 3

## - V -

View (Reporting) 25  
 View Folder Selections 38  
 View Log File (Menu) 3  
 View Menu: 3  
     Clear Log File 3  
     Clear/View Folders 3  
     Close All Folders 3  
     Event Detection 3  
     Event Detection Status 3  
     Folders 3  
     Lock List Status 3  
     Log File 3  
     Messages... 3  
     Selection List 3  
     Selection List Status 3  
     Status Bars 3  
     Toolbar 3  
     Tray Icon 3  
     Use Skins 3  
     View Log File 3

## - W -

Wait for Associated Application to Close (Release Options) 18