



PeerSync Help Manual

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PeerSync Help

Welcome to Peer Software, Inc. Folder Synchronization Utility Software, PeerSync v7.3. With this utility you will be able to conveniently synchronize folders for back-up purposes or portability requirements. Never again will you overwrite newer data by attempting to manually update an individual file or the contents of a folder.

History

PeerSync has been available for download/purchase since early 1995. Since then hundreds of downloads have been logged from various international forums where PeerSync was made available and thousands of copies have been sold. PeerSync is an MS Windows-based product. Originally written in Visual Basic, the current product is written in Delphi Object Pascal. PeerSync originated as a solution to a problem frequently encountered by our own developers, that of keeping files in sync between multiple hard drives. Developers working on-site at customers' locations or at home during crunch schedules would then have to synchronize their data back to the office server. This was most often done manually, with each individual file being dragged to the appropriate server folder. Invariably, data would be lost when one or several of the server files contained new information which was subsequently overwritten. In addition to loss of work and resulting frustration, the process was also time consuming. Anywhere from 20 minutes to 2 hours would be spent during each synchronization. After reviewing several commercially available products, it became apparent that an effective and user-friendly solution to this common problem did not exist, hence the development of PeerSync.

Description

Configured through the Profiler, an intuitive and easy-to-use application, PeerSync automatically synchronizes multiple directories and sub-directories from user-defined Source to Target Folders. While removing the frustration and loss of time associated with manual synchronization, PeerSync prevents loss of data by checking file dates and times to ensure that newer information is not overwritten. Synchronization can occur between any mapped or UNC connected drives located on local computers or computer networks. While processing and performing any number of simultaneous tasks, PeerSync retains and expands upon the selectivity and precision of manual synchronization by offering a suite of automated file inclusion and exclusion features. Files can be included within synchronization according to standard DOS-type wild cards and excluded using sub-string comparisons or file attribute settings. Files can also be excluded according to their date and size. In addition, PeerSync can be configured to update or add files which are out-dated or non-existent in the current Target Folder. Precision and scope are further enhanced through PeerSync Jobs and Command Line Modes. A virtually unlimited number of folder combinations (Jobs) can be created and stored in Profiles which can be run manually or automatically using command line arguments. While synchronizing large numbers of folder combinations at once, each combination can have a unique set of exceptions. In this way PeerSync combines the benefits of precise folder matching with that of an automated environment. Real-Time Source Folder monitoring and repetitive operations on the host PC are also available with PeerSync's options. PeerSync can also be used for network file management purposes. Reports run during synchronization can display added, updated, and opened files as well as directories created, and can display unmatched files found in Target directories.

The manufacturer of PeerSync makes no warranties, implied or otherwise, for use of this product. User assumes all responsibility for any data loss or damage.

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PeerSync Help Manual was built on Monday, November 06, 2006

Product Information

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PeerSync Installation

PeerSync is shipped (downloaded) in a full installation program. To run, simply double-click on the executable in the Explorer window, or choose "Run" from the Start Menu and then select the application. For networked installations, PeerSync supports silent installation by adding "/S" to the installation application's command line.

Example: %PATH%/ps73.exe/S

See [Additional Configuration Entries](#) for more Information on silent installation configuration.

Additionally, PeerSync can use the PeerSync73.lic file for larger networked sales and site licensing. This file will be placed in the "PeerSync" folder. If PeerSync detects this file at startup then it will use this data and bypass all other registration security checks. If the PeerSync73.lic file is located in the same folder as the PeerSync installation application, this file will then be automatically placed in the PeerSync installation folder during installation. To obtain a PeerSync73.lic file, please specify your requirements during purchase/registration.

Additional Configuration Entries

PeerSync and the PeerSync installation (ps73.exe) use a configuration file (PSDef.cfg) to read and set options during and after installation. If a PSDef.cfg file is located in the same folder as ps73.exe before installation, this file will be automatically copied to the PeerSync installation folder during install.

Pre-Installation Configuration Options

The following options are available before installation and are used during [manual and silent installs](#):

Installation Folder: This option can be set to any directory path and designates what directory to install PeerSync into.

Disable Install Reboot: This option can be set to 'Yes' or 'No' and allows you to suppress the rebooting (if needed) of your computer after installation.

Install PSProfiler: This option can be set to 'Yes' or 'No' and allows you to decide if the PSProfiler interface is to be installed.

Install PSWizard: This option can be set to 'Yes' or 'No' and allows you to decide if the PS Wizard interface is to be installed.

Install PSObserver: This option can be set to 'Yes' or 'No' and allows you to decide if the PS Observer interface is to be installed.

Install SNMP: This option can be set to 'Yes' or 'No' and allows you to decide if files needed for SNMP are to be installed (SNMP is only available in the [Enhanced Package](#)).

Install EOFM: This option can be set to 'Yes' or 'No' and allows you to decide if files needed for EOFM are to be installed (EOFM is only available with the [Enhanced Package](#)).

Example (PSDef.cfg format):

```
[Application Options]
Installation Folder= C:\Program Files\PeerSync
Disable Install Reboot=No
Install PSProfiler=Yes
Install PSWizard=Yes
Install PSObserver=Yes
Install SNMP=Yes
Install EOFM=No
```

Post Installation Configuration Options

The following options are used by PeerSync and other installed applications after install:

User Name: This is used to set the Registration or Evaluation information to be read in by PeerSync.

Company: This is used to set the Registration or Evaluation information to be read in by PeerSync.

Options: This is used to set the Registration or Evaluation information to be read in by PeerSync.

Password: This is used to set the Registration or Evaluation information to be read in by PeerSync.

TempFolder: This option can be set to any directory path and will be used for a temporary folder PeerSync to use. If the path does not exist, an attempt will be made to create it. If it cannot be created, the default will be used which is the logon users system Temp path.

Example (PSDef.cfg format):

```
[Application Options]
User Name=
Company Name=
Options=
Password=
[Misc Options]
TempFolder=C:\Temp
```

Registration and Passwords

If this is an unregistered or Evaluation Copy of PeerSync, 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). As an integral component of PeerSync 7.3 and all subsequent versions, the Profiler application is included as part of registration.

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

Register by phone via credit card by calling:

631.979.1770 between the hours of 9:00 AM to 5:00 PM EST

Register by FAX via Purchase Order:

Send Purchase orders to 631.979.1870

Register by mail, send check or money order to:

Peer Software, Inc.
4155 Veterans Highway, Suite 12
Ronkonkoma, NY 11779-6063

Information Required:

Full name (as it appears on the credit card)
End User Name (user to be licensed for the product)
Company Name (if applicable)
Address (City, State / Province, Country, and Postal Code)
Phone Number
Entire Card Number
Card Expiration Date
Card Security Code
Email Address
(Peer Software, Inc. will send the Authorization Key required to unlock PeerSync's Evaluation Counter to this).

Quantity Discounts

Visit <http://www.peersoftware.com> or contact us for more information.

Upon registering PeerSync, user information will be generated according to the name and company name (if any) you specified during registration, as well as a password specific to the product version you have licensed. This information will be emailed to you and will be used to activate your current copy. Additional license fees must be paid for multi-user use.

PeerSync may not be commercially distributed or distributed by government agencies including their contractors UNLESS registration fees are paid for by the distributing party.

See [License](#) agreement for product redistribution.

Please visit <http://www.peersoftware.com> for different versions of PeerSync and types of licensing we offer.

Note Regarding Updates: As new updates/changes become available, updated versions of the software will be posted at <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 PeerSync is installed in a different folder than the previously installed/authorized version.

Entering Your User Information and Password**Through an Evaluation Copy of PeerSync:**

After registration with Peer Software, Inc., you will receive Registration Information generated which is from the information you provided during registration. The password you receive will be specific to the PeerSync product you have licensed and registered with Peer Software. Upon entering valid password and user information into your Evaluation Copy, that copy will be immediately converted to a fully licensed version of the appropriate PeerSync product. The instructions below apply to a "Registered Evaluation Copy" of PeerSync, that being one whose evaluation period is still active.

To activate your registered and licensed PeerSync product, first run your Evaluation Copy of PeerSync. Then choose "About" from the [Help Menu](#) located on the far right of the Profiler Menu Bar. To activate your registered and licensed PeerSync product, first run your Evaluation Copy of PeerSync. Then choose "About" from the [Help Menu](#)

Located on the far right of the Profiler Menu Bar. This opens the About PeerSync screen, which contains "User Name," "Company", "Options" and "Password" fields.

Be sure to enter this information exactly as you received it, with the same spacing, hyphenation, punctuation, and cases (i.e. if a comma or period contained within a company name is omitted, registration will not be accepted). It is advisable to cut-and-paste passwords directly from the E-mail registration information. If passwords are typed using lower case letters where upper cases have been indicated, or if other information is typed incorrectly, the message shown below will be displayed. This message indicates that registration was unsuccessful; shows the number of attempts made to register, and contains' a link to Peer Software's website. You will only be allowed a limited number of attempts before the application closes entirely and will need to be opened again in order to retry.

If registration is successful, you will receive a success dialog. Your Evaluation Copy will have been immediately activated as a registered version of the PeerSync product you have licensed, with this change indicated on the interface title bar. Click "OK" on the success dialog to begin usage of your newly activated PeerSync product. You will not have to exit and restart the application to do so.

Through an Unregistered Copy of PeerSync:

Unregistered copies of PeerSync are Evaluation Copies whose evaluation period has expired, or copies into which a valid password and user information has not yet been entered. These copies can still be activated as fully licensed versions of whichever PeerSync product whose usage you have purchased from Peer Software, Inc.

After registration with Peer Software, you will receive Registration Information which is generated from the information you provided during registration. The password you receive will be specific to the PeerSync product you have licensed.

To activate your copy of PeerSync as a fully licensed version, first run the copy. Because your copy is unregistered, the application will not open in its entirety, instead an About PeerSync screen will open. This screen contains "User Name," "Company", "Options" and "Password" fields.

Be sure to enter this information exactly as you received it, with the same spacing, hyphenation, punctuation, and cases (i.e. if a comma or period contained within a company name is omitted, registration will not be accepted). It is advisable to cut-and-paste passwords directly from the Email registration information. If passwords are typed using lower case letters where upper cases have been indicated, or if other information is typed incorrectly, the message shown below will be displayed. This message indicates that registration was unsuccessful; shows the number of attempts made to register, and contains' a link to Peer Software's website. You will only be allowed a limited number of attempts before the application closes entirely and will need to be opened again in order to retry.

If registration is successful, you will receive a success dialog. Your copy will now have been immediately activated as a registered version of the PeerSync product you have licensed. Click "OK" on the success dialog to begin using your registered copy: the About PeerSync screen will close and the full application interface will be displayed. You will not have to exit and restart the application to begin usage.

TERMS AND CONDITIONS

READ THE [LICENSE](#) AGREEMENT BEFORE USING THIS PROGRAM.

Please send any suggestions, comments or requests for support to the proprietor of PeerSync:

Peer Software, Inc.
4155 Veterans Highway, Suite 12
Ronkonkoma, NY 11779-6063

Phone: 631.979.1770
Fax: 631.979.1870
Web: <http://www.peersoftware.com>

Upgrade Information

Visit http://www.peersoftware.com/software_download.asp to get the latest version of PeerSync.

To upgrade your software, double-click on the installation file (ps73.exe) in the Explorer window, or choose "Run" from the Start Menu and then select the application.

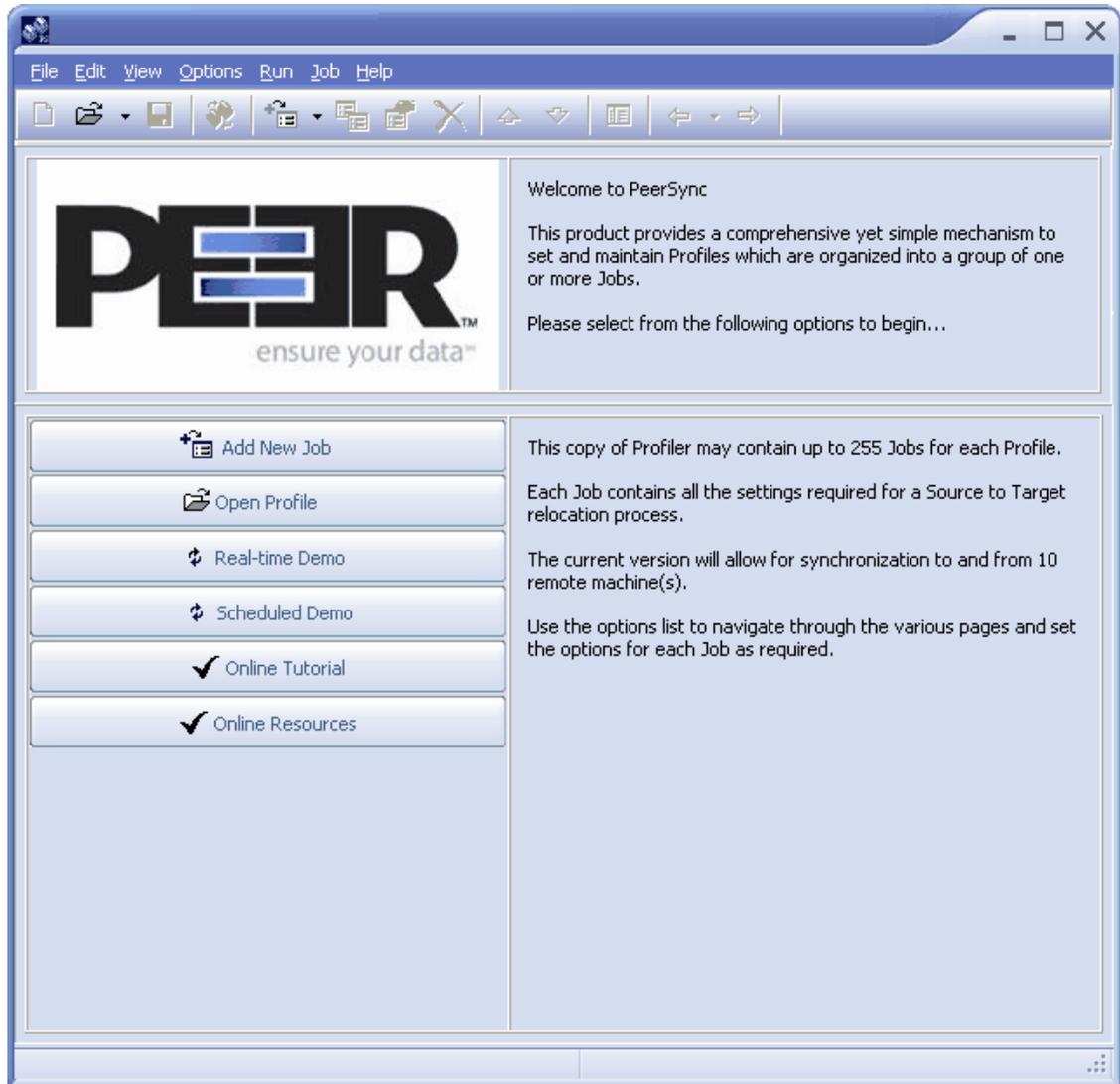
If you are upgrading the current version of PeerSync (7.3.x to 7.3.y) simply install the application over your existing PeerSync and the previous version will be backed up in a sub-folder called 'BACKUP' (if the option to keep a backup is selected during the installation).

If you are evaluating a new version of PeerSync 7.3 and you already have an existing copy of PeerSync 7.2 or older, please select a new directory during the installation.

If you wish to remove previous versions of PeerSync you must go to the 'Start Menu-Settings-Control Panel,' select the 'Add/Remove Programs' utility and remove the PeerSync versions you no longer need.

Help Guide

Interface/Features



The manufacturer of PeerSync makes no warranties, implied or otherwise, for use of this product. User assumes all responsibility for any data loss or damage.

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PeerSync Help Manual was built on Monday, November 06, 2006

1. Getting Started

The **Profiler** is used to create PeerSync Profiles. A Profile can contain as many as 255 individual synchronization tasks, or Jobs. A Job is defined by identifying a Source Folder, a Target Folder (to which the contents of the Source will be synchronized), and then choosing from more than 80

easily specified Job Settings. These settings determine which contents will be synchronized, in what manner, and when they will be synchronized -- according to your choice of Real-Time, Scheduled, or manually initiated operations.

The process of building a Profile is made quick and simple by allowing you to easily create Jobs and then follow the sequentially arranged list of Settings screens accessed through the [Selection Tree](#), which is located on the left side of the application interface. The user begins by first selecting a single Job or Multiple Jobs from the [Profile Job List](#). Then specific synchronization criteria is applied to the selected items using [Job Settings](#). Once synchronization criteria has been configured for each Job, Run/View Current Profile window is used to launch the entire Profile. By offering a Tool button Toolbar as well as separate [Selection Tree](#) and [Profile Job List](#) windows, Profiler's browser-based interface allows you to easily view, create, copy, rename, move, or delete Jobs regardless of which Settings screen is currently being displayed.

Product Definitions

Synchronization: Updating any existing files or adding new files in the Target Folder using the Source Folder as the guide. When completed, the Target Folder should contain all of the files in the Source Folder with matching content and time stamps.

Replication: Same as synchronization, except files that are in the Target Folder that do not have a matching Source File will be deleted.

Profiles: A Profile is a description of a complete synchronization scenario. Profiles can contain many Source-Target combinations allowing the end-user to define very detailed file synchronizations and run them all within a single request. For example, you could build a Profile that contains Multiple Source and Target Folders such as:

Source = C:\My Documents	Target = N:\USERS\TEST\My Documents
Source = D:\LocalData	Target = N:\USERS\TEST\LocalData
Source = C:\WINDOWS\Profiles	Target = N:\USERS\TEST\Profiles

Each of these Source-Target entries can then be further detailed with more than 65 options each making each entry a completely self-contained process while still allowing it to be run as part of a bigger set or Profile.

Jobs: A Job is a single entry in a Profile. A Profile can contain from one to 255 Jobs and each Job contains more than 80 individual option settings.

Real-time Mode: In this mode of operation, PeerSync will automatically detect changes made to the Source Folder(s) and execute the synchronization options selected for the matching Job. Typically, the Target Folder is updated with the Source Folder change within moments of the change. Note that PeerSync may have completed the operation before Windows actually displays the change in the Target Folder Explorer window.

Scheduled Mode: In this mode of operation, PeerSync will execute the designated Job at the selected time. Each Job in the Profile can have the same or different time interval.

Product Support: All support of PeerSync will be handled on our web site support page located at <http://www.peersoftware.com/support/index.asp>.

PeerSync is fully supported under all NT based platforms of Windows but should first be evaluated on each machine in which you wish to register the product on. PeerSync is no longer fully supported under Windows 9x platforms.

Note: For more information on the latest features and how to implement specific scenarios please go to our support page at: <http://www.peersoftware.com/support/index.asp>.

2. Menus

In addition to special options found only on the Profiler menu, menu items replicate the features accessed through the Profiler's [Tool Buttons](#). As a result, you can still access essential Profile and Job Settings even if you have chosen to hide the Tool buttons using the [View Menu](#).

File	
This menu includes items allowing you to create and save new Profiles, open existing Profiles, create Profile desktop shortcuts, and exit the application.	
New	Create a new Profile. This feature is accessible from the Tool Buttons Toolbar.
Open	Open an existing Profile. This feature is also accessible from the Tool Buttons Toolbar.
Reopen	Reopen a recently used Profile.
Save	Save the current Profile. This feature is also accessible from the Tool Buttons Toolbar.
Save as	Rename and Save the current Profile.
Profile - Revert to Saved	Revert to the last saved settings of the current Profile.
Profile - Merge Existing	Merge an existing Profile into the current Profile.
Profile - Create Shortcut on Desktop	Create and add a shortcut to PeerSync of the current Profile and settings/command line arguments to the desktop.
Profile - Save Defaults	Save the current settings of the Profile as the default settings.
Exit	Close/exit the application.

Edit	
Allows you to move one step up or down between Selection Tree options screens while providing a shortcut to the Run/View Current Profile Activity screen.	
Back	Move back to the previous screen. This feature is accessible from the Tool Buttons Toolbar.
Next	Move on to the next screen. This feature is also accessible from the Tool Buttons Toolbar.
Run/View Current Profile Activity	Go to the Run/View Current Profile Activity screen.

View	
Allows you to change the appearance of the application interface. "Hint" items enable or disable pop-up hints activated by passing the mouse pointer over interface features, as well as those displayed in the Status Bar located at the bottom of the application interface. In addition to a description of Profiler features, hints will identify command line arguments associated with those features (if any).	
Toolbars - Tool Buttons	Show/hide the Tool Buttons Toolbar.
Toolbars - Profile Description	Show/hide the Profile Description Toolbar.
Toolbars - with Hot Tracks	Show/hide the hot tracks features for the Toolbars.
Toolbars - with Text Labels	Show/hide description text labels for the Toolbars.
Selection Tree	Show/hide the Selection Tree left side panel. This feature is also accessible from the Tool Buttons Toolbar.
Refresh Current Profile Activity F5	Refresh Profile activity.
Status Bar	Show/hide the Status Bar at the bottom of the application.
Hints - on Application	Show/hide pop-up hints displayed on the application.
Hints - on Status Bar	Show/hide hints displayed on the Status Bar.
Folders	Allows for the ability to launch and display Source and Target Folder selections in organized Explorer windows in a set viewing area. This helps the user to view and/or validate the Source and Target Folder content before, after, and during synchronization. These features may be quite helpful during evaluation and when running and testing a newly modified Profile.
Job Groups* (Enhanced Package)	Similar to Microsoft's Multiple Document Interface (MDI), PeerSync now contains a multi-pane interface that allows the user to organize groups of Jobs (Source and Target pairs) by any convention necessary. User-specified tab controls allow quick transition from one group to another. The traditional Job list interface is still available for those who do not need the group panes.
Remote Control* (Enhanced Package)	Displays the Remote Control Dialog which allows for the ability to monitor PeerSync running as a service on the local machine and/or any instances of PeerSync running on machines that are connected to the local machine.
PSObserver	This will launch the PeerSync LAN Observer Utility (PS Observer) , if it is installed/available. This utility allows for the ability to monitor PeerSync activity across the LAN for the centralized viewing of all PeerSync activity on the network.
Profile Messages	Open the Profile Message Log file if it exists. The naming convention of the Message Log files is as follows: Profile.snc.log, where Profile represents the name of the current Profile.

Options	
Allows you to select options pertaining to the way PeerSync, the Profiler and the Wizard interact with each other and Windows Explorer.	
Use Wizard to Add Jobs	If selected, directs Profiler to open the Wizard application as an easier and simpler way to add new Jobs to a Profile. If not selected, the Add Job option will use the saved Job defaults. This feature is toggled on or off depending on which option was used the last time that a Job was added (with Defaults or with Wizard).
Create SNC extension association	If selected, creates an association of any file that has an SNC extension with the Profiler to be used as the default application to open these files. If not selected, the association of SNC files with the Profiler will be removed. This feature is also accessible from the Startup Services screen.
Add Quick-Sync Folder option to Explorer menu	If selected, will add our Quick-Sync feature to Windows Explorer. To access this feature, simply right-click on any folder in Explorer, or on your Desktop, and you will be able to sync the folder to selected Target Folder(s), add the Job to a Quick-Sync Profile that is stored out in memory, and administer the ability to modify/add to the Jobs using the Profiler. This feature is also accessible from the Startup Services screen.
On Profile Exit	This option allows for the ability to do one of the following when exiting the Profiler while it is connected to an Active Profile: Display Terminate Active Profile Dialog, Leave Active Profile Running, or Terminate Active Profile.
Global Settings	Displays various settings including Recovery/Offline Options, Performance Options, Reporting Options, Display Options, ACL Options, Bi-Directional Options, EOFM Options, and Current Command Line Arguments.

Run	
Allows you to Launch the Current Profile, Terminate the Active Profile and Update the Current Profile.	
Launch Current Profile	This feature will launch the current Profile (Job/Global settings) in PeerSync. During this process, an instance of PeerSync will be started with the current Profile as the first parameter and the arguments selected from the Options/Commands screen as the subsequent parameters. You can automate this process via a shortcut, through the startup folder, in the registry or as a service by selecting one of these features from the Startup Services screen. This feature is also accessible from the Tool Buttons Toolbar.
Terminate Active Profile	This option, when available, will allow a user to terminate an instance of PeerSync that contains an active Profile which is connected to the Profiler. This feature is also accessible from the Tool Buttons Toolbar.
Update Current Profile	This option, when available, will allow a user to update an instance of PeerSync with the current Profile opened in the Profiler.
Note: Because it is separate from the core software engine, the Profiler allows you to create and configure new Profiles while PeerSync runs Synchronization Operations at optimum efficiency. In both this Help file and on Profiler screens, "Current" refers to the Profile currently being configured but not yet launched, while "Active" most often refers to the Profile presently being run by the PeerSync engine.	
Pre-Sync Report	This executes a pre-sync report of the currently selected Jobs. During this process, files and folders will not be modified and persistent arguments set for the current Profile will be ignored. A report will be created and displayed with the work that would be performed if a synchronization was actually run. This feature may be quite helpful during evaluation and when running and testing a newly modified Profile. Pre-Sync Report options.

Job	
Allows you to manipulate Jobs within the current Profile. If "Allow Multiple Selection" has been checked on this menu, you will be able to select and apply settings to Multiple Jobs.	
Add - Job with Defaults	Creates and adds a Job to the current Profile using the saved Job defaults. This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Add - Job with Wizard	Opens the Wizard application that allows you to select a predetermined canned scenario and add it as a Job to the current Profile. This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Copy	Creates a duplicate copy of the currently selected Job and all of its settings. This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Rename	Allows for the renaming of the selected Job. This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Delete	Allows for the deletion of the currently selected Job(s). This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Clear All	This will close the current Profile allowing for the user to create a new Profile.
Move Up	Moves the currently selected Job up one in the list. This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Move Down	Moves the currently selected Job down one in the list. This feature is also accessible from the Tool Buttons Toolbar and the Profile Job List Pop-Up Menu.
Select All	This will select all of the Jobs.
Invert Selection	This will change the selected state of all the Jobs.
Allow Multiple Selection	Gives the ability to select and apply settings to Multiple Jobs.
Create Auto Job Name	This feature allows a simple way to generate meaningful Job names. When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.
Log File - View	Display the log file for the selected Job.
Log File - Clear	Clear the log file for the selected Job.
Message Log File - View	Display the message log file for the selected Job or profile.
Message Log File - Clear	Clear the message log file for the selected Job or Profile.
Save Defaults	Stores the currently selected Job Settings as the default for all subsequent newly added Jobs.

Help	
While allowing you to access Help files and the About screen, this menu also provides demonstrations of PeerSync's Real-Time Monitoring and Scheduled Operation modes.	
Demos	This option allows the user to instantly run either a Real-Time or Scheduled test Profile to demonstrate PeerSync's synchronization capabilities.
Web Site	This menu item will have many links back to our web site for product information, downloads, updates and support.
PeerSync Help	Will open the application help file to the contents section. You may also access specific parts of the help file for features you are currently observing by pressing 'F1' on your keyboard.
Register PeerSync	Will display the PeerSync Registration Screen to activate the PeerSync trial version or upgrade the current license.
License Information	Will display the different Product Editions and Licensing available for PeerSync. Will also display what the current edition has available as well as other useful information about the current package you are running.
About PeerSync	Will display an about screen, which contains information about the current PeerSync you are running.

Evaluation

Only displayed in evaluation copies of the software, this menu item will contain features that we believe are helpful to the user during evaluation such as demos, README files, and other evaluation oriented features.

View Popup Menu

Activated by right clicking on the application Menu, [Tool Buttons](#) Toolbar, [Profile Description](#) Toolbar, or the Status Bar, you can select many of the options available from the application [View Menu](#).

PeerSync Tray Icon Popup Menu	
Activated by right clicking on the application Menu, Tool Buttons Toolbar, Profile Description Toolbar, or the Status Bar, you can select many of the options available from the application View Menu .	
View Log File	Allows you to access, launch and view Log files in the default text editor for the current Profile.
View Message Log File	Allows you to access, launch and view the Message log file for the current Profile.
View Admin Folder	Allows you to access, launch and view Admin log file Folders in Explorer for the current Profile.
Open Source Folder	Allows you to access, launch and view Source Folders in Explorer for the current Profile.
Open Target Folder	Allows you to access, launch and view Target Folders in Explorer for the current Profile.
Show Status Display	This item will show the PeerSync Status Display dialog box during synchronization so the user can see activity, status, and other information while PeerSync is running. This feature is only available if the Display Status in the PeerSync feature was enabled for the current Profile.
Connect/Launch Profiler	This item will open the Profiler, if it is not already open, and send status messages to be displayed on the Run/View Current Profile Activity screen. This connection feature will only work if the Display Status in Profiler feature was enabled for the current Profile.
About PeerSync	Will display an about screen, that contains information about the current PeerSync you are running.
Exit PeerSync	Allows you to close/exit the current session of PeerSync.

* **Note:** Some features described on this page require the [Enhanced Package](#).

3. Tool Buttons

Profiler offers a simple set of browser-style Tool Buttons allowing you to easily modify the current Profile and its Jobs, regardless of which screen has been chosen from the [Selection Tree](#). These buttons can be hidden by unchecking the "Tool Buttons" option, accessed through the "Toolbars" item on the [View Menu](#). Even if this Toolbar has been hidden you will still be able to access its options by using the File, Edit, and Job Menus. You can also change the placement of these buttons by clicking on the left side of the Toolbar and dragging it to rest above or below the [Profile Description](#) Toolbar. The following descriptions are listed in the order in which they appear left to right on the Tool Buttons Toolbar and are all accessible via the application [Menus](#).

- New Profile:** Located on the far left of the Toolbar, this button creates a new Profile. If another Profile containing unsaved changes is currently open when this button is pressed, a dialog box will open asking you if you want to save changes to the current Profile before opening a new one (See Save Profile Button Below). If you choose "No," the new Profile will replace the current one and no changes will be saved.
- Note:** If the current Profile has not been previously saved and "No" is chosen, the entire Profile will be lost.
- Open Profile:** This button displays a "Select Profile File" dialog box allowing you to open an existing Profile. By default, it will open in the path in which PeerSync has been installed (i.e. C:\Program Files\PeerSync). Links to previously opened Profiles can be accessible through a drop-down list opened by clicking on the arrow key attached to this button.
- Save Profile:** This button allows you to save new Profiles, or save changes made to existing Profiles. If you are saving a new Profile, a "Save As" dialog box will open allowing you to name and store it as an .SNC file in your choice of folders, with "NewProfile" as the default name and the path in which PeerSync has been installed as the default directory. Profiles and Profile modifications must be saved in order to be subsequently accessible.
- Launch Current Profile:** This feature will launch the current Profile (Job/Global settings). During this process, an instance of PeerSync will be started with the current Profile as the first parameter and the arguments selected from the [Options/Commands](#) screen as the subsequent parameters. You can automate this process via a shortcut, through the startup folder, in the registry or as a service by selecting one of these features from the [StartUp Services](#) screen.
- Terminate Active Profile:** This option, when available, will allow a user to terminate an instance of PeerSync that contains an active Profile that is connected to the Profiler.
- Add Job:** This button adds a Job to the bottom of the current list (See [Profile Job List](#)). Jobs are named "New Job Item" and assigned a number by default. If you have selected "Use Wizard to Add New Jobs" from the [Options Menu](#), the Wizard application will open when this button is pressed. The Wizard provides a guided, step-by-step method for creating and configuring new Jobs. A drop-down list attached to this button also allows you to choose between "Add Job With Wizard" or "Add Job With Defaults" options. If the former is chosen, Wizard will open every time this button is pressed. If the latter is chosen, new Jobs added to the list through this button will be configured manually using [Selection Tree](#) screens. These Jobs will use whichever default settings are currently applied (See [Job Menu](#), "Save Defaults").
- Note:** The first time "Add Job With Wizard" is chosen from the drop-down list, the Wizard application will open. After that point Wizard will be launched by pressing the Add Job button.
- Copy Job:** Creates a copy of the currently selected Job and places it at the bottom of the [Profile Job List](#). Copies will be numbered by default and named after the original (i.e. "Copy 1 of My Syncs").
- Rename Job:** Allows you to rename the currently selected Job. Jobs can also be renamed manually by clicking on them after they have been highlighted.
- Delete Job:** Deletes the currently selected Job(s). When this button is pressed, a dialog box will open asking you to confirm deletion. Jobs can also be deleted by selecting them and then pressing the DELETE key on your keyboard.
- Move Job Up:** Moves the currently selected Job up one place within the [Profile Job List](#).
- Move Job Down:** Moves the currently selected Job down one place within the [Profile Job List](#).
- Show Selection** Shows or hides the [Selection Tree](#). If the Tree has been hidden, its space will

4. Profile Description

This field is located below the [Tool Buttons](#) Toolbar by default and displays a textual description of the current Profile. By default the description for an unsaved Profile will read "Profile Job List." Unless you enter a unique description into this field, a default description will be assigned upon saving the Profile; this default description will match the new Profile name.

Descriptions can be changed at any time; like all Profiler configurations, they must be saved prior to closing the Profile or application in order to be stored. You can change the placement of the Profile Description Toolbar by clicking on its left side and dragging it to rest above or below the Tool Buttons Toolbar. The Profile Description can also be hidden by unchecking the "Profile Description" option, accessed through the "Toolbars" item on the [View Menu](#).

5. Profile Job List

Located beneath the Toolbars, this window displays all Jobs associated with the current Profile. Use of this list is central to the Profile-building process; all configurations made on the [Job Settings](#) screens (accessed through the [Selection Tree](#)) will only be applied to those Jobs currently selected from this list.

To select a Job, highlight it using the left mouse button. The "Allow Multiple Selection" item must be checked on the [Job Menu](#) in order to select and have settings applied to Multiple Jobs. To select Multiple Adjacent Jobs, highlight the first Job, hold down the SHIFT key on your keyboard, and then highlight the last Job you wish to include. You can also hold down the SHIFT key and then use the up or down arrow keys on your keyboard. To select Multiple Nonadjacent Jobs, highlight the first Job, then hold down the CTRL key on your keyboard and click on each additional Job you wish to include. Once you have selected a Job or Jobs, move through the screens found on the [Selection Tree](#) and apply settings as desired. Highlighting on the selected Job(s) will appear gray as you move through these screens, indicating that any configured settings will only be applied to those selected Jobs.

The box appearing to the left of each Job must be checked in order for that Job to be included in the active Profile when launched. Although unchecked Jobs will not be processed upon launch, they will be saved within the Profile for future use and/or selection.

Upon creating a new Profile, an initial Job will be displayed bearing the name "New Job Item 1" by default (this applies to manual Job creation only). The first New Job added within an existing Profile will also bear this name. Successive Jobs will be named "New Job Item 2," "New Job Item 3," etc. Any selected Job can be renamed through the "Rename" [Tool Button](#), through items found on both the [Job Menu](#) and Profile Job List [Pop-Up Menu](#) described below, or manually by selecting it a second time using the left mouse button.

In both new and stored Profiles, you can navigate the Profile Job List as well as add, copy, delete, and navigate Jobs using the [Tool Buttons](#); using items from the [Job Menu](#), and by using items found on the Profile Job List [Pop-Up Menu](#) described below. You can also navigate the list and delete items using the DELETE and up and down arrow keys on your keyboard.

Note: In order to navigate or modify the Profile Job List, you must have first clicked somewhere within the Profile Job List window; this ensures that during configuration any options chosen from the [Selection Tree](#) screens are applied exclusively to the currently selected Job.

The height of the Profile Job List window can be changed by passing the mouse pointer over its bottom border until a double/Arrow cursor appears, then dragging the window to meet the desired size. At minimum size, only a single Job may be viewed. Adding a new Job while this view is in effect prompts display of up and down arrow buttons in the right side of the window. These buttons allow you to view different Jobs within the list.

Job List Pop-Up Menu	
Activated by right clicking on the Profile Job List, this menu duplicates the mostly used features found on the Job Menu while providing some additional items listed below.	
Synchronize Selected Jobs	This executes an immediate, non-persistent synchronization of the currently selected Jobs ("non-persistent" refers to a one-time sync process; "persistent" refers to ongoing sync operations such as Real-Time Monitoring or Scheduled Operations). During this process, persistent arguments set for the current Profile will be ignored. When the button is released, a confirmation dialog will be displayed indicating which Jobs have been selected from the active Profile and asking you to confirm synchronization through a "Yes" or "No" button. If "Yes" is selected, the synchronization will proceed. A message will always be displayed upon completion of this operation. Other sync operations allow you to choose whether or not such a message will be displayed.
Create Pre-Sync Report	This executes a pre-sync report of the currently selected Jobs. During this process, files and folders will not be modified and persistent arguments set for the current Profile will be ignored. A report will be created and displayed with the work that would be performed if a synchronization was actually run. This feature may be quite helpful during evaluation and when running and testing a newly modified Profile.
Log File - View	This menu item allows you to view Log reports by opening the file in a text editor. This feature is also accessible from the Reporting screen.
Log File - Clear	This menu item allows you to clear Log reports. This feature is also accessible from the Reporting screen.
Message Log File - View	This menu item allows you to view Message Log reports by opening the file in a text editor. This feature is also accessible from the View Menu item.
Message Log File - Clear	This menu item allows you to clear Message Log reports. This feature is also accessible from the View Menu item.
Job List View Options	This feature enables/disables the ability to display the "Click Here to Add Another Job" Job every time a new Job has been created.
Job List View Options Pop-Up Menu	Activated by right clicking on the Profile Job List, this Popup menu allows for the following features:
Use "<Click Here to Add Another Job>" Feature	This menu item will add a new Job to the end of the Job list named "<Click Here to Add Another Job>" every time a new Job is created.
Suppress Add Job Confirm Dialog	This menu item will suppress the Confirmation Dialog that is launched when clicking on the "<Click Her to Add Another Job>" Job.

View Job Groups* (Enhanced Package)	This feature enables/disables the ability to allow the user to organize/categorize Jobs within a Profile into Job Groups. When this feature is enabled, you can create as many Job Groups as desired. Each Job Group is represented by a Tab. Each Tab displays the Job Group Name, the number of Checked Jobs and the number of Total Jobs for the corresponding Job Group, in the following format: GROUP NAME [CHECKED JOBS / TOTAL JOBS]
Select All	This menu item will select/highlight all Jobs within the current Job Group for a quick and easy way of modifying all Jobs within a given Profile. If this feature is not enabled you must turn on the Allow Multiple Selection feature on from the Job Menu .
Last Run On	This is a display of the last run date/time of the selected Job within the current Profile. This is the date/time that will be used when comparing files for the Bi-directional Synchronization Mode option on the File Options screen. This feature is also displayed on the from the Folder Selection screen.
Last Run On - Reset	This allows a means of resetting the last run date/time of the selected Job within the current Profile.

Job Group Pop-Up Menu* (Enhanced Package)	
Activated by right clicking on the Profile Job List, this Popup menu allows for the following features:	
Add Job Group	This menu item will create and add a new Job Group to the existing Profile.
Edit or Delete Job Groups	These menu items will display the Modify Job Groups Dialog, allowing for the adding, renaming, moving, re-ordering, modifying and/or the deletion of Job Groups.
Edit Job Groups Dialog	To add a Job Group click "New," then type the desired name into the field located at the bottom of the dialog. Repeat this process for each Job Group you wish to add. Entries can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the box. You can also use the "Up" and "Down" buttons to reorder the items.
All Tabs - Check All Jobs	This menu item will set all Jobs to the checked state allowing for a quick and easy way of checking all Jobs across all Job Groups.
All Tabs - Uncheck All Jobs	This menu item will set all Jobs to the unchecked state allowing for a quick and easy way of unchecking all Jobs across all Job Groups.

Note: Some features described on this page require the [Enhanced Package](#).

6. Selection Tree

The Selection Tree is located at the left side of the Profiler interface. The Selection Tree can also be hidden by unchecking the "Selection Tree" option, accessed through the "Toolbars" item on the [View Menu](#).

Screens can be accessed through this interface, which are used to set synchronization criteria for

individual Jobs (Job Settings), as well as set global properties relating to execution of the entire Profile and all related Jobs (Global Settings). Once you have selected a Job or Jobs from the [Profile Job List](#), all options configured on Job Settings screens will only be applied to those selections. After synchronization criteria for all individual Jobs have been established, use the Global Settings screens to set global properties relating to all Jobs, as well as choosing how you would like the Profile to be executed. The [Profile Job List](#) will appear gray when any Global Settings screen is displayed, indicating that all properties set on that screen will be applied to the entire Profile.

Selection Tree: The Selection Tree can be set to Basic, Intermediate, Advanced or Customized. Some Selection Tree items will not be accessible depending on the package you are currently using.

Pop-Up Menu: Activated by right clicking on the Selection Tree, this menu duplicates the items listed in the Selection Tree, as well as, the items listed in the drop-down list located on the right side of the Back button on the [Tool Buttons](#) Toolbar. This Menu offers the following options:

Show All Profile Options: This feature will toggle between showing all Profile Options and the Custom Options in the Selection Tree.

Customize: This feature will allow the user to select which Profile Options to display in the Custom Selection Tree, when the "Show All Profile Options" is turned off. When selected the user will be given the dialog box shown below to pick and choose which Profile Options to use.

7. Job Settings

A **Job** is a Source-Target backup/synchronization scenario.

Jobs are created by identifying a Source Folder and a Target Folder, to which the contents of the Source Folder will be synchronized to the Target Folder. Each Job has unique options, settings and modes that can be applied to it.

These options, settings and modes are categorized into screens based on what they will do to the Job or what they will do to the data that will be modified by the Job.

These selections determine which contents will be synchronized and in what manner they will be synchronized. As well as, when they will be synchronized according to your choice of Real-Time, interval scheduling, daily timer scheduling, trigger driven or manually initiated operations.

Note: Some settings are ignored when enabled in conjunction with other settings. For example, report summaries are ignored in multiple threaded or enhanced Real-Time mode.

► Topics

[Folder Selection](#)

[Automation](#)

[Blackout Settings](#)

[Scan Limitations](#)

[File Options](#)

[Open Files](#)

[EOFM](#)

[Performance](#)

[Byte Replicator](#)

[Reversioning](#)

[Miscellaneous](#)

[Additional Features](#)

[Exceptions](#)

[Reporting](#)
[Admin Reporting](#)
[Email Reporting](#)
[Compression](#)
[Pre/Post Process Options](#)
[Global Settings](#)
[Options/Commands](#)
[StartUp/Service](#)
[Run/View Current Profile](#)

7.1 Folder Selection

Folder Selection

Mode
 Normal
 TCP
 FTP

Source Folder
 Host Name: ARMDEV2
 User & Password: <None>
 C:\Common\
 Configure

Include sub-folders Swap ↔ [Set Alternate/Additional Targets](#)

Mode
 Normal
 TCP
 FTP

Target Folder
 Host Name: 192.168.171.151
 Encryption: ON
 TCP:\\192.168.171.151\C\Common\
 C:\Common\
 Configure

Last Run On: 9/18/2006 5:36:30 PM (Completed Successfully)

► Topics

[Folder Selection Overview](#)
[Source Mode Selection](#) / [Target Mode Selection](#)
[Source Folder Selection](#) / [Target Folder Selection](#)
[Include Subfolders](#)
[Swap Source and Target Folders](#)
[Last Run On](#)
[Other Features](#)

Note: Features listed on this page may require the [TCP WAN Connector](#) and/or [File Transfer Protocol \(FTP\)](#) options.

7.1.1 Folder Selection Overview

Each Job within a Profile is initially defined by using the **Folder Selection** screen to select a Source and Target Folder. The contents of a Source Folder will be synchronized to a Target Folder according to criteria further defined on other Settings screens. Once you have highlighted a Job or Jobs from the [Profile Job List](#), this screen offers several different methods to locate and select folders for synchronization. File paths can be typed manually, or you can browse local and network drives to locate and select your desired folders.

7.1.2 Source Mode Selection

There are three Source folder selection Modes: Normal, TCP, and FTP.

Normal	Select Normal if you can navigate to the desired Source directory via a Local Path, a UNC Path, or a Mapped Drive. This selection requires that the machine on which PeerSync is running has full access to the desired Source directory. In some instances Network Logon may be required.
TCP	Select TCP if the Source directory is outside the scope of the machine on which PeerSync is running. TCP enables access to machines not located on the same network as PeerSync. As a prerequisite, the PSListener needs to be installed and running on the remote Source machine in order for PeerSync to be able to communicate with it. This feature supports encryption and compression . Note: We strongly recommend the use of a VPN when transferring files over the public Internet for security purposes. Otherwise, you should use our Encryption feature with a user name and password to protect data and all communication as it is being transferred.
FTP	Select FTP to automatically logon to a Source FTP server. This feature supports proxy servers/firewalls and has an option to adjust for GMT time on the FTP server side.

Notes:

1. The TCP feature listed on this page requires the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The FTP feature listed on this page requires the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
3. Generally performance will be optimal when PeerSync is installed on one of the machines involved in the synchronization process (Source or Target).

7.1.3 Target Mode Selection

Target Mode selection is accomplished through the same method as that used for Source Mode selection, with the following matching controls:

There are three Target folder selection Modes: Normal, TCP, and FTP.

Normal	Select Normal if you can navigate to the desired Target directory via a Local Path, a UNC Path, or a Mapped Drive. This selection requires that the machine on which PeerSync is running has full access to the desired Target directory. In some instances Network Logon may be required.
TCP	Select TCP if the Target directory is outside the scope of the machine on which PeerSync is running. TCP enables access to machines not located on the same network as PeerSync. As a prerequisite, the PSListener needs to be installed and running on the remote Target machine in order for PeerSync to be able to communicate with it. This feature supports encryption and compression . Note: We strongly recommend the use of a VPN when transferring files over the public Internet for security purposes. Otherwise, you should use our Encryption feature with a user name and password to protect data and all communication as it is being transferred.

FTP	Select FTP to automatically logon to a Target FTP server. This feature supports proxy servers/firewalls and has an option to adjust for GMT time on the FTP server side.
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Notes:

1. The TCP feature listed on this page requires the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The FTP feature listed on this page requires the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
3. Generally performance will be optimal when PeerSync is installed on one of the machines involved in the synchronization process (Source or Target).

7.1.4 Source Folder Selection

Using Normal Mode

Select a Source Folder by typing the file path into the field provided or by using the [Select Source Folder Button](#). By default, the Source Folder field will contain the path in which PeerSync has been installed: in most cases this will be C:\Program Files\PeerSync\Source. The convention outlined in this path must be used when manually typing entries, (i.e. a drive must be specified followed by a colon, with subsequent folders separated by backslashes). This field is not case sensitive, though spaces may only be entered where they are part of valid folder names (i.e. "Program Files"). No space should appear between slashes and folder names. This field also supports [File/Folder Path Variables](#).

UNC names can be entered manually, or can be selected from the Network Neighborhood using the "Browse for Folder" dialog box (see [Select Source Folder Button](#)). UNC names will appear in the form \\COMPUTER\SHAREDDEVICE\PATH. For example: \\SERVER11\D\USERDATA

Note: We do not recommend using UNC paths for folders that reside on the local machine, in this scenario you should use the local path to that folder.

Folders can also be dragged and dropped from MS Windows Explorer into the Source Folder Field for automatic insertion.

The Source Folder Field holds a folder selection History of up to 10 entries. They can be selected by clicking on the drop down button located to the right of the field.

The current path will be displayed below the Source Folder Selection Field. An invalid path will display a red INVALID SELECTION label instead. If there are no efforts made to correct the invalid path and you exit the Source Folder Selection field, the application will throw a message and use the default PeerSync installation path C:\Program Files\PeerSync\Source instead.

The Host Name and User Name & Password values (if provided) are displayed above the Source Folder Selection field (see [Network Logon](#)).

Using TCP Mode:

When selecting the TCP Mode for the first time the Source TCP/Port Configuration window will open automatically for Source Folder configuration. Otherwise, the previously entered TCP folder path will be displayed. This path can be manually edited by typing directly into the field provided or by using the [Configuration](#) button. The convention outlined in this path must be used when manually typing entries, (i.e. the key word TCP must be specified followed by a colon, two

backslashes, the Source IP address or machine name, and subsequent folders separated by backslashes). This field is not case sensitive, though spaces may only be entered where they are part of valid folder names (i.e. "Program Files"). No space should appear between slashes and folder names. This field also supports [File/Folder Path Variables](#).

The Source Folder Field holds a folder selection History of more than 10 entries. They can be accessed by clicking on the drop down button located to the right of the field.

The current path will be displayed below the Source Folder Selection Field. An invalid path will display a red INVALID SELECTION label instead. If there are no efforts made to correct the invalid path and you exit the Source Folder Selection field, the application will throw a message and use the last valid TCP path specified or the default path TCP:\\127.0.0.1\C\Source. 127.0.0.1 represents the loopback IP address of the local host (i.e. the machine on which PeerSync is running).

The provided Host Name and User Name & Password values are displayed above the Source Folder Selection field.

Using FTP Mode:

When selecting the FTP Mode for the first time the Source FTP Logon Configuration window will open automatically for Source Folder configuration. Otherwise, the previously entered FTP folder path will be displayed. This path can be manually edited by typing directly into the field provided or by using the [Configuration](#) button. The convention outlined in this path must be used when manually typing entries, (i.e. the key word FTP must be specified followed by a colon, two forward slashes, the Source IP address or machine name, and subsequent folders separated by forward slashes). This field is not case sensitive, though spaces may only be entered where they are part of valid folder names (i.e. "Program Files"). No space should appear between slashes and folder names. This field also supports [File/Folder Path Variables](#).

The Source Folder Field holds a folder selection History of more than 10 entries. They can be accessed by clicking on the drop down button located to the right of the field.

The current path will be displayed below the Source Folder Selection Field. An invalid path will display a red INVALID SELECTION label instead. If there are no efforts made to correct the invalid path and you exit the Source Folder Selection field, the application will throw a message and use the last valid FTP path specified.

The provided Host Name and User Name & Password values are displayed above the Source Folder Selection field.

Notes:

1. The TCP features listed on this page require the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The FTP features listed on this page require the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
3. You cannot monitor a TCP, FTP or any other remote folder/device in [Real-Time](#).
4. [Compression](#), [Bi-directional synchronization mode](#), [File Recovery](#), [Exclude empty Source Folders](#), [Turn file archive attribute off after synchronization](#) and [CRC32](#), as well as other non applicable features are ignored when using an FTP Source.
5. [Folder Compression](#) and [Bi-directional synchronization mode](#), as well as other non applicable features are ignored when using a TCP Source.
6. Selecting an FTP Source and a FTP Target for the same Job is not recommended/supported.

7. Selecting a TCP Source and a TCP Target for the same Job is not supported.

► **Related Options**

[Source Folder Configuration Button](#)

[Select Source Folder Button](#)

[Explore/Open/Create Button](#)

[Source Folder Popup Menu](#)

Using Normal Mode:

The Source Folder Configure Button is activated by clicking on the **Configure** button located in right lower corner of the **Source Folder** panel/section. Selecting the Configure button opens the **Source Network Logon Settings** window. Alternatively, you may right-click on the Source Folder field and select Configure: Source Folder (See [Source Folder Popup Menu](#)). This window allows for network logon Name and Password information for a remote Source connection.

Using TCP Mode:

The Source Folder Configure Button is activated by clicking on the **Configure** button located in right lower corner of the **Source Folder** panel/section. Selecting the Configure button opens the Source TCP/Port Configuration window. Alternatively, you may right-click on the Source Folder field and select Configure: Source Folder (See [Source Folder Popup Menu](#)).

TCP Configuration Tab	
This tab provides a guided method for entering the Source TCP path.	
Host Name:	Enter the IP address or machine name of the Source Folder into this field. You may use the machine name only if the remote Source Machine resides on the same network as that on which PeerSync is running.

Path to Host:	<p>Provide the full path (i.e. C:\Documents and Settings\Source) to the Source folder in this field. The path entered needs to be a local path without a machine name or UNC format. This field does not validate the existence of the path you provide therefore you must exercise great care when doing so. If the path does not exist, PeerSync will create it during run time as long as a valid host name or IP address has been provided and it can find the drive letter specified.</p> <p>Care must be exercised if your PSListener contains a "Root Path". If you specify such a path in your PSListener it will behave like an FTP server that sets Root Paths to limit user access to the local file system. If a "Root Path" exists on the PSListener it will limit PeerSync's ability to access directories on the remote device. PeerSync will only be able to access directories equal to or below the specified "Root Path" level provided that it meets the Port and Encryption requirements. In no circumstances can PeerSync access directories located above this path. If the remote path you enter in the Path to Host field references a directory above the "Root Path", PeerSync will create that folder structure at runtime below the "Root Path".</p> <p>Example:</p> <table data-bbox="565 852 1446 999"> <tr> <td>PSListener "Root Path"</td> <td>=</td> <td>C:\Backup\Users\Admin</td> </tr> <tr> <td>PeerSync's "Path to Host"</td> <td>=</td> <td>C:\Backup\My Documents</td> </tr> <tr> <td>Actual Remote Source Path</td> <td>=</td> <td>C:\Backup\Users\Admin\C\Backup\My Documents</td> </tr> </table> <p>Note: The "Root Path" will be ignored when performing byte-level replication using Normal Mode (i.e. Local or UNC paths).</p>	PSListener "Root Path"	=	C:\Backup\Users\Admin	PeerSync's "Path to Host"	=	C:\Backup\My Documents	Actual Remote Source Path	=	C:\Backup\Users\Admin\C\Backup\My Documents
PSListener "Root Path"	=	C:\Backup\Users\Admin								
PeerSync's "Path to Host"	=	C:\Backup\My Documents								
Actual Remote Source Path	=	C:\Backup\Users\Admin\C\Backup\My Documents								
<p>Port Configuration Tab</p> <p>This tab provides settings to be used by both the Source and Target connections when using TCP and/or Byte Replicator.</p>										
Time Out	Sets the amount of time a connection will wait to complete a data transfer before exiting and performing the failure operation.									
Port	This is the TCP Port used to communicate with the Listener on the remote machine. This must match the port number that the PSListener is configured for. By default both Listener and PeerSync use port 7333.									
Compression	Uses a lossless compression algorithm to transmit data in fewer bits. By default Compression is disabled to achieve faster performance.									
Use Encryption	By default Encryption is enabled in both PeerSync and PSListener. This option uses strong DES encryption to encrypt data and communication as it is being transmitted over the Internet, LAN, WAN, or VPN. For enhanced security we recommend you provide your own User Name and Password as key values. PeerSync will use these values to further encrypt data and communication transmitted between sites. You must enter the same values on the PSListener side.									

Using FTP Mode:

The Source Folder Configure Button is activated by clicking on the **Configure** button located in right lower corner of the **Source Folder** panel/section. Selecting the Configure button opens the

Source FTP Configuration window. Alternatively, you may right-click on the Source Folder field and select Configure: Source Folder (See [Source Folder Popup Menu](#)).

FTP Configuration Tab	
Provides a guided method for entering the Source FTP path as well as connection authentication.	
Host Name	Enter the IP address or machine name of the Source folder into this field. You may use the machine name only if the FTP Source machine resides on the same network as that on which PeerSync is running.
Path to Host	Provide the full path to the Source folder in this field (i.e. /FTProot/My Data/Source). Make sure the path begins at the base directory to which the FTP server allows connection. The path does not need to be preceded by the key phrase 'FTP' however it must start with a forward slash (/). This field does not validate the existence of the path you provide therefore you must exercise great care when doing so. If the path does exist, PeerSync will create it during run time as long as a valid host name or IP address has been provided.
User Name	Stores the Source FTP User Name information for login.
Password	Stores the Source FTP Password information for login.
FTP Settings	
Provides configuration for the FTP Source Selection.	
Enable Passive Mode	Sets the FTP mode to passive. The phrase passive refers to the FTP server which passively accepts connections and data while the client initiates both the control connection and the data connection to random ports specified by the server. Passive mode is enabled by default.
Host is using GMT	Option to adjust for GMT time on the FTP server side.
Time Out (seconds)	Sets the amount of time a connection will wait to complete a data transfer before exiting and performing the failure operation.
Port	Port number used to initiate an FTP session or "command" connection to the FTP server. Uses standard port 21 by default.
Use Proxy - Firewall	This option allows you to specify the Host Name, User ID, Password, and Port number to a network Proxy - Firewall.
File types to transfer as ASCII	Through this field, file types can be selectively tagged for transfer as ASCII upon synchronization. These file types are set by specifying file extensions (i.e. ".txt") which, if found within a file name, will be transferred as an ASCII file during synchronization. Multiple strings will be semicolon delimited. These settings are not case sensitive, (i.e. "A" = "a").

File types can be typed manually, or can be specified using either the [Files to Transfer as ASCII Button](#) or drop-down list located to the right of the field. The drop-down list located to the right of this field will be dynamically populated with file types as they are set through the dialog box described above. They are also added to the list when you exit the field after manually editing the file types field. File types can then be specified by selecting them from this list. This provides a way to store and/or retrieve sets of file types for later use with other Jobs.

Notes:

1. The TCP features listed on this page require the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The FTP features listed on this page require the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

Located to the right of the Source Folder Selection Field, this button opens a "Browse for Folder" dialog box. Once this box has opened, locate your chosen Source folder, select it using the left mouse button, and click "OK."

Note: This button is not available when selecting TCP or FTP Modes for Source or Target.

This button provides three options to be selected from the attached drop-down list. The button label will change to reflect whichever item has been checked on this list.

When "**Explore**" has been selected and the button is depressed, an Explorer-type window will open displaying all available directories. By default, this window will show the folder whose path is currently designated in the Source Field. If the folder shown in this field does not exist, Profiler will display a dialog alerting you to this fact and asking if you would like to create it. You may do so by clicking the "Yes" button located at the bottom of this dialog. Once you have done so the newly created folder will be shown in the Explorer-type window.

When "**Open**" has been selected and the button is depressed, a traditional MS navigation window is opened displaying the contents of whichever folder is currently shown in the Source Folder Field. If this folder does not exist, Profiler will display a dialog alerting you to this fact and asking if you would like to create it. You may do so by clicking the "Yes" button located at the bottom of this dialog. Once you have done so the newly created Folder will be shown in the navigation window.

When "**Create**" has been selected and the button is depressed, a "Select Directory" dialog will open allowing you to specify a Source Folder path by using the mouse to select a desired drive, directory, and folder. Folder paths can also be manually entered into the "Directory Name" field. If you enter a path for a folder that does not exist and hit the ENTER key or click "OK," a dialog box will appear allowing you to create this folder.

Note: This button is not available when selecting TCP or FTP Modes for Source or Target.

Using Normal Mode:

The Source Folder PopUp Menu is activated by right clicking on the Source Folder field. The first four features allow the user to **Browse** for Source Folder, **Explore**, **Open** and/or **Create** the Source Folder selection.

Configure: Source Folder: Selecting this option displays the Source Network Logon Settings window. This allows the user to specify [Network Logon](#) credentials for the Source Folder which enables connection to directories that are not accessible with the current logged on account.

Edit: Source Variable File: This will allow the user to view/edit [Variable Data Import](#) and/or [Job Data Import](#) files that are used in the Source Folder selection. This option is only available if using Job data import files.

Create Auto Job Name: This feature allows a simple way to generate meaningful Job names.

When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.

Using TCP Mode:

The Source Folder PopUp Menu is activated by right clicking on the Source Folder field. The first two features allow the user to **Explore** and **Open** the Source Folder selection.

Configure: Source Folder: Selecting this option displays the Source TCP/Port Configuration window. This window provides a guided method for entering the Source TCP path as well as TCP and/or Byte Replicator settings (see [TCP Configuration](#)).

Create Auto Job Name: This feature allows a simple way to generate meaningful Job names. When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.

Notes:

1. The TCP features listed above require the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The Browse for Source Folder and Create options are not available when using TCP Source Mode.

Using FTP Mode:

The Source Folder PopUp Menu is activated by right clicking on the Source Folder field. The first feature allows the user to **Open** the Source Folder selection.

Configure: Source Folder: Selecting this option displays the Source FTP Configuration window. This window provides a guided method for entering the Source FTP path, specify network authentication, as well as FTP configuration options (see [FTP Configuration](#)).

Create Auto Job Name: This feature allows a simple way to generate meaningful Job names. When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.

Notes:

1. The FTP features listed above require the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The Browse for Source Folder, Explore, and Create options are not available when using FTP Source Mode.

7.1.5 Target Folder Selection

Target Folder selection is accomplished through the same method as that used for Source Target selection, with the following matching controls:

Using Normal Mode:

Select a Target Folder by typing the file path into the field provided or by using the [Select Target Folder Button](#). By default, the Target Folder field will contain the path in which PeerSync has been

installed: in most cases this will be C:\Program Files\PeerSync\Target. The convention outlined in this path must be used when manually typing entries, (i.e. a drive must be specified followed by a colon, with subsequent folders separated by backslashes). This field is not case sensitive, though spaces may only be entered where they are part of valid folder names (i.e. "Program Files"). No space should appear between slashes and folder names. This field also supports [File/Folder Path Variables](#).

UNC names can be entered manually, or can be selected from the Network Neighborhood using the "Browse for Folder" dialog box (see [Select Target Folder Button](#)). UNC names will appear in the form \\COMPUTER\SHAREDDEVICE\PATH. For example: \\SERVER11\D\USERDATA

Note: We do not recommend using UNC paths for folders that reside on the local machine, in this scenario you should use the local path to that folder.

Folders can also be dragged and dropped from MS Windows Explorer into the Target Folder Field for automatic insertion.

The Target Folder Field holds a folder selection History of more than 10 entries. They can be selected by clicking on the drop down button located to the right of the field.

The current path will be displayed below the Target Folder Selection Field. An invalid path will display a red INVALID SELECTION label instead. If there are no efforts made to correct the invalid path and you exit the Target Folder Selection field, the application will throw a message and use the default PeerSync installation path C:\Program Files\PeerSync\Target instead.

The Host Name and User Name & Password values (if provided) are displayed above the Target Folder Selection field (see [Network Logon](#)).

Using TCP Mode:

When selecting the TCP Mode for the first time the Target TCP/Port Configuration window will open automatically for Target Folder configuration. Otherwise, the previously entered TCP folder path will be displayed. This path can be manually edited by typing directly into the field provided or by using the [Configuration](#) button. The convention outlined in this path must be used when manually typing entries, (i.e. the key word TCP must be specified followed by a colon, two backslashes, the Target IP address or machine name, and subsequent folders separated by backslashes). This field is not case sensitive, though spaces may only be entered where they are part of valid folder names (i.e. "Program Files"). No space should appear between slashes and folder names. This field also supports [File/Folder Path Variables](#).

The Target Folder Field holds a folder selection History of more than 10 entries. They can be accessed by clicking on the drop down button located to the right of the field.

The current path will be displayed below the Target Folder Selection Field. An invalid path will display a red INVALID SELECTION label instead. If there are no efforts made to correct the invalid path and you exit the Target Folder Selection field, the application will throw a message and use the last valid TCP path specified or the default path TCP:\\127.0.0.1\C\Target. 127.0.0.1 represents the loopback IP address of the local host (i.e. the machine on which PeerSync is running).

The provided Host Name and User Name & Password values are displayed above the Target Folder Selection field (see [Configuration Button](#)).

Using FTP Mode:

When selecting the FTP Mode for the first time the Target FTP Logon Configuration window will open automatically for Target Folder configuration. Otherwise, the previously entered FTP folder path will be displayed. This path can be manually edited by typing directly into the field provided or by using the [Configuration](#) button. The convention outlined in this path must be used when manually typing entries, (i.e. the key word FTP must be specified followed by a colon, two forward slashes, the Target IP address or machine name, and subsequent folders separated by forward slashes). This field is not case sensitive, though spaces may only be entered where they are part of valid folder names (i.e. "Program Files"). No space should appear between slashes and folder names. This field also supports [File/Folder Path Variables](#).

The Target Folder Field holds a folder selection History of up to 10 entries. They can be accessed by clicking on the drop down button located to the right of the field.

The current path will be displayed below the Target Folder Selection Field. An invalid path will display a red INVALID SELECTION label instead. If there are no efforts made to correct the invalid path and you exit the Target Folder Selection field, the application will throw a message and use the last valid FTP path specified.

The provided Host Name and User Name & Password values are displayed above the Target Folder Selection field (see [Configuration Button](#)).

Notes:

1. TCP (i.e. TCP WAN Connector Option) and FTP are optional modes which may not be included in your package. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. [Folder Compression](#) and [Bi-directional synchronization mode](#), as well as other non applicable features are ignored when using a TCP Target.
3. Selecting an FTP Source and a FTP Target for the same Job is not recommended/supported.
4. Selecting a TCP Source and a TCP Target for the same Job is not supported.

► **Related Options**

[Target Folder Configuration Button](#)

[Select Target Folder Button](#)

[Explore/Open/Create Button](#)

[Target Folder Popup Menu](#)

[Alternate Target Path Selection](#)

Using Normal Mode:

The Target Folder Configuration Button can be activated by clicking on the **Configure** button located in right lower corner of the **Target Folder** panel/section. Selecting the Configure button opens the Target Network Logon Settings window. Alternatively, you may right-click on the Target Folder field and select Configure: Target Folder (See [Target Folder Popup Menu](#)). This window allows for network logon Name and Password information for a remote Target connection.

Using TCP Mode:

The Target Folder Configuration Button can be activated by clicking on the **Configure** button located in right lower corner of the **Target Folder** panel/section. Selecting the Configure button opens the Target TCP/Port Configuration window. Alternatively, you may right-click on the Target Folder field and select Configure: Target Folder (See [Target Folder Popup Menu](#)).

TCP Configuration Tab							
This window provides a guided method for entering the Target TCP path.							
Host Name:	Enter the IP address or machine name of the Target folder into this field. You may use the machine name only if the remote Target machine resides on the same network as that on which PeerSync is running.						
Path to Host:	<p>Provide the full path (i.e. C:\Documents and Settings\Target) to the Target folder in this field. The path entered needs to be a local path without a machine name or UNC format. This field does not validate the existence of the path you provide therefore you must exercise great care when doing so. If the path does exist, PeerSync will create it during run time as long as a valid host name or IP address has been provided and it can find the drive letter specified.</p> <p>Care must be exercised if your PSListener contains a "Root Path". If you specify such a path in your PSListener it will behave like an FTP server that sets Root Paths to limit user access to the local file system. If a "Root Path" exists on the PSListener it will limit PeerSync's ability to access directories on the remote device. PeerSync will only be able to access directories equal to or below the specified "Root Path" level provided that it meets the Port and Encryption requirements. In no circumstances can PeerSync access directories located above this path. If the remote path you enter in the Path to Host field references a directory above the "Root Path", PeerSync will create that folder structure at runtime below the "Root Path".</p> <p>Example:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">PSListener "Root Path"</td> <td>= C:\Backup\Users\Admin</td> </tr> <tr> <td>PeerSync's "Path to Host"</td> <td>= C:\Backup\My Documents</td> </tr> <tr> <td>Actual Remote Target Path</td> <td>= C:\Backup\Users\Admin\C\Backup\My Documents</td> </tr> </table> <p>Note: The "Root Path" will be ignored when performing byte-level replication using Normal Mode (i.e. Local or UNC paths).</p>	PSListener "Root Path"	= C:\Backup\Users\Admin	PeerSync's "Path to Host"	= C:\Backup\My Documents	Actual Remote Target Path	= C:\Backup\Users\Admin\C\Backup\My Documents
PSListener "Root Path"	= C:\Backup\Users\Admin						
PeerSync's "Path to Host"	= C:\Backup\My Documents						
Actual Remote Target Path	= C:\Backup\Users\Admin\C\Backup\My Documents						
Port Configuration Tab							
Provides settings to be used by both the Source and Target connections when using TCP and/or Byte Replicator.							
Time Out	Sets the amount of time a connection will wait to complete a data transfer before exiting and performing the failure operation.						
Port	This is the TCP Port used to communicate with the Listener on the remote machine. This must match the port number that the PSListener is configured for. By default both Listener and PeerSync use port 7333.						
Compression	Uses a lossless compression algorithm to transmit data in fewer bits. By default Compression is disabled to achieve faster performance.						

Use Encryption	By default Encryption is enabled in both PeerSync and PSListener. This option uses strong DES encryption to encrypt data and communication as it is being transmitted over the Internet, LAN, WAN, or VPN. For enhanced security we recommend you provide your own User Name and Password as key values. PeerSync will use these values to further encrypt data and communication transmitted between sites. You must enter the same values on the PSListener side.
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Using FTP Mode:

The Target Folder Configuration Button can be activated by clicking on the **Configure** button located in right lower corner of the **Target Folder** panel/section. Selecting the Configure button opens the Target FTP Configuration window. Alternatively, you may right-click on the Target Folder field and select Configure: Target Folder (See [Target Folder Popup Menu](#)).

FTP Configuration Tab	
Provides a guided method for entering the Target FTP path as well as connection authentication.	
Host Name	Enter the IP address or machine name of the Target folder into this field. You may use the machine name only if the FTP Target machine resides on the same network as that on which PeerSync is running.
Path to Host	Provide the full path to the Target folder in this field (i.e. /FTProot/My Data/Target). Make sure the path begins at the base directory to which the FTP server allows connection. The path does not need to be preceded by the key phrase 'FTP' however it must start with a forward slash (/). This field does not validate the existence of the path you provide therefore you must exercise great care when doing so. If the path does exist, PeerSync will create it during run time as long as a valid host name or IP address has been provided.
User Name	Stores the Target FTP User Name information for login.
Password	Stores the Target FTP Password information for login.
FTP Settings Tab	
Provides configuration for the FTP Target selection.	
Enable Passive Mode	Sets the FTP mode to passive. The phrase passive refers to the FTP server which passively accepts connections and data while the client initiates both the control connection and the data connection to random ports specified by the server. Passive mode is enabled by default.
Host is using GMT	Option to adjust for GMT time on the FTP server side.
Time Out (seconds)	Sets the amount of time a connection will wait to complete a data transfer before exiting and performing the failure operation.
Port	Port number used to initiate an FTP session or "command" connection to the FTP server. Uses standard port 21 by default.

Use Proxy - Firewall	This option allows you to specify the Host Name, User ID, Password, and Port number to a network Proxy - Firewall.
File types to transfer as ASCII	Through this field, file types can be selectively tagged for transfer as ASCII upon synchronization. These file types are set by specifying file extensions (i.e. ".txt") which, if found within a file name, will be transferred as an ASCII file during synchronization. Multiple strings will be semicolon delimited. These settings are not case sensitive, (i.e. "A" = "a")

File types can be typed manually, or can be specified using either the [Files to Transfer as ASCII Button](#) or drop-down list located to the right of the field. The drop-down list located to the right of this field will be dynamically populated with file types as they are set through the dialog box described above. They are also added to the list when you exit the field after manually editing the file type field. File types can then be specified by selecting them from this list. This provides a way to store and/or retrieve sets of file types for later use with other Jobs.

Notes:

1. The TCP features listed on this page require the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The FTP features listed on this page require the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

Located to the right of the Target Folder Selection Field, 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."

Note: This button is not available when selecting TCP or FTP Modes for Source or Target.

This button provides three options to be selected from the attached drop-down list. The button label will change to reflect whichever item has been checked on this list.

When "**Explore**" has been selected and the button is depressed, an Explorer-type window will open displaying all available directories. By default, this window will show the folder whose path is currently designated in the Target field. If the folder shown in this field does not exist, Profiler will display a dialog alerting you to this fact and asking if you would like to create it: you can do so by clicking the "Yes" button located at the bottom of this dialog. Once you have done so the newly created Folder will be shown in the Explorer-type tree.

When "**Open**" has been selected and the button is depressed, a traditional MS navigation window is opened displaying the contents of whichever folder is currently shown in the Target Folder Field. If this folder does not exist, Profiler will display a dialog alerting you to this fact and asking if you would like to create it: you can do so by clicking "Yes" button located at the bottom of this dialog. Once you have done so the newly created Folder will be shown in the navigation window.

When "**Create**" has been selected and the button is depressed, a "Select Directory" dialog will open allowing you to specify a Target Folder path by using the mouse to select a desired drive, directory, and folder (See image in "Source Folder Selection" topic above). Folder paths can also be manually entered into the "Directory Name" field. If you enter a path for a folder that does not exist and hit the ENTER key or click "OK," a dialog box will appear allowing you to create this folder.

Note: This button is not available when selecting TCP or FTP Modes for Source or Target.

Using Normal Mode:

The Target Folder PopUp Menu is activated by right clicking on the Target Folder field. The first four features allow the user to **Browse** for Target Folder, **Explore**, **Open** and/or **Create** the Target Folder selection.

Configure: Target Folder: Selecting this option displays the Target Network Logon Settings window. This allows the user to specify [Network Logon](#) credentials for the Target Folder which enables connection to directories that are not accessible with the current logged on account.

Edit: Target Variable File: This will allow the user to view/edit [Variable Data Import](#) and/or [Job Data Import](#) files that are used in the Target Folder selection. This option is only available if using Job data import files.

Create Auto Job Name: This feature allows a simple way to generate meaningful Job names. When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.

Set Alternate/Additional Targets: Selecting this menu item will open the Alternate/Additional Targets selection window. This feature allows for alternate or additional Target paths associated with the base Job.

Force Source Folder Root as Target Folder Root: Appends the Source folder directory to the Target folder path.

Using TCP Mode:

The Target Folder PopUp Menu is activated by right clicking on the Target Folder field. The first two features allow the user to **Explore** and **Open** the Target Folder selection.

Configure: Target Folder: Selecting this option displays the Target TCP/Port Configuration window. This window provides a guided method for entering the Target TCP path as well as TCP and/or Byte Replicator settings (see [TCP Configuration](#)).

Create Auto Job Name: This feature allows a simple way to generate meaningful Job names. When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.

Force Source Folder Root as Target Folder Root: Appends the Source folder directory to the Target folder path.

Using FTP Mode:

The Target Folder PopUp Menu is activated by right clicking on the Target Folder field. The first feature allows the user to **Open** the Target Folder selection.

Configure: Target Folder: Selecting this option displays the Target FTP Configuration window. This window provides a guided method for entering the Target FTP path, specify network authentication, as well as FTP configuration options (see [FTP Configuration](#)).

Create Auto Job Name: This feature allows a simple way to generate meaningful Job names.

When selecting this item, Job names are automatically generated based on their Source and Target paths which make it a simple task to organize the Job list.

Force Source Folder Root as Target Folder Root: Appends the Source folder directory to the Target folder path.

Notes:

1. The TCP features listed on this page require the [TCP WAN Connector](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The FTP features listed on this page require the [File Transfer Protocol \(FTP\)](#) option. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
3. The Browse, Explore, Create, and Set Alternate/Additional Target options are not available when using TCP and FTP Target Modes.

This link will be enabled if you are using a Normal Target Mode Selection. By selecting this link you can set and access your current Alternate Target Path Selections. Through this feature, Jobs can now have alternate or additional Target paths associated with the base Job. This allows for the ability to redirect data on a failed connection to the base Target and/or easily setup, one-to-many scenarios for distribution purposes. Selecting this menu item will open the Alternate Target Path Selection dialog:

To add an alternate or additional Target click "New," then type the desired path into the field located at the bottom of the dialog or select the "Browse" button to select a path.. Repeat this process for each Target path you wish to add. Entries can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the box. You can also use the "Up" and "Down" buttons to reorder the paths.

Notes:

1. This feature requires the [Enhanced Package](#).
2. Alternate Target Path Selection is not available for TCP or FTP Target Mode Selections.
3. When using Alternate Target Path Selections you cannot use [variables](#) that are specific to the Job (i.e. %JobName%, %SourcePath%, etc.) for the [Move unmatched Target Files](#) option.

7.1.6 Files to transfer as ASCII Button

The "Files to transfer as ASCII" option is available from the [FTP Settings Tab](#) for both Source and Target FTP selection modes. Clicking on the button to the right of this field opens a dialog box into which file types may be entered.

To add a File Type click "New," then type the desired file type into the field located at the bottom of the dialog. Repeat this process for each File type. Entries can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the box. Once you have finished, click the "OK" button. The box will close and all of the file types you have specified will automatically appear in the Files to transfer as ASCII field.

Note: This feature requires the FTP option which may not be included in your package. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.1.7 Include Subfolders

If this check box is selected, all sub-folders contained within the Source Folder will be synchronized to the Target.

7.1.8 Swap Source and Target Folders

This button reverses placement of the file paths shown in the Source and Target Folder Fields (so that what was formerly a Source Folder now becomes a Target Folder, and vice versa).

7.1.9 Last Run On

This is the date/time of the last [bi-directional synchronization](#) scan of a Job that will be used when comparing files during the Bi-directional Synchronization Mode option on the [File Options](#) screen. This feature is also displayed and can be reset from the [Profile Job List](#) Pop-Up Menu.

7.1.10 Other Features

This section describes additional features related to the Folder Selection topic. The features below apply to both the Source and Target folder selections and related configuration options.

► **Topics**

[File/Folder Path Variables](#)

[Variable Data Import](#)

[Job Data Import](#)

[Dynamic Network Drive Mapping and Unmapping](#)

Variable file/folder paths can be used to create:

Dynamic archives for yearly, monthly, weekly and/or daily backups

Dynamic synchronization based on date

Dynamic synchronization based on logged on user or machine name

Dynamic synchronization based on personal folders or other variables read in from the registry

Log file storage, manipulation and organization

Administrative report file storage, manipulation and organization

Deleted file storage, manipulation and organization

The following variables can be used in any folder path Job setting available through the Profiler:

Date	%Date%
Time	%Time%
Date/Time	%DateTime%
Minute	%Minute%
Hour	%Hour%
Day	%Day%
Year	%Year%
Month/Year	%MonthYear%
Minute (all formats)	%n, nn%
Hour (all formats)	%h, hh%
Day (all formats)	%d, dd, ddd, dddd, ddddd, ddddd%
Month (all formats)	%m, mm, mmm, mmmm, mmmm%
Year (all formats)	%y, yy%

Logged On User Name	%UserName%
Computer Name	%ComputerName%
Job Name	%JobName%
Source Folder Path	%SourcePath%
Target Folder Path	%TargetPath%
Deletion Folder Path	%DeletePath%
Report File Path	%ReportPath%

Windows Directory	%WinDir%
Windows	%Windows% (also %SystemRoot%)
System Temp Path	%Temp%
System Temp Path	%Tmp%
System Drive Letter	%SystemDrive%
System 32 (WIN 9x/NT/00)	%System32%

Depending upon the argument used, these folders will be dated, named after the currently logged user, named for the PC from which synchronization was launched, or based on a pre-determined variable stored out and read in from the registry.

Note: You can also use any variables that are located in the registry under:
HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folder

PeerSync now contains tools for importing data from files. The ability to extract specific fields of data from a file has been included to allow unlimited scalability. Within an organization, one generic Profile can now be created, and utilizing text files, specific information about the user and the desired folders to be synchronized can be imported dynamically. Variables can be used to dynamically introduce data from a file into various fields throughout the interface including file paths, deletion paths, log file paths, log file names, etc.

Field data is imported through:

```
<<#FileName.txt [section] item#>>
```

In which the [section] is a defined field in a file, such as the example file content below.

```
[Info]
Name=Cris Smith
Home=c:\mydocuments
```

Using <<#FileName.txt [Info] Name#>> will import "Cris Smith" into the path it was used in and using <<#FileName.txt [Info] Home#>> will import "c:\mydocuments" into the path it was used in.

Note: This feature requires the [Enhanced Package](#).

PeerSync now contains tools for importing data from files to dynamically create Jobs. Within an organization, one generic Profile can now be created, and utilizing text files, specific information about the user and the desired folders to be synchronized can be imported dynamically. Lists can be used in Source and Target path names as such:

```
Source: <<$FileNameSources.txt$>>
Target: <<$FileNameTargets.txt$>>
```

or:

```
Source: <<$C:\Path\To\File\FileNameSources.txt$>>
Target: <<$C:\Path\To\File\FileNameTargets.txt$>>
```

Corresponding entries of each delimited file entry will be used to dynamically create a Job based upon the Jobs properties.

Note: This feature requires the [Enhanced Package](#).

PeerSync allows for the ability to dynamically map and un-map a Source or Target folder selection. The way you do this is to add a letter to the beginning of the UNC path that you wish to map the drive to. This can be done for the Source or Target selection (i.e. n\\COMPUTER\SHAREDDEVICE\PATH).

```
For Example: n\\DELLSERVER\D\USERDATA
```

The example above will map the D drive on the DELLSERVER to the N drive upon start of PeerSync and will unmap the drive when PeerSync terminates. This is a quite useful feature especially when running PeerSync as a service in the scenario where you want to synchronize to a mapped drive. This feature will allow for it to occur seamlessly.

Note: If you are going to run PeerSync as a [Service](#) it is advised to use UNC paths or PeerSync's Dynamic Network Drive Mapping and Unmapping feature instead of using mapped drives due to the fact that mapped drives are not understood when a user is not logged on.

Next/Last Available Drive Mapping

This feature allows for the dynamic mapping of the next (A) or last (B) available network drive by using the following format in the Source or Target Fields:

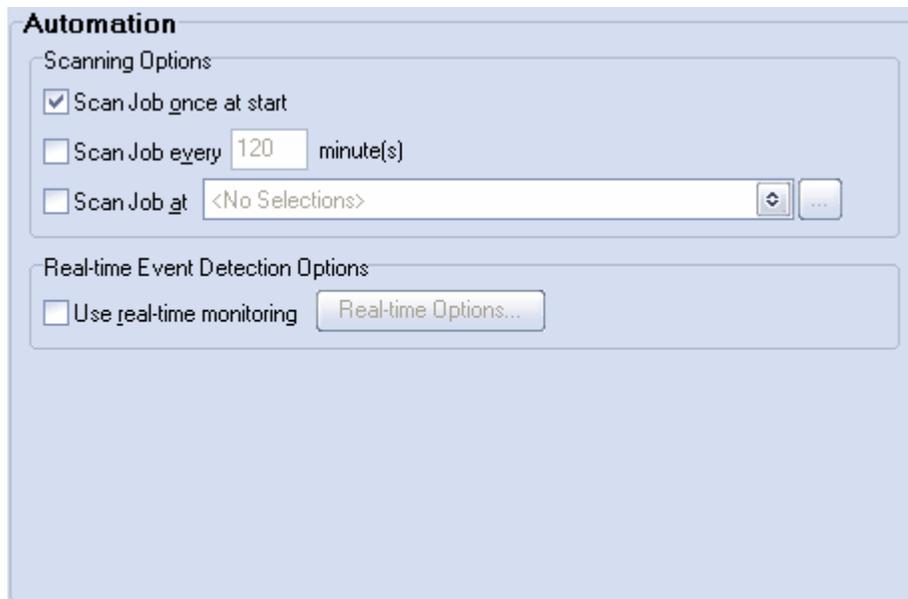
```
Map Next Available Example: A\\COMPUTER\SHAREDDEVICE\PATH
Map Last Available Example: B\\COMPUTER\SHAREDDEVICE\PATH
```

Local Drive Mapping

This feature allows for the dynamic mapping of a local drive by using the following format in the Source or Target Fields:

Map Local to N Example: N\\LOCALCOMPUTER\SHAREDDEVICE\PATH

7.2 Automation



► Topics

[Automation Overview](#)

[Scanning Options](#)

[Real-Time Event Detection Options](#)

7.2.1 Automation Overview

The Automation screen allows you to apply Real-Time Monitored or Scheduled synchronization to individual Jobs within a given Profile. Real-Time operations (also referred to as "File/Folder Change Detection") monitor Source Folders for any changes and synchronize them to the specified Target as they occur (and vice versa). Scheduled operations automatically launch synchronization according to a user-specified schedule. Through these settings, PeerSync allows you to build a Profile with as many as 255 different Jobs -- each run according to a unique schedule or in Real-Time (Also see [Options/Commands](#) for Global Automation Settings).

7.2.2 Scanning Options

Scan Job once at start: This feature directs PeerSync to run the current Job as an Automatic Operation. An Automatic Operation allows you to perform an immediate launch of the current Profile. As a non-persistent process, Automatic Operations are run a single time upon manual initiation by the user. We also refer to this type of run as an Initial Sync.

Scan Job every x minute(s): Checking this feature assigns a Scheduled operation to the selected Job(s). The field associated with this feature allows you to set an interval in minutes: after this time has elapsed the selected folders will be synchronized. 5 minutes is the default setting. Intervals in seconds can be specified through the use of decimals, (i.e. **0.5**, **2.5**, etc.); the minimum interval is **0.01**.

Scan Job at (specific daily timer schedule): Checking this feature will allow for the synchronization of Jobs at a specific times of the day for selected days of the week.

Daily Timer Options Button: This button opens the "Daily Timer Options" dialog box. Once this box has opened, it gives you the following features:

Run selected Jobs at: Selecting this feature will run the Job at the selected time of day.

List of Job Selections: This is a list of the currently selected Daily Timer selections. You can Add New selections by selecting the New button and Delete existing selections by selecting the Delete button.

Select days of week to run: Allows you to turn on/off which days to run this schedule.

Selection Options: This feature will give you the option to run the selected daily timer schedules in a Recurring mode (synchronization will run every time according to the set scheduled options) or Run Once (synchronization will run only once).

7.2.3 Real-Time Event Detection Options

Use Real-Time Monitoring: Selects the current Job(s) for Real-Time Monitoring.

Real-Time Options Button: This button opens an "Additional Options" dialog box. Once this box has opened, it allows you to choose from two Real-Time operations. The first is a Folder Replication feature, which monitors for changes to the Source Folder and synchronizes the Target accordingly. The second, a Folder Restoration feature, monitors for changes to the Target Folder and restores files on the Target accordingly. To properly use the restore feature, you will need to select the "Always overwrite Target files" option.

Notes:

1. [Bi-directional](#) will be ignored for Real-Time Jobs.
2. When synchronizing to an [FTP](#) Target, PeerSync will suppress Real-Time Jobs until initial synchronization has completed.

Use Enhanced Real-Time Monitoring: Enhanced Real-Time file monitoring and updating option. This feature allows the Real-Time feature in PeerSync to detect individual changes to files and synchronize only the file which has changed without scanning the entire folder where the change occurred. Normally, synchronization software scans and compares all files into a folder which is being synchronized. This feature does not scan folders unless the change is indeterminate. Under MS Windows NT4/2000, this feature is extended to the file/folder rename operations as well. If a file or folder is renamed, PeerSync will rename the corresponding Target File or folder using rename functions as opposed to copying the newly renamed Source Folder to the Target and then subsequently deleting the outdated Target file/folder. This feature greatly reduces the time required to synchronize files and also reduces network band width requirements.

Notes:

1. [Bi-directional](#), [During comparison subtract/add x minute\(s\) from Target](#), and [Trigger Selections](#), as well as, other non

applicable features may be ignored during Enhanced Real-Time.

2. It is recommended either use the Enhanced Real-Time option for all or none of your Real-Time Jobs within a Profile.
3. Using Enhanced Real-Time will produce a different file output format for all modes of reporting and message logging ([Reporting](#), [Admin Reporting](#) and [Email Reporting](#)). The output will NOT contain a start and stop section or a summary, each entry will also be initially marked with a date and time stamp. If use summary is selected for Admin or Email reporting then the standard selection will be used. The reason this is done is due to the fact that processes will be running in parallel.

7.3 Blackout Settings

Blackout Settings

Set Blackout Times

Start time: 09:00 AM [dropdown] [New]

End time: 05:30 PM [dropdown] [Delete]

List of Current Selections (1):

9:00:00 AM - 5:30:00 PM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Suspend active scans when a Blackout period starts

► Topics

[Blackout Settings Overview](#)

7.3.1 Blackout Settings Overview

This screen will enable you to set a blackout period during the daily synchronization. This is a period in which the synchronization will stop and wait until the blackout period has expired according to the specified settings. This would be a useful feature if you wish to stop all the synchronization activities during a particular time when the Network Bandwidth is busy with other activities (such as during working hours).

You may also choose to **Suspend** active scans when a Blackout Period starts. Enabling this option will stop all the scheduled scans during the specified blackout.

7.4 Scan Limitations

► Topics

[Maximum Duration of Scans](#)

[Initiate Scan on trigger File Change](#)

[Enhanced Package](#)

Note: Features listed on this page require the [Enhanced Package](#).

7.4.1 Maximum Duration of Scans

Enabling the **Set maximum duration to x minutes** option allows you to specify a maximum duration for each Job. This gives you the ability to limit the run time of a Job during initial, interval, and scheduled scans.

7.4.2 Initiate Scan on Trigger File Change

These settings ensure that the Target Folders always remain updated to their corresponding Source by comparing dates indicated by individual Trigger Files. For example, if a Source Trigger is found to be newer than a corresponding Target Trigger, a synchronization process will be allowed to proceed for the selected Job(s). If the files date and time stamps match then the synchronization will not be processed. Therefore, the run of the sync process is in essence, determined by the trigger files.

Use Trigger Files: This feature is used to activate or trigger synchronization based upon date comparison between an individual Source Trigger File and a separate Target Trigger File. If the Target Trigger File is older than the Source Trigger File, the entire Source Folder(s) will be synchronized.

Default File Name: Displays the Default Global Trigger File Name: **GLBCHG.000**

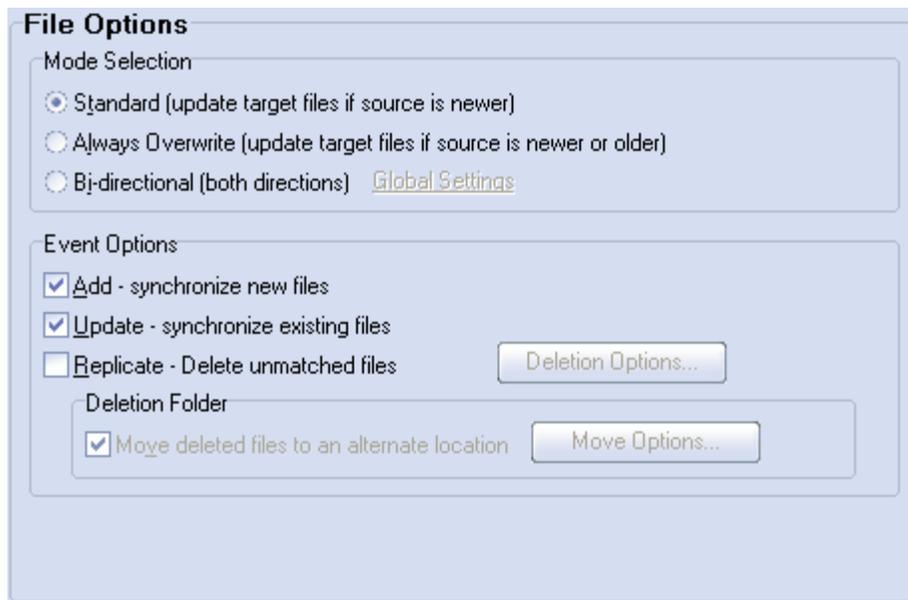
Source Trigger File: This field allows you to specify a Global Trigger File by entering it manually, or by selecting it using the browse button located at the right side of the field.

Use Current Paths: Automatically selects the current Trigger Files associated with the Source and Target Folders.

Target Trigger File: This field allows you to specify a Global Trigger File by entering it manually, or by selecting it using the browse button located at the right side of the field.

Note: During [Enhanced Real-Time](#), Trigger Selections will be ignored.

7.5 File Options



► Topics

[Mode Selection](#)

[Event Options](#)

7.5.1 Mode Selection

Standard (update Target Files if Source is newer): With this mode selection, PeerSync will update files on the Target only if the Source is newer.

Always overwrite (Update Target Files if the Source is newer or older): This feature automatically overwrites any files in the Target Folder that have a different date\time stamp than their corresponding Source File, even if the Target File is newer. This feature can be used to restore folders to a previous state either for backup/restore operations or to reset files after training operations.

Bi-directional (both directions): With this feature selected, PeerSync will merge the data of the Source and the Target folders during Scan at Start, interval and scheduled scans. This feature may be ignored during Real-Time and Enhanced Real-Time modes. The following will happen when this feature is selected with the [Replicate - Delete unmatched files/folders](#) option enabled:

If a File exists in both Source and Target Folders: PeerSync will compare the Modified

date/time of the files and update/overwrite the older file with the newer file. If the modified date/time is identical PeerSync will not perform any action.

If a File exists in only the Source or Target Folder: PeerSync will compare the Modified, Created and Accessed date/time of the file with the stored [Last Run On](#) date/time of the Job. If any of the three file date/times are newer than the stored [Last Run On](#) date/time the file will be added, otherwise the file will be deleted.

If a Sub-Folder exists in only the Source or Target Folder: The Source will be seen as the primary folder and any sub-folders with content existing on the Source will be added to the Target. If the folder is empty or exists on the Target, PeerSync will compare the Modified, Created and Accessed date/time of the folder with the stored [Last Run On](#) date/time of the Job. If any of the folder date/times are newer than the stored [Last Run On](#) date/time the folder and all of its contents will be added, otherwise the folder will be deleted.

Notes:

1. This feature is ignored during [Real-time](#) monitoring.
2. This feature may be ignored when using a TCP or FTP [Source](#) or [Target](#).
3. This feature may be ignored when using [Compression](#).
4. Non NTFS partitions may behave differently during this mode. You may notice files being retained for up to one day, even if you delete a file from the Source or Target.
5. Modifications, such as renames and deletes, of Target Folders are subject to restoration in this mode.

► **Related Options**
[Global Bi-directional Options](#)

Always create a super-set during bi-directional synchronization: This feature will alter the way the [Enable bi-directional synchronization mode](#) option functions by always creating a super-set of the data on the source and target. In this mode folders and files will always be added and not deleted.

Use enhanced bi-directional synchronization mode options: This feature will alter the way the [Enable bi-directional synchronization mode](#) option functions by using enhanced features to track all file and folder adds, updates, deletions, renames and moves between scan cycles. In this mode, PeerSync will use a hidden system trigger file within each sub-folder to store information about the last scan cycle for that sub-folder. Using this trigger file, PeerSync can determine if a Folder was added, deleted, renamed or moved since the last scan.

Notes:

1. Please refer to our [White Papers](#) page for step-by-step tutorials to achieve real-time or scheduled bi-directional synchronization.
2. When the "Always create a super-set during bi-directional synchronization" option is NOT selected (i.e. doing standard or enhanced bi-directional synchronization) we recommend you add [/YO-](#) and [/QYD:0](#) to your list of [command line arguments](#). These options will ensure that during standard or enhanced bi-directional synchronization, deleted files from one side are not re-added by the other side. These arguments should NOT be used if there are more than two machines involved in a bi-directional synchronization.

7.5.2 Event Options

Add - synchronize new files to Target: If the Source contains files not found within the Target and this feature is selected, those files will be added to the Target Folder during synchronization. This feature is selected by default.

Update - synchronize existing files in Target: If this feature is selected, Target Folder files which are also found within the Source will be updated to match those Source files during synchronization. This feature is selected by default.

Replicate - Delete unmatched files: If this feature is selected, any unmatched files found in Target Folders will be deleted automatically.

CAUTION: Use this feature carefully. If not configured properly, needed files may be permanently deleted. A deletion warning is NOT displayed by default: Profiler must be first set to display this warning through the "Deletion Warning Message" check box.

► Related Options

[Deletion Options](#)

[Move Options](#)

Once the [Replicate - Delete unmatched files](#) option is turned on the **Deletion Options** button will be enabled for further configuration. Clicking on the Deletion Options button opens the "Additional Options" dialog box which contains the following features:

Deletion Warning Message: The upper section of this screen allows you to enable or disable a Deletion Warning Message, as well as set the number of seconds for which a Message will be displayed. (a message is NOT enabled by default and is not available during Enhanced Real-Time). In addition, you can also choose to display a message requiring manual intervention in order to activate deletions.

Delete Excluded Files - Delete Excluded Files from the Target: This feature will delete any files on the Target that meet the criteria selected for the [Exclude Files \(using sub-strings\)](#) option on the Exceptions screen if the [Replicate - Delete unmatched files/folders](#) option is selected from the File Options screen.

By clicking on the **Move Options** button you will be able to access the Move Deleted File Options window which has the following settings available:

Move Deleted Files Options: This section provides a field where the user can designate an alternate folder to which unmatched files will be moved in order to avoid permanent deletion. This folder path can be typed manually, or selected using the browse button provided to the right of the field. If the designated folder exists, all unmatched files will be moved there, allowing you the opportunity to recover files deleted from the Target. This field also supports [File/Folder Path Variables](#) and when used, the current path will be displayed above the field. Beneath this field are path options.

We strongly recommend using a Deletion Folder that is located on the Target host computer. Relocation to an alternate drive or host adds unnecessary processing and bandwidth overhead. For this reason PeerSync uses the following Deletion Folder variables:

%TARGETROOT%:	This variable resolves to the root directory of the target path. For example if the target path is \\machine1\c\$\Target\Docs, the deletions path %TARGETROOT%\Deletions will resolve to \\machine1\c\$\Deletions. This variable is used by default.
%TARGETPARENT% :	This variable resolves to the parent directory of the target path. For example if the target path is \\machine1\c\$\Target\Docs, the deletions path %TARGETPARENT%\Deletions will resolve to \\machine1\c\$\Target\Deletions.

Relative Paths: This feature will move files deleted by PeerSync from the root folder to the root of the selected folder. Files deleted from sub folders will be moved to corresponding sub folders below the root selected deletion folder. This feature is intended (works best) for a Profile with a single Job.

Example:	Source Folder:	C:\MyDocs\Files\
	Target Folder:	D:\MyDocs\Files\
	Move Path:	C:\DeleteFolder\
	If you delete:	C:\MyDocs\Files\Sub\File.txt
	PeerSync will move:	D:\MyDocs\Files\Sub\File.txt
	To:	C:\DeleteFolder\Sub\File.txt

Preserve Paths: This feature will recreate the original path of the deleted file under the specified path. Therefore, a file deleted by PeerSync will be moved into a folder that corresponds to the file's original location: under the selected deletion folder. This feature is intended (works best) for a Profile with Multiple Jobs.

Example:	Source Folder:	C:\MyDocs\Files\
	Target Folder:	D:\MyDocs\Files\
	Move Path:	C:\DeleteFolder\
	If you delete:	C:\MyDocs\Files\Sub\File.txt
	PeerSync will move:	D:\MyDocs\Files\Sub\File.txt
	To:	C:\DeleteFolder\ D:\MyDocs\Files\Sub\File.txt

Use Recycle Bin: This feature allows you to specify the Windows Recycle Bin as a location for unmatched files. This feature is not intended for use when file deletions made by PeerSync may occur on a non-local machine or device. Only files deleted from a local drive can be moved to the Recycle Bin, if this feature is used all network files will be permanently deleted.

Delete unmatched Target Files older than x days: This feature is intended for the cleanup of files that were candidates for deletion but were selected to be moved to an unmatched folder. By use of this feature, PeerSync can be used to temporarily store files setup for deletion and then have the files deleted after a specified number of days. By default deletion folders are checked every 6 hours. This interval can be modified by using the [/LH:n](#) argument where n is represented in minutes.

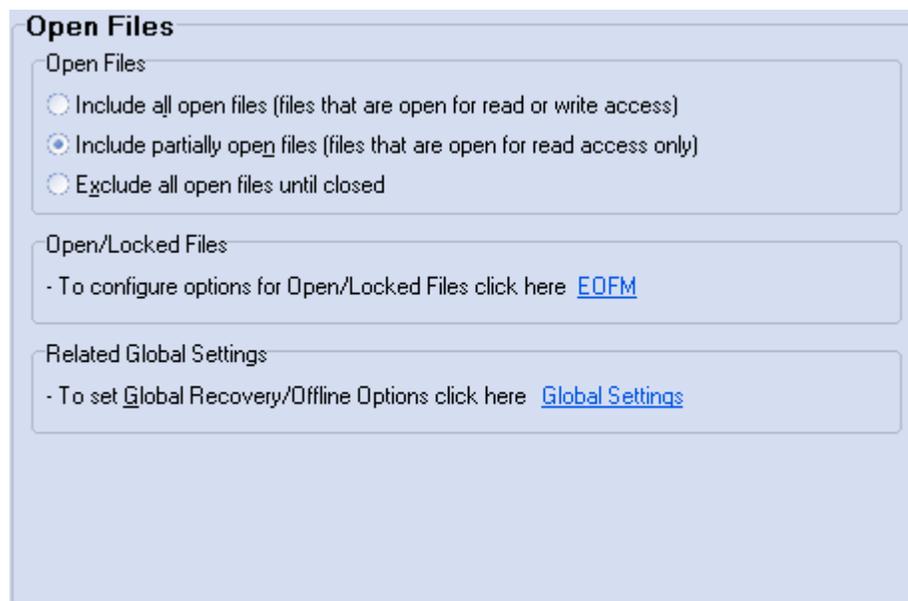
Notes:

1. Only one copy of any file can exist in your designated Recovery folder.
2. To avoid filling up your hard drive unnecessarily, you should periodically check this folder and delete unwanted files or use the [Delete unmatched Target Files older than x days option](#).
3. Only files deleted from a local drive can be moved to the Recycle Bin, if this feature is used, all network files will be

permanently deleted.

4. When synchronizing to an [FTP Target](#), the [Move unmatched Target Files](#) option is not available.
5. When using [Compression](#), the [Move unmatched Target Files](#) option is not available.
6. The Deletion Warning Message option is not available during [Enhanced Real-Time](#).
7. When using the [Alternate Target Path Selections](#) feature you cannot use [variables](#) that are specific to the Job (i.e. %JobName%, %SourcePath%, etc.) for the [Move unmatched Target Files](#) option.

7.6 Open Files



► Topics

[Open Files Overview](#)

[Open/Locked Files](#)

[Related Global Settings](#)

7.6.1 Open Files Overview

Include all open files: Open files are those that are currently in use during synchronization. If these files are set for synchronization and this feature is selected, PeerSync attempts to include them within the synchronization process.

Note: If PeerSync is able to synchronize files which are in use by other applications, access to those applications may in certain instances be temporarily lost during synchronization.

Include partially open files: Open files that are currently in use and open for read access only. If these files are set for synchronization and this feature is selected, PeerSync attempts to include them within the synchronization process.

Exclude all open files until closed: This option will exclude all open files from the synchronization until they have been completely closed.

7.6.2 Open/Locked Files

By clicking on the [EOFM](#) link from this section you will be able to configure the EOFM for processing local Open/Locked Files. Click here for the [Global EOFM Options](#).

Note: This features requires the [Enhanced Package](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.6.3 Global Settings

By clicking on the Global Settings link you will be able to configure the **Global Recovery/Offline Options**. Alternatively you can access this screen from the [Global Settings](#) window. The Global Recovery/Offline Options screen is also available from the [Options](#) menu.

Retry Open and Inaccessible Files

Retry open files every x seconds: Use this feature to specify, in seconds, how often PeerSync will attempt to synchronize Source Files that are in use. If the "Include open files" option on the [File Options](#) screen has not been checked and "Retry" is selected, PeerSync will continue attempting to synchronize files that are opened by other applications. "Retry" will also work when "Include open files" has been checked and a file is read-locked by another application. When the "Retry" option is on, PeerSync will synchronize the open file within x seconds after the file has been closed.

Set maximum number of retries to x: This feature sets a limit indicating how many times to attempt to process open files. The default, 0, indicates an indefinite number of retries.

Failed Connection Options

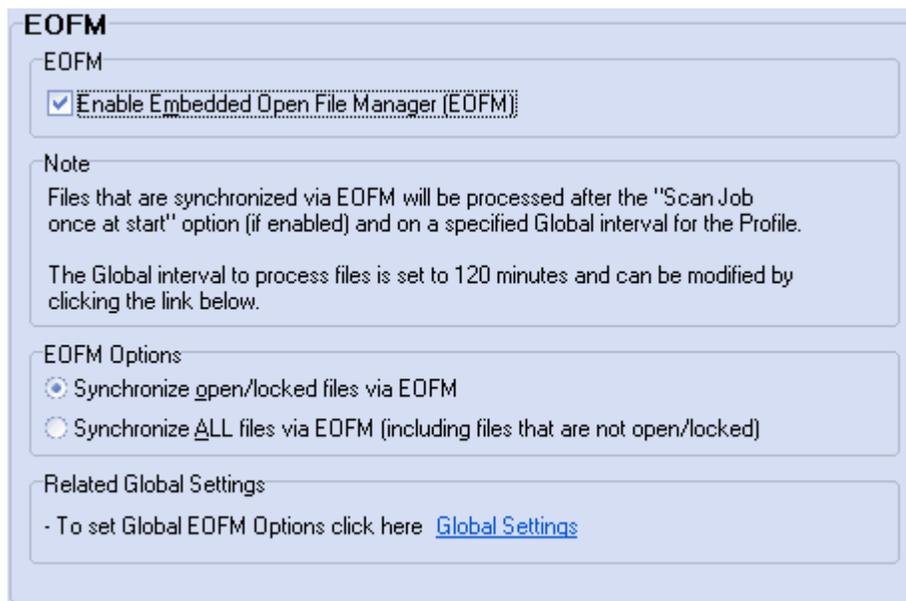
Retry failed connections every x minutes: PeerSync monitors persistent Jobs (Real-Time, scheduled, interval) for connectivity, and suspends the Job until a connection is resumed. This allows PeerSync to ensure that synchronizations are only attempted when a connection exists. This feature is set by default to a 1 minute interval and can be modified or disabled.

Reconnect Options

Run a scan on reconnect: This feature will initiate a full scan at Reconnect to process any file/folder changes which may have occurred during the connection failure.

Store missed events and process on reconnect: This feature pertains to any Job running in a Real-Time mode. Having this option enabled will store Real-Time events during failed connections and will process these events at Reconnect, eliminating the Source/Target Folder scan.

7.7 EOFM



► Topics

[EOFM Overview](#)

[EOFM Options](#)

[Related Global Settings](#)

Note: Features listed on this page require the [Enhanced Package](#).

7.7.1 EOFM Overview

Enable Embedded Open File Manager (EOFM): Through a partnership with open file technology leader St. Bernard Software, PeerSync is now equipped to have total access to all previously open and locked files. This feature has been integrated with PeerSync to allow synchronization of critical data such as system files and databases. By default this feature is enabled at the end of a manual synchronization and is run every 2 hours during persistent (Real-Time or scheduled) modes. The interval can be modified from the Global Settings screen via the [Global Recovery Offline Options](#) button. The interval can also be modified on the command line by using the [/GY:n](#) argument where n is represented in minutes, with a minimum interval of 30 minutes. For more features on configuring this option please view the [Embedded Open File Manager Arguments](#).

Notes:

1. This option requires the [Enhanced Package](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. This feature only works for local Source folders and will be ignored with an [FTP Source](#).
3. This feature may be ignored when using an [FTP Target](#) in conjunction with [File Compression](#).
4. This feature may be ignored when using [Folder Compression](#).

7.7.2 EOFM Options

Synchronize open/locked files via EOFM: Through the use of this feature PeerSync will enable processing of the Open and Locked Files from the local machine, through the use of the Embedded Open File Manager. Please note the EOFM will delay processing of files to the [specified EOFM interval](#).

Synchronize ALL files via EOFM (including files that are not open/locked): Through the use of this feature, you can force PeerSync to send all the file processing through the EOFM. Please note the EOFM will delay processing of files to the [specified EOFM interval](#).

Notes:

1. This option requires the [Enhanced Package](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. This feature only works for local Source folders and will be ignored with an [FTP Source](#).
3. This feature may be ignored when using an [FTP Target](#) in conjunction with [File Compression](#).
4. This feature may be ignored when using [Folder Compression](#).

7.7.3 EOFM Related Global Settings

By clicking on the Global Settings link you will be able to configure the **Global EOFM Options**. Alternatively you can access this screen from the [Global Settings](#) window. The Global Settings window is also available from the [Options](#) menu.

By default the Embedded Open File Manager (EOFM) is set to run on an interval of 120 minutes. This interval may be changed by simply changing the interval time.

For more information on configuring the Embedded Open File Manager click on the following: [Embedded Open File Manager Configuration and Behavior](#)

Notes:

1. This option requires the [Enhanced Package](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. The minimum EOFM interval is 30 minutes.
3. This feature only works for local Source folders and will be ignored with an [FTP Source](#).
4. This feature may be ignored when using an [FTP Target](#) in conjunction with [File Compression](#).
5. This feature may be ignored when using [Folder Compression](#).

Set maximum number of copy threads to x (* [Multi Threading Option](#)): This feature will limit the number of copy threads to be spawned and used for the selected Job during folder scans. This thread limit does not apply to enhanced Real-Time events. By using limits for scanning, it helps the Profile to better process Enhanced Real-Time events during heavy scan operations.

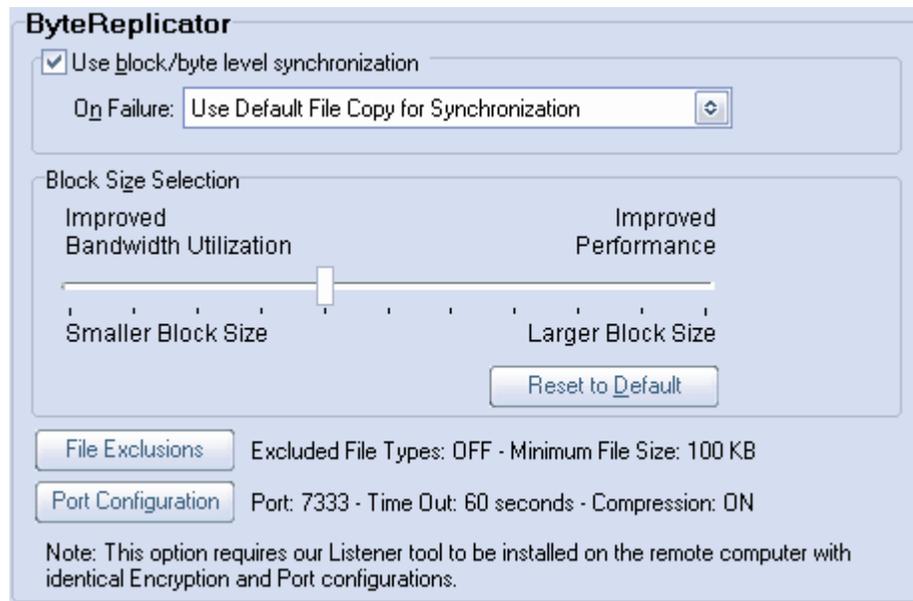
Note: Some features described on this page require the [Multi Threading Option](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.8.2 Related Global Settings

By clicking on the Options/Commands link you will be able to configure the **Global Application Priority Options** screen. Alternatively you can access this screen from the [Global Settings](#) window as well as the [Options/Commands](#) window. The Global Settings window is also available from the [Options](#) menu.

Please visit [Global Performance Options](#) for more information on this topic.

7.9 Byte Replicator



► Topics

[Byte Replicator Overview](#)

[Block Size Selection](#)

[File Exclusion](#)

[Port Configuration](#)

Note: Features listed on this page require the [Byte Replicator](#) options.

7.9.1 Byte Replicator Overview

The Byte Replicator screen enables and configures Block/Byte level synchronization for the Job selected. In order for Byte Replicator to be enabled, the following criteria must be present:

The Source Path must point to a folder in a local drive letter
The Target Path cannot be an FTP Target
The PS Listener Service has been installed on the Target Machine
The PeerSync license has an available [Remote Connection Licenses with Byte Replicator](#)

To enable the Byte Replicator check the Use Block/Byte Level Synchronization box. This enables or disables Block/Byte Level Synchronization. If this is disabled, PeerSync will use the standard copy method to synchronize the file.

If the Byte Replicator fails to synchronize a file, i.e. On Failure, PeerSync will either:

Log Messages & Use Recovery Intervals (if applicable)
Use Default File Copy for Synchronization

Note: The [Byte Replicator](#) is an optional feature which may not be included in your package. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.9.2 Byte Replicator Block Size Selection

This slider controls whether either Performance or Bandwidth Utilization is most important. Files synchronized with the slider set **Low** will take longer to complete than with the slider set **High**.

Note: The [Byte Replicator](#) is an optional feature which may not be included in your package. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.9.3 Byte Replicator Exclusions

Clicking on the **Exclusions** button opens the Byte Replicator **File Exclusions** window. Files that match types in the exclusion string (types by file extension) or files that have a size lower than the Minimum File Size will use the default file copy method instead of the Byte Replicator feature.

Excluded File Types: Field containing a list of file types that will use the default file copy method instead of the Byte Replicator. This feature can be configured by clicking the button to the right of this field.

Minimum File Size: Files with sizes lower than the value in this field will be copied using the default file copy method instead of the Byte Replicator.

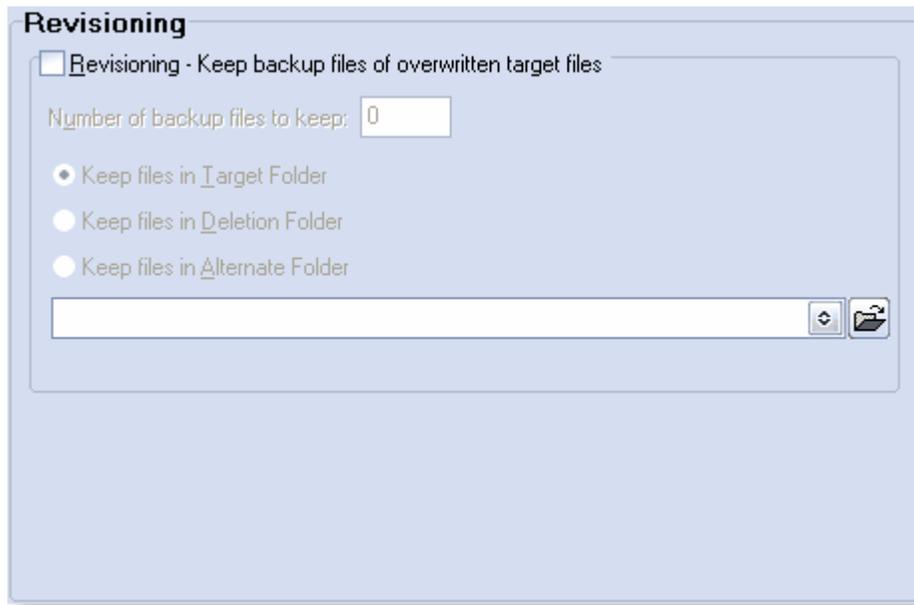
Note: The [Byte Replicator](#) is an optional feature which may not be included in your package. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.9.4 Byte Replicator Port Configuration

Clicking on the **Port Configuration** button displays the **Target TCP/Port Configuration** window. This window allows for a common TCP and/or Byte Replicator configuration option for both the Source and Target paths (see the [TCP Port Configuration](#) tab for more information).

Note: The [TCP WAN Connector \(TCP\)](#) and [Byte Replicator](#) are optional features which may not be included in your package. Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.10 Revisioning



► Topics

[Revisioning Overview](#)

7.10.1 Revisioning Overview

Revisioning - Keep backup files of overwritten Target Files: Through the use of this feature, you can use PeerSync to keep multiple versions of each file. This is a great feature for recovering a previously saved version of a file.

Number of backup files to keep: Designates the number of revisions to keep for each file. PeerSync revisions each file by adding a ".PSBAK1" extension to the existing Target File before replacing it with the updated Source File.

Example: "MyFile.txt" will become "MyFile.txt.PSBAK1"

If more than one backup is selected, each file will be renamed to the next revision when an update occurs:

Example: "MyFile.txt.PSBAK1" is renamed to ".MyFile.txt.PSBAK2"

The newest revisions (backup files) will bear the lowest number while the oldest will have the higher number:

Example: Newer... PSBAK1, PSBAK2, PSBAK3, PSBAKn ...Older

Note: If the "Delete Unmatched" option is selected and the Source File that has corresponding PSBAK files deleted, all associated PSBAK files will also be deleted.

Keep files in Target Folder: By default, revisions will be stored in the Target Folder where the updated Target Files reside.

Keep files in Deletion Folder: You also have the option of using the Deletion Folder for storing revisions. This is quite useful when used in conjunction with the [Delete unmatched Target Files older than x days](#) option, which is used for automatic cleanup of old revisions.

Keep files in Alternate Folder: You may specify the folder path where you would like the revisions stored to. This option will give you the ability to specify a separate revision folder per Job.

We strongly recommend using a Revisions Folder that is located on the Target host computer. Relocation to an alternate drive or host adds unnecessary processing and bandwidth overhead. For this reason PeerSync uses the following Revisions Folder variables:

%TARGETROOT%:	This variable resolves to the root directory of the target path. For example if the target path is \\machine1\c\$\Target\Docs, the revision path %TARGETROOT%\Revisions will resolve to \\machine1\c\$\Revisions. This variable is used by default.
%TARGETPARENT% :	This variable resolves to the parent directory of the target path. For example if the target path is \\machine1\c\$\Target\Docs, the revisions path %TARGETPARENT%\Revisions will resolve to \\machine1\c\$\Target\Revisions.

Notes:

1. This feature may be ignored when using an [FTP Source](#).
2. This feature may be ignored when using [Folder Compression](#).

7.11 Miscellaneous

Miscellaneous

Temp Files

Use intermediate file during copy

Target File/Folder Alterations

Transfer NT security descriptions (ACLs) [ACL Options...](#) [Global Settings](#)

Force target file attribute settings [File Attribute Options...](#)

Source File/Folder Alterations

Move Files - Delete source file after successful copy to target

Turn file archive attribute off after synchronization

Additional Event Options

Include attribute change as synchronization criteria

► **Topics**

[Temp Files](#)

[Target File/Folder Alterations](#)

[Source File/Folder Alterations](#)

[Additional Event Options](#)

7.11.1 Temp Files

Use intermediate file during copy: If this box is checked, a temporary file will be created in the Target Folder: the contents of the Source File will then be copied into this temporary file. After a successful copy, the Target File will be deleted and the temporary file will be renamed to bear the Target File name. This feature ensures that the updated file will only replace the Target File if copy is successful. If the copy process should be interrupted because of some outside factor (network down, power outage, etc), the original Target file will still be preserved.

Note: This feature may be ignored when using [Folder Compression](#).

7.11.2 Target File/Folder Alterations

* **Transfer NT security descriptions (ACLs):** If this feature is checked, PeerSync will transfer over and match the security descriptions (ACLs) to the Target file upon synchronization, under Windows NT platforms. When this option is enabled, the [ACL Options](#) and [Global ACL Options](#) links will be enabled for further configuration.

* **Force target file attribute settings:** If this feature is selected, the **File Attributes Options** dialog will be displayed. In this dialog, you may select to force any attribute on or off for the Target files that are synchronized within the selected Job(s).

File Attribute Options Button: This button opens the **File Attribute Options** dialog box. Once this box has opened, it provides the user the selection to ignore, force on, or force off attribute settings on Target files that are synchronized within the selected Job(s).

* **Notes:**

1. *Care must be exercised when using ACL options to synchronize files and folders between different domains. File security transfers could make the target file inaccessible after transfer/update.
2. This feature may be ignored when using an FTP or TCP Source or Target.
3. This feature may be ignored when using [Folder Compression](#).

► **Related Options**

[ACL Options](#)

[Global ACL Options](#)

ACLs Options: Once this button has been clicked, the **ACLs Options** screen will open. This windows allows the user to select various levels of ACLs to transfer: Owner, Group, DACL, SACL.

This screen is activated by clicking on the **Global Settings** link located to the right of the **ACL Options** button. This window has the following features:

Monitor ACL changes during real-time: This global feature will enable Real-Time monitoring to detect and process ACL changes.

Check for ACL changes during scans: This global feature will validate and apply ACLs during folder scans.

Note: Folder security checks occur during scans and folder create only.

7.11.3 Source File/Folder Alterations

Move Files - Delete source file after successful copy to target: This feature will delete the Source file after the file is copied to its corresponding Target folder.

Note: This feature should not be used with the Delete Unmatched Target Files option on the [File Options](#) screen because conjunct use of the two options will greatly increase the chance of data loss.

Turn file archive attribute off after synchronization: This feature resets the archive flag on the Source and Target file after synchronization. The Windows file system automatically sets the archive bit for every file that has changed; normally, this is used to indicate that a given file has been modified since the last time its archive bit was set. Most tape back-up programs use this flag to determine which files have changed since the last backup. This option will alter Source files. PeerSync uses this feature to reduce the number of files that are checked on the Source drive.

Notes:

1. Source files that are not being synchronized to Target folders will NOT have their archive flags reset. This process only occurs after successful synchronization of a changed file.
2. This feature may be ignored when using an [FTP Source](#).

Hint: To reset all Source file archive flags, use the "Always Overwrite Target Files" feature. This configures all files for synchronization and consequently qualifies them for the reset of archive flags. This feature only needs to be selected once to be applied to existing sync operations.

7.11.4 Additional Event Options

Include attribute change as synchronization criteria: This feature allows for the synchronization of files that have different attributes. If this feature has been selected, a Source file whose attributes do not match the Target will still be included in the synchronization process.

7.12 Additional Features

Additional Features

Additional Options

Enable file recovery

Replace in-use files upon reboot Reboot Options...

Validation Options

Perform binary comparison on all files (using CRC32)

Validate target file (using CRC32) Retry Options...

File Time Change Options

Dying comparison subtract minute(s) from target

Convert file times to GMT for comparison between time zones

After synchronization subtract minute(s) from target

► Topics

[Additional Options](#)

[Validation Options](#)

[File Time Change Options](#)

Note: Features listed on this page require the [Enhanced Package](#).

7.12.1 Additional Options

Enable file recovery: This enables the file recovery option to continue a file copy which may have been interrupted. If the Source and Target file name and date match but the Target file is smaller, PeerSync will start the copy operation from the last byte that was sent the next time a sync operation is executed on the folder.

Note: Enable file recovery will be ignored with an [FTP Source](#) or [FTP Target](#).

Replace in-use files upon reboot: If this feature is selected, once a file is open and locked on the Target Folder, it will be set to be replaced the next time the machine is rebooted.

Note: This option is only applicable for Jobs with a local Target Folder.

Reboot Options Button: This button opens the **Reboot Options** dialog box. The default option is "Do not reboot", you may also choose to "Display reboot dialog", or to "Automatically reboot".

Note: Features described on this page require the [Enhanced Package](#).

7.12.2 Validation Options

Perform binary comparison on all files (using CRC32): Option to check all Source and Target files for binary match during folder scan/compare cycle (using CRC32). This check ensures that what is on the Target matches the Source at a binary level.

Validate target file (using CRC32): Option to validate file using CRC32 binary comparison after successful file copy operation.

Note: Perform binary comparison on all files and Validate Target file (CRC32 features) will be ignored with an [FTP Source](#) or [FTP Target](#).

Retry Options Button: This button opens the **Validate File Copy Options** dialog box. Once this box has opened, it allows for the selection of a retry value. If the file is not validated PeerSync will retry the CRC32 validation x times.

Note: Features described on this page require the [Enhanced Package](#).

7.12.3 File Time Change Options

During comparison subtract/add x minute(s) from target: Option to add or delete time from Target file during folder comparison. This allows for synchronization of files between dissimilar time zones or to allow for some time difference between Source and Target in case Target machine date is slightly different from Source.

Note: This feature may be ignored during [Enhanced Real-Time](#).

Convert file times to GMT for comparison between time zones: Option to convert file times to GMT for comparison between time zone differences of the Source and Target folders. This feature is quite useful way of synchronizing data between machines located in different parts of the world.

After synchronization subtract/add x minute(s) from target: This option can add or delete time from Target file after synchronization. This allows for synchronization of files between dissimilar time zones, or to allow for some time difference between Source and Target in case Target machine date is slightly different from Source.

Note: Features described on this page require the [Enhanced Package](#).

7.13 Exceptions

The screenshot shows the 'Exceptions' dialog box with the following fields and options:

- Include Files:** A text input field with a file icon and a browse button.
- Exclude Files:** A text input field containing the wildcard pattern '*.tmp;' with a file icon and a browse button.
- Exclude Folders:** A text input field with a file icon and a browse button.
- Exclude File Sizes:** Two input fields: 'Greater than: 0 bytes' and 'Less than: 0 bytes'.
- Current Attributes:** A dropdown menu showing 'NASHR' and a browse button.
- Selected File Dates:** A text input field containing 'Use all dates' and a browse button.

► Topics

[Exceptions Overview](#)

[Include Files](#)

[Exclude Files](#)

[Exclude Folders](#)

[Exclude File by Size](#)

[Exclude Files by Attributes](#)

[Exclude Selected File Dates](#)

7.13.1 Exceptions Overview

The Exceptions screen is used after you have selected a Job or Multiple Jobs from the [Profile Job List](#) and then created an associated Source and Target Folder on the [Folder Selection](#) screen. Through Exception options, PeerSync allows you to selectively apply synchronization to files contained within the Source Folder according to a wide range of explicit criteria.

7.13.2 Include Files

Include Files: Use this field to determine which file types will be included as part of synchronization. File Type Inclusions are specified by a star command followed by the file extension (i.e. *.doc). You can also specify specific file names and/or sub strings using the * wild card.

The default setting * includes all files.

Multiple Inclusions can be used and are semicolon delimited (i.e. *.doc;*.txt;*.exe).

Inclusions are not case sensitive, (i.e. "A" = "a").

Examples: *.doc	- includes any file ending with the extension .doc
docs	- includes any file that contains the string docs
copy*	- includes any file starting with the string copy
file;data	- includes any file containing the strings file or data
;	

Inclusions can be typed manually, or can be specified using either the Include File Types button or drop-down list located to the right of the field.

Include Files Button: Opens an "Exceptions" dialog box into which file extensions may be entered. The "include all files" command * will be shown by default.

To add an extension, click "New." Next, type the desired extension into the field located at the bottom of the dialog. Repeat this process for each desired file type. Inclusions 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 Inclusions you have specified will automatically appear in the Include File Types field in the proper format (separated by semi-colons).

The drop-down list located to the right of this field will be dynamically populated with Inclusions as they are set through the "Exceptions" dialog described above. They are also added to the list when you exit the field after manually editing the Include File Types field. Inclusions can then be specified by selecting them from this list. This provides a way to store and/or retrieve sets of Inclusions for later use with other Jobs.

7.13.3 Exclude Files

Exclude Files: Through this field, files can be selectively excluded from synchronization using sub strings or using wild cards. Exclusions are set by specifying individual characters (i.e. ~), sets of characters (i.e. **copy***), or file extensions (i.e. ***.tmp**) which, if found within a file name, will exclude that file from synchronization.

Multiple characters and strings can be used and are semicolon delimited (i.e. **~;*.*tmp;copy***)

These settings are not case sensitive, (i.e. "A" = "a")

```
Examples: ~           - excludes any file containing the character ~
          tmp         - excludes any file that contains the string tmp
          copy*      - excludes any file starting with the string copy
          *.tmp      - excludes any file ending with the extension .tmp
          .tmp;.bak - excludes any file bearing the strings .tmp, .bak or the character ~
                   ;~
```

Exclusions can be typed manually, or can be specified using either the [Exclude Files Button](#) or drop-down list located to the right of the field.

Exclude Files Button: Opens a dialog box into which Exclusions may be entered.

To add an Exclusion click "New," then type the desired character or string into the field located at the bottom of the dialog. Repeat this process for each Exclusion. Entries can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the box. Once you have finished, click the "OK" button. The box will close and all of the Exclusions you have specified will automatically appear in the Exclude Files field.

The drop-down list located to the right of this field will be dynamically populated with Exclusions as they are set through the dialog box described above. They are also added to the list when you exit the field after manually editing the Exclude Files field. Exclusions can then be specified by selecting them from this list. This provides a way to store and/or retrieve sets of Exclusions for later use with other Jobs.

7.13.4 Exclude Folders

Exclude Folders: Use this field to exclude folders from synchronization by specifying a folder name in file path format, (i.e. **\TEMP** or **C:\WINDOWS**). These examples will exclude any folder path that contains these strings including sub-folders.

If you wish to exclude only a specific or root folder such as **"C:\WINDOWS"** but include sub-folders you must include a **"#"** in front of the complete folder path (i.e. **"#C:\WINDOWS"**). This example will exclude any files in this directory but include any files in its sub-folders. A semicolon separates multiple folder exclusions.

If you wish to exclude multiple folders that contain the same string do not include the **"\"** at the end of the folder exclude (i.e. **\Docs**).

These settings are not case sensitive, (i.e. "A" = "a")

Examples	\Docs \Docs\ C:\Docs\ #C:\Docs\	- excludes files and sub-folder in folders starting with Docs (i.e. Docs, Docs1, DocsA, etc.) - excludes files and sub-folder in folders named Docs - excludes files and sub-folder in the folder C:\Docs\ - excludes files in the folder C:\Docs\ but includes files in its sub-folders
----------	--	---

Exclusions can be typed manually, or can be specified using either the [Exclude Folders Button](#) or drop-down list located to the right of the field.

Exclude Folders Button: Opens a dialog box into which Folder Exclusions may be entered.

To add an Exclusion, click "New," then type the desired folder name into the field located at the bottom of the dialog. Repeat this process for each Exclusion. Entries can be deleted by selecting them from the list and clicking the "Delete" key at the bottom of the box. Once you have finished, click the "OK" button. The box will close and all of the Exclusions you have specified will automatically appear in the Exclude Folders field. The drop-down list located to the right of this field will be dynamically populated with Exclusions as they are added. Exclusions can then be specified by selecting them from this list. This provides a way to store and/or retrieve sets of Exclusions for later use with other Jobs.

Exclude empty source folders: This feature will exclude and will not sync empty Source Folders to the Target.

7.13.5 Exclude Files by Size

Exclude File Sizes: Use the Greater Than or Less Than fields to exclude files based upon their size in bytes. Zero, by default, includes all files.

7.13.6 Exclude Files by Attributes

Current Attributes: Using the characters "NASHR," this field displays which file attributes (Normal, Archive, System, Hidden, and Read-Only) have been selected as criteria for synchronization. All attributes are selected by default. Clicking the button to the right of this field opens a window from which file attributes may be included or excluded.

7.13.7 Exclude Selected File Dates

Selected File Dates: Use this field to specify files set for synchronization according to their date stamp. The default setting includes all file dates. Clicking the button to the right of this field opens a "Select File Dates" screen.

This screen allows you to include all files, include files more than **x** days old, include files bearing the current and past **x** day's date, or specify a range of the dates. The Set Today's Date button automatically updates the existing range to reflect the current day.

7.14 Reporting

Reporting

Use log file

C:\Program Files\Backup.Log

Overwrite existing log file

View Clear

Report File Content

Added files Updated files Summary Messages

File date File time Folder names Exceptions

File size Transfer time Folder creation

Log File Size/Content

Set maximum log file size to 1000000 bytes Unicode content

SNMP Options

Use SNMP reporting (errors only) SNMP Options...

► Topics

[Reporting Overview](#)

[Report File Content](#)

[Log File Size/Content](#)

[SNMP Options](#)

7.14.1 Reporting Overview

PeerSync automatically generates Log Files providing a detailed history of all synchronization events. This screen is used to view Log Files and set their reporting characteristics.

Use Log File: This feature enables or disables Log file generation. The default file, PeerSync .Log, is located in the path in which PeerSync has been installed. This field also supports [File/Folder Path Variables](#) and when used the current path will be displayed above the field.

Overwrite Existing Log File: Use this feature to report only the most recent PeerSync activity in the Log File. If this feature is not selected, all PeerSync processes will be reported in succession.

View Log File: This button allows you to view Log reports by opening the file in a text editor.

Clear Log File: This button allows you to clear Log reports.

7.14.2 Report File Content

Using the check boxes provided in this section of the Reporting screen, you can specify what will be reported in the Log File. The Default setting is to include all items except Folder Names.

Added Files: This feature adds an entry for any file that has been added to the Target.

File Date:	Includes date associated with each file contained in the Log.
File Size:	Includes size of each file contained in the Log.
Updated Files:	This feature adds an entry for any file that has been updated in the Target.
File Time:	Includes time associated with each file contained in the Log.
Transfer Time:	Includes time it takes to transfer the file in milliseconds.
Summary:	Appends a summary of activity to the end of the report.
Folder Names:	Indicates the names of synchronized folders.
Folder Creation:	This feature creates an entry for any folders that did not exist in the Target and had to be created during the synchronization process.
Messages	This feature logs any messages or application errors found during synchronization.
Exceptions:	This feature logs any file/folder exclusion found during synchronization.

Note: Application errors are additionally written to a file called "PS Error.log," regardless of whether or not that option has been selected.

7.14.3 Log File Size/Content

Set the maximum log file size to x bytes: By entering an amount into this field you can limit the size of Log Files created by PeerSync. When this limit is reached, the next reporting session will first rename the existing file to FILENAME.BAK1.Log and then create a new, blank Log File to which subsequent data will be added. Two backups FILENAME.BAK1.Log and FILENAME.BAK2.Log will be kept for each unique Log file.

Unicode content: This option will enable the reporting of Unicode content.

7.14.4 SNMP Options

Use SNMP reporting (errors only): Use Simple Network Management Protocol error reporting.

SNMP Options Button: This button opens the **SNMP Options** dialog box. Once this box has opened, it allows you to select the Destination IP and Trap Prefix to be used for SNMP reporting. Please refer to your SNMP management software for more details.

7.15 Admin Reporting



The screenshot shows the 'Admin Reporting' configuration window. It features a title bar with the text 'Admin Reporting'. Below the title bar, there is a checkbox labeled 'Create administrative report files'. Underneath, there are two columns of settings. The first column has a 'Report File Content' dropdown menu set to 'Summary/Messages only'. The second column has a 'Report File Name' dropdown menu set to 'Logged On User:'. Below these columns is a 'Report File Path' text box with a browse button. At the bottom, there is an 'Admin Report Cycle Options' dropdown menu set to 'Create a report once a day' and an 'Advanced Settings...' button.

► Topics

[Admin Reporting Overview](#)

[Report File Content](#)

[Report File Name](#)

[Report File Path](#)

[Admin Report Cycle Options](#)

[Advanced Settings](#)

7.15.1 Admin Reporting Overview

This screen allows you to create a unique report for administration purposes. Admin Reports generated during sync operations can be saved to a specific administrative folder (in a local or network path). Admin Reports are made uniquely identifiable through a choice of naming conventions, (i.e. Computer Name or User Name with date/time stamps).

Create administrative report files: This feature enables or disables the Administrative Reporting feature.

Note: Admin reporting files do not display [Unicode](#) characters.

7.15.2 Report File Content

Summary/Messages only: Appends a summary of activity to the end of the report. This option will also log messages.

Standard report file content: This feature directs Report content to follow those conventions also utilized in PeerSync Log Files.

Messages only: Only reports messages and application errors.

Note: When in enhanced Real-Time or when using Multiple Job Threads standard reporting will be used if summary is selected.

7.15.3 Report File Name

Report file name: Allows you to choose between a default-named (PC and datetime) or User-named Administrative Report.

7.15.4 Report File Path

Report file path: This field displays the location of Admin Report files. This field also supports [File/Folder Path Variables](#) and when used the current path will be displayed above the field.

7.15.5 Admin Report Cycle Options

Create a report for every event: This option allows for a report to be generated on every event (Add/Update/Delete/Message).

Create a report on an interval: This option allows for a report to be generated at a specific interval. You may specify the interval from the input field to the right of this option.

Create a report once a day: This option allows for a report to be generated once a day. You may specify the time of the day from the input field to the right of this option.

Create a report once a week: This option allows for a report to be generated once a week. You may specify the day of the week from the drop down list to the right of this option.

Only use Advanced Settings: This option allows for a report to be generated based on the configuration of the Advanced Settings only.

7.15.6 Advanced Settings

At the start of this Profile: This option allows for a report to be created at the start of the Profile.

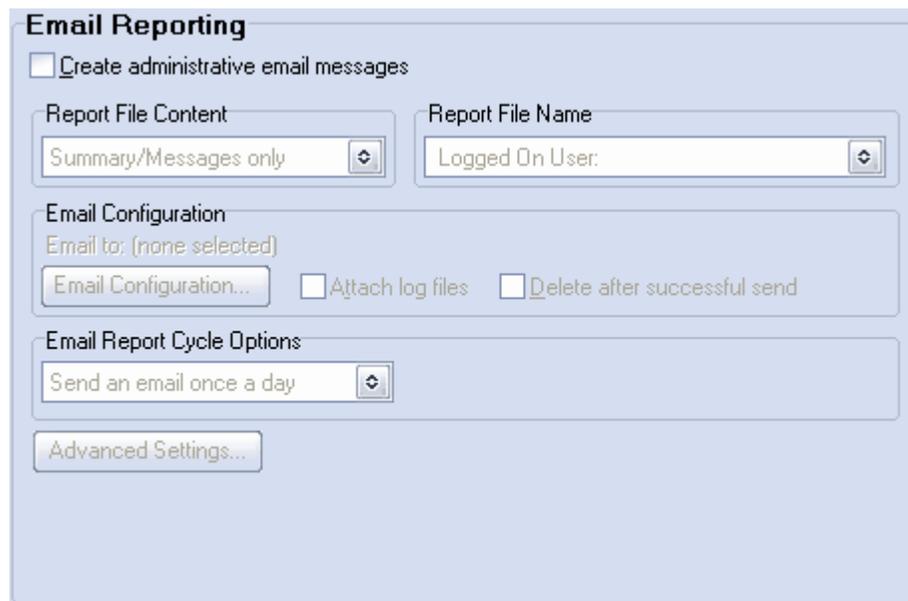
At the stop of this Profile: This option allows for a report to be created at the stop of the Profile.

For each individual error message as it occurs: This option allows for a report to be created for each error

After each scan (log all non-scan events on the cycle specified): This option allows for a report to be created once a day. You may specify the time of the day from the input field to the right of this option.

After each scan/cycle even if no events occurred: This option allows for a report to be created after each scan even when no events occurred.

7.16 E-mail Reporting



The screenshot shows the 'Email Reporting' configuration window. It features a title bar 'Email Reporting' and a checkbox 'Create administrative email messages'. Below this are two sections: 'Report File Content' with a dropdown menu set to 'Summary/Messages only', and 'Report File Name' with a dropdown menu set to 'Logged On User:'. The 'Email Configuration' section includes a text field 'Email to: (none selected)', a button 'Email Configuration...', and two checkboxes: 'Attach log files' and 'Delete after successful send'. The 'Email Report Cycle Options' section has a dropdown menu set to 'Send an email once a day'. At the bottom is a button 'Advanced Settings...'.

► Topics

[E-Mail Reporting Overview](#)

[Report File Content](#)

[Report File Name](#)

[Email Configuration](#)

[Email Report Cycle Options](#)

7.16.1 E-Mail Reporting Overview

This screen allows you to create a unique report for administration purposes. E-mail Reports generated during sync operations can be sent to an administrator, shared mailbox or a specified user. E-mail notification of synchronization activity can be sent upon completion of entire Profile or during persistent synchronization operations. E-mail Reports are made uniquely identifiable through a choice of naming conventions, (i.e. Computer Name or User Name with date/time stamps).

Create administrative E-mail messages: This feature enables or disables the E-mail Reporting feature.

Note: E-mail reporting messages do not display [Unicode](#) characters.

7.16.2 Report File Content

Summary/Messages only: Appends a summary of activity to the end of the report. This option will also log messages.

Standard report file content: This feature directs Report content to follow those conventions also utilized in PeerSync Log Files.

Messages only: Only reports messages and application errors.

Note: When in enhanced Real-Time or when using Multiple Job Threads standard reporting will be used if summary is selected.

7.16.3 Report File Name

Report file name: Allows you to choose between a default-named (PC and date\time) or User-named E-mail Report.

7.16.4 E-mail Configuration

Attach log files: Allows you to attach the reporting section log file to e-mails generated by this application.

Delete after successful send: Deletes the log file after a successful e-mail attached send.

E-mail Configuration Button: This button opens the **Email Configuration** dialog box: Once this box has opened, it allows you to select the SMTP Host, User ID, Port, who to send to, and who to send Carbon Copies to and what e-mail address to send from.

7.16.5 E-mail Report Cycle Options

Send an e-mail for every event: This option allows for an E-mail to be sent on every event (Add/Update/Delete/Message)

Send an e-mail on an interval: This option allows for an E-mail to be sent at a specific interval. You may specify the interval from the input field to the right of this option.

Send an e-mail once a day: This option allows for an E-mail to be sent once a day. You may specify the time of the day from the input field to the right of this option.

Send an e-mail once a week: This option allows for an E-mail to be sent once a week. You may specify the day of the week from the drop down list to the right of this option.

Only use Advanced Settings: This option allows for an E-mail to be sent based on the configuration of the [Advanced Settings](#) only.

7.16.6 Advanced Settings

Send E-mail Reports

At the start of this Profile: This option allows for an E-mail to be sent on every event (Add/Update/Delete/Message).

At the stop of this Profile: This option allows for an E-mail to be sent at a specific interval. You may specify the interval from the input field to the right of this option.

For each individual error message as it occurs: This option allows for an E-mail to be sent at a specific interval. You may specify the interval from the input field to the right of this option.

After each scan (send all non-scan events on the cycle specified): This option allows for an

E-mail to be sent once a day. You may specify the time of the day from the input field to the right of this option.

After each scan/cycle even if no events occurred: This option allows for an E-mail to be sent after each scan even when no events occurred.

E-mail Report Content

Send content in the body of the E-mail: This option will write the content for the email report into the body of the e-mail.

Send content as an attachment to the E-mail: This option will generate a file with the content of the e-mail report and attach the file to the e-mail.

Place content in a file and send a link in the E-mail: This option will generate a file with the content of the e-mail report and a link to the file will be sent within the body of the e-mail.

7.17 Compression

The screenshot shows a dialog box titled "Compression" with several sections:

- Compression Options:** Two checkboxes, "Use folder compression" and "Use file compression", both of which are currently unchecked.
- Compress/Expand:** Two radio buttons, "Compress target" (which is selected) and "Expand source".
- Compressed File Extension:** A text input field containing the text "ZIP".
- Compression Speed:** Three radio buttons: "Normal" (selected), "Maximum compression", and "Maximum speed".
- Password - Encryption:** A text input field (currently empty) and a "Change Password" button below it.

► Topics

[Compression Overview](#)

[Compression Options](#)

[Compress/Expand](#)

[Compression File Extension](#)

[Compression Speed](#)

[Password-Encryption](#)

7.17.1 Compression Overview

While compressing your choice of folders, the Compression utility also employs a unique method to minimize file damage. While creating Target directory structures to match those found in the Source, the folder compression option creates a single file for every folder contained within the

Target Folder set. This minimizes the amount of data added to each compressed file. If a single file were used for the entire directory structure were to become corrupt, all files might be lost. PeerSync's "one file per folder" scenario ensures that if damage occurs, it is limited to individual folders only. We also offer file compression, which will compress the Source Files to the corresponding Target Files down to the file level which adds even more flexibility.

During folder compression, all selected Source Files are synchronized to the compressed Target Folder file bearing the name of the active folder plus the user selected extension (default extension is "ZIP").

During file compression, all selected Source Files are synchronized to the compressed Target Folder file bearing the name of the active file plus the user selected extension (default extension is "ZIP").

Compressed folder files can be expanded using most PKZip compatible extraction utilities. In addition, passwords can be specified and entered on this screen to protect against unauthorized access to compressed files.

7.17.2 Compression Options

Use folder compression: This check box enables or disables the folder compression feature which will compress files in each sub-folder to a single file per sub-folder.

Notes:

1. Folder Compression may be ignored when using an [FTP Source](#) or [FTP Target](#).
2. [Bi-directional](#), [Transfer NT security descriptions \(ACLs\)](#), [Move unmatched target files](#), [Force target file attribute settings](#), [Use intermediate file during copy](#) and [Reversioning](#), as well as, other non applicable features may be ignored when using Folder Compression.

Use file compression: This check box enables or disables the file compression feature will compress file by file.

Notes:

1. File Compression may be ignored when using an [FTP Source](#).
2. [Bi-directional](#), [Transfer NT security descriptions \(ACLs\)](#) and [Move unmatched Target Files](#), as well as, other non applicable features may be ignored when using Folder Compression.

7.17.3 Compress/Expand

Compress target: Selecting this feature enables compression of the Target Folder.

Expand source: This feature extracts (expands) the Source folder. Use this feature to extract files from Source Folders that have already undergone compression.

Note: A compressed Source Folder can not be synchronized to a compressed Target Folder.

7.17.4 Compression File Extension

Compressed File Extension: The extension entered into this field will be applied to the compressed folder file name. For example, if "rar" is entered for a folder named "Samples," the compressed folder file name will be "Samples.rar."

Note: it is NOT necessary to add a period (".") before this extension name. The default extension is "ZIP," which associates the file with a Zip application (i.e. WinZip).

7.17.5 Compression Speed

Compression Speed: Allows for normal compression, Maximum compression or maximum speed.

7.17.6 Password-Encryption

Password - Encryption: The password entered into this field will be used as a key to encrypt the compressed files. Without this key the original file CAN NOT be extracted from the compressed files. **Do Not Lose This Password.** Without it you will not have access to your encrypted files, nor will Peer Software be able to recover them.

Change Password: Selecting this button will display the **Password Change** dialog box. This allows you to change your existing password for the selected Job. This box requires you to enter your old password in addition to whichever new one you wish to begin using. This dialog box is also used to create a password if you do not currently have one. The password will be encrypted and saved for the selected Job.

Note: You may only change the password for a single Job at a time. The old password must be checked against the stored password for this feature to be changed.

7.18 Pre/Post Process Options

Pre/Post Process
Select Application/Script to Run Before/After Selected Job

Before

After

Wait for application to end before continuing

Use a maximum wait time of seconds

► **Topics**
[Pre/Post Process Overview](#)

7.18.1 Pre/Post Process Overview

This screen allows the user to choose external applications / scripts to be run before and after the processing of a given Job.

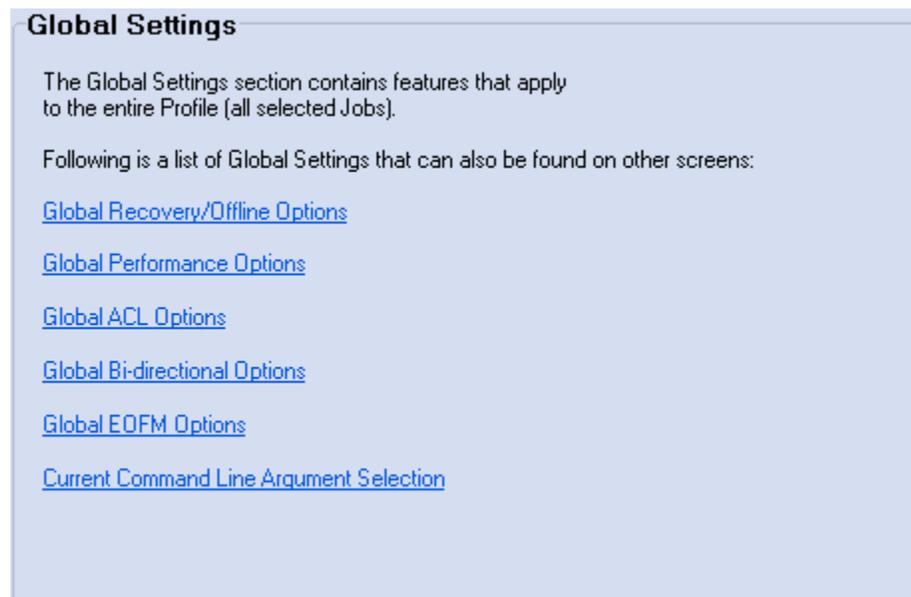
Select Application/Script to Run Before: Use this field to specify (by file path) which application you would like to run before processing a Profile. File paths can be manually entered, or the open folder icon can be used to locate files.

Select Application/Script to Run After: Use this field to specify (by file path) which application you would like to run after processing a Profile. File paths can be manually entered, or the open folder icon can be used to locate files.

Wait for application to end before continuing: Check this feature if you want PeerSync to wait for the applications specified in the "Before" and "After" fields to close before processing additional tasks.

Use maximum wait time of x seconds: Selecting this feature sets a limit (in seconds) for how long PeerSync will wait for the applications specified in the "Run Before" and "Run After" fields to close. In order to activate this function, the "Wait for Application to Terminate" function must be checked. The default, when this feature is not checked, is to wait indefinitely.

7.19 Global Settings



Global Settings

The Global Settings section contains features that apply to the entire Profile (all selected Jobs).

Following is a list of Global Settings that can also be found on other screens:

- [Global Recovery/Offline Options](#)
- [Global Performance Options](#)
- [Global ACL Options](#)
- [Global Bi-directional Options](#)
- [Global EOFM Options](#)
- [Current Command Line Argument Selection](#)

► Topics

- [Global Settings Overview](#)
- [Global Recovery/Offline Options](#)
- [Global Performance Options](#)
- [Global ACL Options](#)
- [Global Bi-directional Options](#)
- [Global EOFM Options](#)
- [Current Command Line Argument Selection](#)

7.19.1 Global Settings Overview

Global Settings are global to the current Profile. These settings and options pertain to all of the Jobs in the current Profile and are used to define, configure and execute the launch of Profiles via the PeerSync engine. Arguments to be sent to PeerSync can be selected and setup from the [Options/Commands](#) screen.

Profiles can then be launched from the Profiler through the following scenarios:

By using the Launch Profile Menu Item in the [Run Menu](#)
By using the Launch Current Profile button on the [Tool Buttons](#) Toolbar
By using the Launch Current Profile button on the [Run/View Current Profile Activity](#) screen

Profiles can also be setup/run externally without the Profiler from the Startup/Service screen in the following ways:

Setup/run from a Shortcut on the Desktop
Setup/run from the Startup Folder
Setup/run at boot from the Registry
Setup/run as a NT Service

Notes:

1. Individual Jobs can be synchronized using the 'Synchronize Selected Jobs' feature, found in the [Profile Job List Popup Menu](#).
2. Another way of running PeerSync is by using the [Quick-Sync Folder](#) feature by right-clicking on a folder from MS Windows Explorer.

7.19.2 Performance Options

This screen can be access from the [Global Settings](#) window as well as the [Options/Commands](#) window. This screen is also available from the [Options](#) menu.

Application Priority Section

Set Application Priority: If this feature is selected, an icon will appear on the system tray when PeerSync is loaded. When you right/click on this icon a menu will appear. Through this menu the Profiler can be shown, the About PeerSync screen can be accessed, and PeerSync can be terminated.

Once this box has opened, it gives you the ability to Set the Application Priority allowing PeerSync to run at a higher or lower priority then other applications.

Performance Options

This section allows for Multiple Thread Selection features ([Multi Threading Option](#)). You can turn on and specify how many Job and copy threads to allow PeerSync to use.

Use Multiple Job Threads: Job threads allow for Multiple Jobs to run in parallel processes.

Use Multiple Copy Threads: Copy threads allow for multiple files to be copied in parallel processes (i.e. Simultaneous Distribution - Synchronizing from one server to multiple servers simultaneously in a Web Farm type environment).

Notes:

1. Some features described on this page require the [Multi Threading Option](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
2. Using Multiple Job Threads will produce a different file output format for all modes of reporting and message logging ([Reporting](#), [Admin Reporting](#) and [E-mail Reporting](#)). The output will NOT contain a start and stop section or a summary, each entry will also be initially marked with a date and time stamp. If use summary is selected for Admin or Email reporting then the standard selection will be used. The reason this is done is due to the fact that processes will be running in parallel.
3. We have exhaustively tested PeerSync operations using 50 Job threads and 10 Copy threads. Setting your threads over this limit may lead to potential operational issues. We strongly discourage the use of more than 50 threads, however, you do have the option to exceed this limit by placing a greater than symbol ">" before your desired thread value (maximum allowed is 200). We recommend you test your setting to ensure PeerSync continues to operate acceptably in your environment.
4. Some features described on this page require the [Multi Threading Option](#).
5. The [Include open files \(if possible\)](#) option should be used if you are using the Performance Options: Multiple Job Threads and Multiple Copy Threads.
6. When setting the Application Priority to High, PeerSync will use more than average CPU, you may want to use the [Set Processor Affinity](#) argument in this scenario.

7.19.3 Command Line Arguments Options

This screen can be access from the [Global Settings](#) window as well as the [Options/Commands](#) window. This screen is also available from the [Options](#) menu.

From the Options/Commands window, selecting the button to the right of the Command Line Argument filed opens the **Current Command Line Argument Selection** dialog box. Once this box has opened, you can modify, add or delete arguments to be used when launching PeerSync through any of the modes described in the [Startup Options](#) screen or via the [Run/View Current Profile Activity](#) screen.

Current Arguments: This section displays the current arguments selected for the Profile and will also allows for the selection and modification of additional [Command Line Arguments](#) by double-clicking this field or selecting the Current Arguments Button to the right of the field.

7.20 Options/Commands



► Topics

[Options Commands Overview](#)

[Set Access Password](#)

[Display Options](#)

[Reporting Options](#)

[Performance Options](#)

[Command Line Arguments](#)

7.20.1 Options/Commands

Options located on this screen can be accessed from the [Options/Commands](#) window, the [Global Settings](#) window, as well as the [Options](#) menu respectively.

Show tray icon: If this feature is selected, an icon will appear on the system tray when the PeerSync Engine is loaded. When you right/click on this icon a menu will appear. Through this menu the Profiler can be shown, the About PeerSync screen can be accessed, and the PeerSync Engine can be terminated.

Enable display options: If this feature is selected, the Display Options Button becomes available, in which you are able to select how and when to display status of Profile activity.

Enable Reporting Options: If this feature is selected, the Reporting Options Button becomes available, in which you are able to select between the Global Reporting Options.

7.20.2 Set Access Password

Set Access Password Button: This option can be found in the [Options/Commands](#) window. Use this button to set or change a tray icon access password via the Password Change dialog box. This allows you to set/reset a password and once a password has been set, only authorized users will be able to terminate PeerSync.

7.20.3 Display Options

Display status in Profiler: This feature will have PeerSync open the Profiler, if it is not already open, and send status messages to be displayed on the [Run/View Current Profile Activity](#) screen.

Display status in PeerSync: This feature will show the PeerSync Status Display dialog box during synchronization so the user can see activity, status and other information while PeerSync is running.

Display Job Stats: This feature will have PeerSync show the Job stats in the PeerSync Status Display Window.

Display Copy Thread Progress* ([Multi Threading Option](#)): This feature will have PeerSync show the Copy Thread Progress in the PeerSync Status Display.

Display status in PeerSync upon completion: This feature will have PeerSync show its PeerSync Status Display dialog box at the end of synchronization (only in non-persistent modes) so the user can see activity, status and other information upon completion.

Send status information to PS Observer Utility: This will send statistical information about the current Profile to the [LAN Observer Utility](#) (PSObserver), if it is installed/available. This utility allows for the ability to monitor PeerSync activity across the LAN for the centralized viewing of all PeerSync activity on the network.

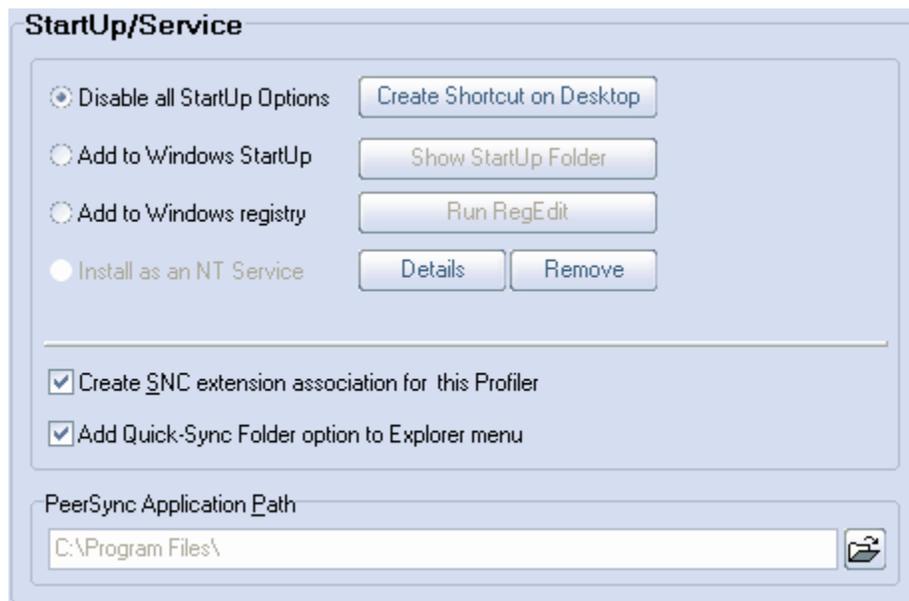
* **Note:** Some features described on this page require the [Multi Threading Option](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.

7.20.4 Reporting Options

Message by Profile: If this feature is selected messages for the full profile will be logged into a text file.

Message by Job: If this feature is selected messages for the individual Jobs will be logged into separate text files. When this option is enabled, Job messages may be retrieved by right clicking on the specific Job.

7.21 Startup/Services



► Topics

[Startup/Services Overview](#)

7.21.1 Startup/Services Overview

This screen allows the user to specify whether or not PeerSync will be run upon startup of the active PC, while also defining its interaction with the network (if applicable). This screen provides shortcuts for installing PeerSync as a service, adding it to the Windows StartUp list, or to the Windows registry for automatic loading upon startup.

Disable all Startup Options: Check this feature to prevent PeerSync from automatically loading at Windows startup/logon.

Create Shortcut on Desktop: This button will place the current Profile into a shortcut on your desktop (See "Scan at Start of Profile List," [Options/Command](#)). A Profile Shortcut will need to be created through this feature in order to use PeerSync's Command Line Mode.

Add to Windows StartUp: Check this feature if you want PeerSync to run automatically when a user logs on to the PC.

Show StartUp Folder: This button opens the Windows StartUp folder, showing links to files and programs that open automatically upon user logon. This button is only accessible when "Add to Windows Startup Folder" is checked.

Add to Windows registry: Check this feature if you want PeerSync to run automatically when Windows boots through specification in the Windows registry.

Run RegEdit: This button opens the Windows Registry Editor. This button is only accessible when "Add to Windows registry to run at boot" is checked.

Install as an NT Service: Check this feature if you want PeerSync to run automatically as a service under Windows NT. [Click here for a Tutorial](#) on how to install PeerSync to run as an NT

Service.

To configure and run the service you must go to "Services" located in the "Control Panel" and select "PeerSync Professional Series Software." By default the service is installed with the "Local System account" selected for the service "Log on as:" option.

Caution: If any of your Source or Target [Folder Selections](#) are not located on the local machine, then you will have to configure the service to "Log on as:" an alternate (Domain Admin) account on your domain so that the service has the rights to access the remote machines and/or devices. If you do not do this the service may not run properly.

Notes:

1. If PeerSync is running as a Service it is advised to use UNC paths or PeerSync's [Dynamic Network Drive Mapping and Unmapping](#) feature instead of using mapped drives do to the fact that mapped drives are not understood when a user is not logged on.
2. You can add the argument [/LSE](#) (Log Service Events to NT Application Log) to the following entry in the registry (HKEY_LOCAL_MACHINE\Software\PeerSoftware\PeerSync\Service\Parameters). This will have PeerSync log all changes to be reported to application log in addition to the normal logging of the start, stop, pause and continue of the service.
3. If PeerSync is running in Real-Time mode as a service, subsequent real-time Profiles will interfere with service operation and should not be employed. Both Scheduled Operations and Manual (non-persistent) operations should perform without interference to a service installation of PeerSync.

Details: This button is used to view the details of the currently installed PeerSync service.

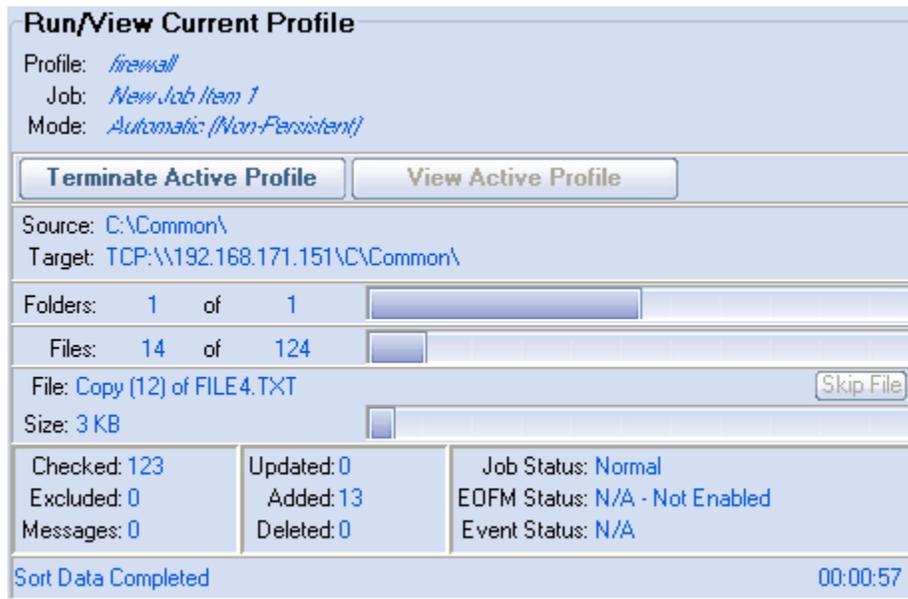
Remove: This button is used to remove the currently installed PeerSync service.

Create SNC extension association for Profiler: Checking this feature causes any file with the extension .SNC to be associated with PeerSync: PeerSync Profiles bear this extension by default. Once this feature has been selected, double/clicking on any SNC file will open Profiler and load that particular file.

Add Quick-Sync Folder option to Explorer menu: Checking this feature adds or removes the [Quick-Sync](#) Folder selection from Windows Explorer. This feature is a quick and easy way to synchronize folder(s) on the fly to backup location(s) with the option to modify your Job settings at a later time.

PeerSync Application Path: This field is used to specify the location of the PeerSync executable file. You can use the open folder icon to browse drives in order to locate this executable file.

7.22 Run/View Current Profile



► Topics

[Run/View Current Profile Activity Overview](#)

7.22.1 Run/View Current Profile Overview

PeerSync can be run as an Application or as an NT [Service](#), if available and installed from the [Startup/Service](#) screen.

This screen is used to Launch the current Profile and to view Current Profile Activity. If the [Display Status](#) in Profiler option is turned on from the [Options/Commands](#) screen this screen will be shown upon execution of a Profile and will dynamically show the status of synchronization of the current Profile as the process occurs. This screen will also be shown upon using the Synchronize Selected Jobs feature, found in the [Profile Job List Popup Menu](#) to display the Current Activity of the Jobs sent to PeerSync as a temporary Profile.

Features

- Profile:** Displays the name of the Profile actively being processed. This label may not match the name of the Profile currently being configured through Profiler.
- Job:** This indicator will dynamically display the name of whichever Job is presently being processed for the Active Profile.
- Mode:** This indicator will dynamically display the name of whichever Job is presently being processed for the Active Profile.
- Launch Current Profile/Terminate Active Profile:** This button allows you to launch the current Profile. Once a Profile has been launched, its processing may also be terminated through this button (the label will change to read "Terminate Active Profile"). This button offers one of three ways to initiate an Automatic Operation.

View Active Profile:	This button allows you to connect to and view the Active Profile.
Run as a service:	If PeerSync is installed as a Service you have the option of running it as an Application or as a Service from this screen.
Start/View Service:	This button allows you to start the current Profile as a Service or view the Active Profile.
Stop Service:	This button allows you to stop the current Profile as a Service.
Pause Service:	This button allows you to pause the current Profile as a Service.
Resume Service:	This button allows you to resume the current Profile as a Service.
Source:	Displays a file path for the Source Folder presently being synchronized.
Target:	Displays a file path for the Target Folder presently being synchronized from the Source indicated above.
Folders:	This indicator provides a count of all unsynchronized folders contained within the Source, and will decrease as each folder is synchronized. An additional "thermometer" indicator will also track the progress of folder synchronization.
Files:	This indicator displays the total number of files contained within the Source while also providing a count of synchronized files. In addition, a "thermometer" indicator will show file synchronization progress by increasing according to the size of the current folder, with 100% representing the cumulative size of files contained within the Source Job set.
File:	Indicates the name of the file currently being synchronized.
Large File or Compression Status:	This caption will be displayed to the right of the file name that is currently synchronized for large files and during compression. The caption will show the size of the file that has been copied to the Target and/or compression status.
Skip File:	This button will appear once the active Profile has been launched. This feature allows you to skip synchronization of the file currently displayed in the indicator described below. Skip Files enables you to avoid delays caused by large files on slow network or dial-up connections.
Size:	Indicates the size (in bytes) of the file currently being synchronized. A related "thermometer" indicator tracks the progress of synchronization for that file.
Checked:	This indicator displays the total number of files contained in the selected Source Folders.
Excluded:	Indicates the number of files that were excluded from synchronization (See Exceptions).
Messages:	Indicates the number of error messages generated during Profile processing.
Updated:	Indicates the number of Target Files that were updated during synchronization of Profile Jobs.

Added:	Indicates the number of new files added to Target Folders during synchronization of Profile Jobs.
Deleted:	Indicates the number of files deleted (or moved) during synchronization of Profile Jobs.
Job Status:	This indicator displays the status of the active Job. The indicator may display one of the following: Blackout, Source/Target disconnected (Job name) or normal.
EOFM Status:	This indicator displays the status of the EOFM (Embedded Open File Manager). The indicator may display one of the following: n files (for number of locked files to be processed), no files, n/a not enabled, n/a not registered.
Event Status:	This indicator display the status of the events pertaining to Job/Copy thread information or Job automation (such as next scheduled interval, daily timer info etc.).
Target Space:	Indicates the Target Folder space remaining during synchronization of Profile Jobs.
Elapsed Time:	Indicates the amount of time that has elapsed during the current Profile activity.

8. Command Line Arguments

PeerSync's 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 Profiles to be executed from logon scripts, system batch (BAT) or command (CMD) files, detailed shortcuts, and shell commands -- while also providing full access to the Profiler features through command line arguments.

Profiles will need to be created through the Profiler first in order to be further modified through the arguments described in this topic (See Profiler Overview and related Help Topics).

Command Line Arguments are entered into a Profile shortcut, created during build through the "Add to Desktop" button found on Profiler's [Startup/Service](#) screen.

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. Profile .SNC file names are the only command line variables associated with operation of the Profiler. All other arguments described in this topic are used to configure operation of the PeerSync and its execution of Profiles.

Profiler Command Line Arguments

As noted above, Profile (.SNC) file names are the only variables associated with operation of Profiler. To change an .SNC file name through the command line:

- Right click the Profile shortcut you created during build (see [StartUp/Service](#), "Add to Desktop" button).
- Select the "Properties" item from the pop-up menu.
- Select the "Shortcut" tab. As shown in the following sample, the "Target" field will contain a command line for the Profile, where "Profile One" represents a sample Profile name:
"C:\Program Files\PeerSync\PeerSync.exe" "C:\Program Files\PeerSync\Profile One.SNC" /USEPROFILEARG
- Manually change the Profile Name to reflect that of the new .SNC file
- Click the "OK" button

PeerSync Command Line Arguments

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 /M**).

► Categories:

[Configuration Arguments](#)

[Performance Arguments](#)

[Reporting and Display Arguments](#)

[Automation Arguments](#)

[Synchronization Arguments](#)

[Real-time Arguments](#)

[Bi-directional Arguments](#)

[FTP Arguments](#)

[Embedded Open File Manager \(EOFM\) Arguments](#)

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
5. For more information on the latest features and how to implement specific scenarios please goto our support page at: http://www.peersoftware.com/support/PS_documents.asp.

8.1 Configuration Arguments

/O:Profile

Set SNC File to Load (Profile = File): If the **/O** argument is used in a shortcut or from the command line, PeerSync will load the Job information specified in the file.

Examples:

/O:"C:\My SNC\MyBackups.snc"

Full path to file

/O:MyBackups.snc

Will use install directory

MyBackups.snc

Will use install directory (Must be first argument)

/1:source

Set Source Path (source = Folder): If the **/1** argument is used in a shortcut or from the command line, PeerSync will use it in conjunction with **/2** to define a Source and Target path for a Job.

Example:

/1:c:\source /2:c:\target c:\source to c:\target

/2:target

Set Target Path (target = Folder): If the **/1** argument is used in a shortcut or from the command line, PeerSync will use it in conjunction with **/2** to define a Source and Target path for a Job.

Example:

/1:c:\source /2:c:\target c:\source to c:\target

/C:cfile

Load Alternate Configuration File (cfile = File): If the **/C** argument is enabled, PeerSync will use the values specified in **cfile** for synchronization information instead of using the default configuration file: PSDef.cfg which is located in the install directory.

Example:

/C:C:\PeerSync Use alternate configuration file
 \configs\altconfig.cfg

/USEPROFILEARG

Use Arguments from Profile: If the **/USEPROFILEARG** argument is used in conjunction with a **/0:Profile**, PeerSync will use the arguments specified in **Profile**, for synchronization. By default, when you create a shortcut on the desktop or in the startup folder from the [StartUp Options](#) screen this argument is used.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
5. For more information on the latest features and how to implement specific scenarios please go to our support page at: http://www.peersoftware.com/support/PS_documents.asp.

8.2 FTP Arguments

/FTPPASSIVE

Force FTP passive mode on: The **/FTPPASSIVE** argument forces on the passive mode option for all Jobs using FTP in a Profile.

/GH:mm-dd-yy

Set FTP Short Date Format: The /GH argument sets the Short Date Format used in FTP transmission. This feature is necessary if an FTP Server uses a non-standard date format.

Example: /GH:dd-yy-mm

/GJ:x

Set FTP Failed Upload Retry Count: The /GJ argument sets the number of times PeerSync will attempt to upload a file after it has failed.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
5. For more information on the latest features and how to implement specific scenarios please goto our support page at: http://www.peersoftware.com/support/PS_documents.asp

8.3 Performance Arguments

/GE:x

Set Shared Process Delay: The /GE argument is used to set the shared process delay to allow more/less CPU utilization. This value ranges from 0 -10 where 0 (less CPU) will use the most delay and 10 (more CPU).will use the least amount of delay.

/GK:x

Copy Thread Utilization: If the /GK argument is enabled, PeerSync will allow up to x threads to watch the queue that manages changes allowing for increased Copy Thread utilization.

/GP:x

Set Email Threads: If the /GP argument is enabled, PeerSync will allow up to x threads to be used for email tasks.

/LK:x

Set Multitasking Delay: The /LK argument is used to adjust the delay during multitasking. This value may be set between 1 and 10 where 10 is the highest amount of delay and 1 is the least amount of delay. The default value is 4.

/LN:x

Set Processor Affinity: If the **/LN** argument is enabled, PeerSync will allow you to limit which CPUs to use in a multi-processor environment, where each CPU is represented by 2 to the x value:

1 = CPU 1	16 = CPU 5
2 = CPU 2	32 = CPU 6
4 = CPU 3	64 = CPU 7
8 = CPU 4	128 = CPU 8

Example

```
s:      CPU 1
/LN:1   CPU 1 and 2
/LN:3   CPU 3
/LN:4   CPU 1 and 3
/LN:5
```

Note: By default all CPUs will be used.

/MCT:x

Set Copy Threads: If the **/MCT** argument is enabled, PeerSync will allow up to x file copy threads to be spawned for file copy tasks. These copy threads will be shared by one or more Jobs during the synchronization process.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/MFT:x

Set Job Threads: If the **/MFT** argument is enabled, PeerSync will allow up to x Job threads to be spawned for managing Job tasks.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/OPTIMIZE

Optimize Performance: If the **/OPTIMIZE** argument is enabled, PeerSync will disable status screen windows used for outputting status information. This will minimize memory allocation for the User Interface.

/PERFORMANCE:x

Set Application Priority: If the **/PERFORMANCE** argument is enabled, PeerSync will set the application's priority based on the following value of x

0: Lowest Priority
1: Below Average Priority
2: High Priority.

Notes:

1. This item is selectable from the Profiler via the [Options/Commands Screen](#).

2. If the **/PERFORMANCE** argument is not used, PeerSync will use a default priority. When setting the Application Priority to High, PeerSync will use more than average CPU, you may want to use the [Set Processor Affinity](#) argument in this scenario.

/YK:n

Set Real-time Copy Thread Pool: Used to set the percentage of Copy Threads to reserve for Real-Time events, where n can be set between the values of 1 and 99. The default value is 10.

/YX:n

Set File Read/Write Buffer Delay: Used to set a delay in **n** milliseconds between each file read/write cycle to allow the limiting of CPU usage and system resources during file transfers. The higher the delay value, the less CPU used but the slower the performance or speed of PeerSync.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#) or [Multi Threading Option](#). Please visit <http://www.peersoftware.com> or contact [Sales](#) for additional information.
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
5. For more information on the latest features and how to implement specific scenarios please goto our support page at: http://www.peersoftware.com/support/PS_documents.asp

8.4 Reporting and Display Arguments

/AP

Run Pre-Sync Report: If the **/AP** argument is used a Pre-Sync Report will be generated and files/folders will not be synchronized. If you add an **O** to the **/AP** then the previous Pre-Sync report will be **O**ver written, if you exclude the **O** then the file will be appended to an existing Pre-Sync report. If you add an **S** to the **/AP** then the Pre-Sync report will be **S**hown at the end of the run (i.e.: **/AP, /APO, /APOS** or **/APS**).

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/GL[S]

Display status in Profiler: If the **/GL** argument is used, PeerSync will open the Profiler, if it is not already open, and send status messages to be displayed on the [Run/View Current Profile Activity](#) screen using mail slot messaging to communicate with the Profiler. By adding an **S** you can suppress the initial connection of PeerSync to the Profiler upon activation of PeerSync.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/GM:x

Enable MSMQ messaging: If the **/GM** argument is used, PeerSync will use **x** as the location to manage messages in the queue.

Example: /GM:DIRECT=TCP:209.51.171.142\PRIVATE\$MYQUEUE

/GO[F:y][C:group]

Enable PObserver Broadcasts: If the **/GO** argument is used, PeerSync will use mail slots to broadcast activity across the LAN to the PeerSync LAN Observer Utility for the centralized viewing of all PeerSync activity on the network. You can launch the PeerSync LAN Observer Utility, if it is installed/available from the [View](#) Menu.

y: Identifies the number of seconds between each broadcast The default is 3 seconds

group: Identifies a group for the current Profile. The default is the Profile Name.

Example: **/GOF:5C:MyProfiles**

Enabled and broadcasted every 5 seconds with a group name of

/GQ:[file][maxsize]

Create and Append Summaries into One Report: If the **/GQ** argument is used, PeerSync will append summaries into one log file.

/GR

Report Non Standard Events: If the **/GR** argument is used, PeerSync will report non - add,update, and delete actions.

/GS:x

Enable Summary Statistics Collection: If the **/GS** argument is used, PeerSync will use x as the file location to save summary statistics.

/H

Hide Splash Screen: Available through all registered versions of PeerSync, this argument will suppress and hide the splash screen for both the PeerSync and Profiler applications.

/LQ:[file][maxsize]

Enable FTP Logging: If the **/LQ** argument is used, PeerSync will log FTP activity to the user defined file, or to **PS_FTP.LOG** by default.

/LSE

Log Service Events to the Event Viewer: If the **/LSE** argument is used, PeerSync will log events to the Event Viewer. The following options are available for this argument:

/LSEE	Log messages as errors
/LSEEW	Log messages as warnings
/LSEEM	Only log messages and log them as errors
/LSEEWM	Only log messages and log them as warnings

/M

Show Tray Icon: If the **/M** argument is used, PeerSync will display an icon in the system tray for PeerSync.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/PROGRESS

Display status in PeerSync: This feature will show the PeerSync Status Display dialog box during synchronization so the user can see activity, status and other information while PeerSync is running.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/SNMP

Enable SNMP Error Reporting: If the **/SNMP** argument is used, PeerSync will use SNMP reporting to report any errors that occur during the synchronization process.

/TD

Display status in PeerSync upon completion: This feature will have PeerSync show the PeerSync Status Display dialog box at the end of synchronization (only in non-persistent modes) so the user can see activity, status and other information upon completion.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/YL

Log Messages Only to a Log File by Filter and/or by Profile: If the `/YL` argument is used, PeerSync will log messages only to a log file based on the Filter and/or Profile. The following options are available for this argument:

<code>/YL</code>	Log messages for Both
<code>/YLF</code>	Log messages by Filter Only
<code>/YLP</code>	Log messages by Profile Only

When logging by Filter (`/YL` or `/YLF`), the Filter message log file will reside in the same directory as the primary log file, with the same file name as the primary log file but with a "**flt.log**" file extension.

When logging by Profile (`/YL` or `/YLP`), the log file will reside in the same directory as the Profile, with the same file name as the Profile but with a "**snc.log**" file extension.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any). For more information on the latest features and how to implement specific scenarios please goto our support page at: http://www.peersoftware.com/support/PS_documents.asp

8.5 Automation Arguments**/A**

Scan at Start: If the `/A` argument is appended to the command line, the Profile can be run through its associated shortcut. As non-persistent processes, Automatic Operations are run a single time upon manual initiation by the user.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/D(H):x

Delay Scan at Start: If this argument is used, PeerSync will delay x seconds before running the [Initial Scan](#) of each Job. With this option enabled synchronization can be canceled via a dialog box if done so within the designated interval. For example, `/D5` would provide you with a 5 second delay during which the operation can be canceled. If the `/D` argument includes an H, i.e. `/DH60`, then the delay timer will be hidden during operation. This argument is useful for allowing PeerSync to begin after other applications have been loaded if you are running PeerSync at Windows startup.

/R[OyCz]

Real-time Monitoring Argument: The /R argument activates Real-Time Mode. The Oy and Cz arguments are optional and specify the following retry values during Real-Time Mode:

y = The retry count if the file is open or network is unavailable
z = The retry count maximum

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/S

Run Scheduled Operation: The /S argument enables or disables Scheduled Operation Mode for the entire Profile. This feature must be selected in order for all Scheduled Operations set for individual Jobs to be recognized. Scheduled Mode does not apply a global schedule to the entire Profile; rather, it enables those schedules set for all individual Jobs on to run at their specified intervals.

All Scheduled Operations set for individual Jobs will be ignored if this mode is not selected. If none of the Jobs within a Profile are set for Scheduled Operation and this mode is selected, all active Jobs within the Profile will be assigned a default synchronization schedule of five minutes.

/Sx

Synchronization Timer Argument: The /Sx option is used to run PeerSync automatically at regular intervals. This argument sets PeerSync to synchronize the selected Profile every x minutes. Through this feature PeerSync remains persistent and will not terminate upon completion.

Examples: /S10

Synchronization will be performed every 10 minutes

/SxKz

Synchronization Timer Argument with Keyboard Activity: The /SxKz option is used to run PeerSync automatically at regular intervals only when it senses keyboard activity. This argument sets PeerSync to synchronize the selected Profile every x minutes upon Keyboard activity and will always run every z cycles with/without keyboard activity. The z is optional and will be ignored if set to 0. Through this feature PeerSync remains persistent and will not terminate upon completion.

Note: This item is selectable from the Profiler via the [Options Commands Screen](#).

/TIME

Daily Timer: This argument will allow for scheduling of PeerSync for specific times of the day down to the minute for selected days of the week and selected Jobs within a Profile. If you use a /TIMEF argument all selections at the Job level from the [Automation](#) screen will be used. You can also specify Global Daily Timer selections for the entire Profile from the [Options/Commands](#) Screen or by using the following format:

1. Select the time of day (by default all Jobs will be run all days)

/TIME:HH:MM

Where HH is replaced with the value of 00-23 in military time and MM is replaced with 00-59 in minutes

Examples:

```
Every Day at      /TIME:00:00
12:00 am:        /TIME:01:00
Every Day at      /TIME:08:00
1:00 am:         /TIME:12:00
Every Day at      /TIME:20:00
8:00 am:
Every Day at
12:00 pm:
Every Day at
8:00 pm:
```

2. (Optional) - To select the days of week to run append the following:

D:SMTWTFS where the days are substituted with 1 (On) and 0 (Off)

```
Sunday:          D:1000000
Monday:          D:0100000
Tuesday:         D:0010000
Wednesday:       D:0001000
Thursday:        D:0000100
Friday:          D:0000010
Saturday:        D:0000001
```

Examples:

```
M, W & F at      /TIME:08:00D:0101010
8:00 am:        /TIME:17:15D:1000001
Sat & Sun at     /TIME:03:30D:0111110
5:15 pm:
Mon - Fri at
3:30 am:
```

3. (Optional) - To select the Jobs to run append F:f1;f2;f3

Where f1-fn are the Job numbers.

Examples:

```
Job 1 Every      /TIME:06:00F:1
day at 6:00 am:  /TIME:20:25F:1;2;3;4;5
                 /TIME:03:30D:0111110F:1;3;5

Jobs 1 - 5
Every day at
8:25 pm:
Jobs 1, 3 & 5
Mon - Fri at
3:30 am:
```

Note: Will accept multiple command lines.

Example:

```
Job 1 Every day at 8:00 am, Jobs 1 - 5 Every day at 8:25 pm and Jobs 1, 3 & 5 Mon - Fri at 3:30 am
/TIME:08:00F:1 /TIME:20:25F:1;2;3;4;5 /TIME:03:30D:0111110F:1;3;5
```

Sample:

```
Complete command line to run PeerSync with Test.snc, all Jobs, at 3:00 am Mon -Fri, (M)inimized on the tray.
"C:\Program Files\PeerSync\PeerSync.exe" "C:\Program Files\PeerSync\test.snc" /TIME:3:00D:0111110 /M
```

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/UDD

Use Device Driver method: This argument uses of the Windows NT device driver for real-time detection. When using this argument PeerSync can detect changes made to remote Source folders but only when the changes are made by the machine where PeerSync is installed.

/<

Applications to ignore: If using the Device Driver method for Real-Time detection you can select applications to ignore by appending application names (semicolon delimited) to the /< argument.

Example: /<Explorer.exe;Word.exe Will ignore any Real-Time changes made by Explorer.exe and Word.exe.

Note: When using this option and monitoring a remote Source folder, the [Transfer NT security descriptions \(ACLs\)](#) is ignored in Real-Time.

/X

Disable Initial Synchronization During Startup: The /X command line argument disables initial synchronization during /A /M /R operations at PeerSync startup.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
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8.6 Synchronization Arguments

/GC:x

Set File Comparison Value: If the /GC argument is used, PeerSync will add x seconds to the Target File date and time stamp to use during comparison.

/GD:n,z:n,z

Set Job Comparison Delta: If the /GD argument is used, PeerSync will add or subtract z seconds from the Target File date and time stamp during a comparison for Job number n.

Example: /GD:1,+30:2,-60:

/GF

Use Alternate Copy File Methods: The following copy file methods may be invoked:

/GFC	Use CopyFile API method
/GFS	Use File Stream method
/GFE	Use CopyFileEX method

/GI(S)(D)

Ignore File Size and/or Date Comparison: If the /GI or /GIS argument is used, PeerSync will ignore file size during folder scans (if date matches then skip file). If the /GID argument is used, PeerSync will ignore file date comparison during folder scan (if size matches then skip file). If the /GISD argument is used, PeerSync will ignore file date and size comparison during folder scan (always replace Target file even if they are identical).

/GT

Get Remote PC Time: If the /GT argument is used, PeerSync will attempt to get the time from the Target PC as well as the local PC and automatically compensate for time differences.

Note: /GT is only applicable in an NT/2K Environment

/GX

Use Delete Path for Revisions: If the /GX argument is used, PeerSync will use the deletions path for all PSBAK revision files.

/I

Ignore Target Space During File Copy: The /I argument sets PeerSync to ignore Target space available during file copy.

/J

Move Files: If the /J argument is used, PeerSync will move files - deleting them from the Source after they have been successfully transferred.

/KA:x

Active Connection Interval: If the /KA argument is used, PeerSync will attempt to connect every x minutes to Target machine(s).

/LH:x

Set Deletion Move To Folder Cleanup Interval: If the /LH argument is used, PeerSync will check the Move To Folder (the folder where deleted files are move to), every x minutes to see if files needed to be deleted on the cycle specified by the [Delete unmatched Target Files older than x days](#) option.

/L|R|T|A]

Target In-Use Replacement: If the /LI argument is used, PeerSync will perform the following operation if Target File is unavailable:

R	Force rename of open Target File
T	Force terminate of open Target File application
A	Force terminate of all open Target applications

/LM:xOyCz

Set Failed Connection Timer: If the /LM argument is used, PeerSync will use the following variables to determine retry frequency:

x	Approximate time, in minutes, for retry of failed connection (time may vary as much as a few minutes).
y	Frequency to retry files
z	Maximum Retry Count

Example: /LM5O25C100

Checks failed connections every 5 minutes, retries files every 25 seconds, to a maximum retry count of 100.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/LMD

Disable Failed Connection Timer: If the /LMD argument is used, PeerSync will not check for failed connections.:

Example: /LMD

Does not check for failed connections.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/LR:file

Run application at start of PeerSync: If the /LR argument is used, PeerSync will execute an application or shell script specified by file at the initialization of PeerSync.

Example: /LR:C:\WINNT\notepad.exe

/LW

Enable Last Access Compare: The /LW argument allows you to use the last access date/time instead of the modified date/time for comparisons to determine file updates.

/NODELFLDR

Do not delete folders: If the /NODELFLDR argument is used, PeerSync will not delete folders during synchronization.

/O

Set Target File Overwrite: The /O argument sets Target File overwrite on all Jobs.

/QB

Use Full Access File Copy: If the /QB argument is used, PeerSync will only copy files it can gain full access to during synchronization.

/QFn

Shadow Time Range: This argument will use an n second time range for file time stamps during comparison. If the Source and corresponding Target File time stamps fall in the range then the file time stamps will be seen as equal.

n = Time in seconds

/QG

Always use the local machine time for the Last Run Time: If this argument is used, PeerSync will always use the local machine time for the Last Run Time, instead of using the minimum time of the Source and Target machines involved in the synchronization.

/QH:n

Force Flush File Buffers: Forces the file data that has been written across the network to be fully committed to disk before continuing. The Interval n is the number of buffers worth of data to write before forcing a disk write of the data, if n is not used the default is 20 cycles.

Note: This is expected to naturally occur without this argument, but on some systems across slower networks it is necessary to force the commit of data to correctly gauge process of writing the file.

/Ql:ext

Ignore Matching/Locked File Extensions: This argument will ignore an add/update of a file, if a matching file with the same base name and the specified extension ext exists.

Example: /Ql:dwl

Note: One instance of this example is if a file called MyFile.dwg is updated it will be excluded from synchronization while MyFile.dwl exists.

/QJ:str

Ignore Matching/Locked File Postfix Replacement: This argument will ignore an add/update of a file, if a matching file with the same base name with the specified postfix replacement str exists.

Example: /QJ:~\$

Note: One instance of this example is if a file called MyDocument.doc is updated, it will be excluded from synchronization while ~\$Document.doc exists.

/T

Terminate All Instances of PeerSync: The /T argument terminates all running instances of PeerSync, including itself.

/VRBn

Verify User-Name: If the /V argument is used, PeerSync will verify logged on User-Name defined in the local user file list, specified by the following options:

R	Require user to be in the user file list
B	Bypass the request to add to list dialog
n	Maximum number of user allowed

/W:x

Set Queue Directory Change Count: If the /W argument is used, PeerSync will set queue directory change count, events to wait for action x.

/WPFIX

Disable application associated with active file synchronization: When a file is being synchronized, this option searches all active windows on the desktop for a caption that contains the path/filename of the active file. PeerSync then disables the active application in one of two ways. The command lines "/WPFIX or /WPFIX2" disables the entire application and "/WPFIX1" disables the save toolbar and file menu save item. (This option also verifies that the word "WordPerfect" is in the caption before disabling). Both options will append "(Synchronizing)" to the existing caption and when the file is synchronized, the caption will be restored.

/WPMOD

WordPerfect Fixes for synchronization: The /WPFIX and /WPMOD arguments are used to help in the synchronization of WordPerfect files.

DLL file to improve interaction with WordPerfect v8 and higher: Working with the Corel corporation, we developed a 3rd party utility that disabled the save function in WordPerfect when a document is "unmodified." This reduces the possible "File Access Denied" error that WordPerfect produces when PeerSync is synchronizing the active document. To run this option, you must rerun the PeerSync installation program again. The file "PSWPMOD.DLL" file will be installed in the windows System32 folder.

For WordPerfect 8, add "/WPMOD8" on the PeerSync command line, which will modify the registry as follows:

Key: HKEY_LOCAL_MACHINE\SOFTWARE\COREL\WordPerfect\8\Third Party

String: DLL16

Value: C:\WinNT\System32\PSWPMOD.DLL

For WordPerfect n, add "/WPMODn" on the PeerSync command line, which will modify the registry as follows:

Key: HKEY_LOCAL_MACHINE\SOFTWARE\COREL\WordPerfect\n\Third Party

String: DLL16

Value: C:\WinNT\System32\PSWPMOD.DLL

Note: The DLL16 string may vary based on the installation of other 3rd party add-ons to your WordPerfect installation. The value could be DLL15, DLL14, etc.

/YC:x

Folder Queue Watch Interval: Change the default timer interval for checking the folder queue to x seconds (the default is .5 seconds).

Example: /YC:3

/YD

Allow Replication During Dynamically Created Jobs: This argument will allow dynamically created Jobs (i.e. Job scans triggered by Folder Additions) to use the replicate option.

/YF:ext1;ext2;extn

Partial Locked File Extensions List: This argument is used for file types that are partial locked when open by other applications (i.e. Outlook PST files). If the /YF argument is used, and [Embedded Open File Manager \(EOFM\)](#) is enabled PeerSync will always process files with the specified extensions as though they are open and locked files. If EOFM is not enabled, then PeerSync will pre-scan the files to ensure complete access before file copy. PST files are included in this list by default and can be changed via this command line.

Example: /YF:.pst;.dba;

/YN

Use Network Password Dialog: If the /YN argument is used, PeerSync will display a network password dialog if you do not have right to access the Source or Target Folder.

/YR

Delete Empty Source Folders After Move: This argument will delete all empty Source Folders after a synchronization scan when using the [Move Files - Delete Source File after successful copy to Target](#) option.

/YV

Do Not Validate Connections Before Profile is Loaded: This argument will not try to validate Source and Target Folder connections during the load of a Profile. It will assume that the connections will be available upon start of each Job. This option is useful if you are running a [Pre Process](#) that will establish a connection and/or create a Source or Target Folder.

/Z:ext1;ext2;extn

Ignore Open File Extensions: If the /Z argument is used, PeerSync will ignore files with the specified extensions that are currently opened where the full name of the file is displayed in the caption of another window. This argument may be ignored if Multiple Job or multiple copy threads are enabled.

Example: /Z:.wpd;.txt;

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
5. For more information on the latest features and how to implement specific scenarios please goto our support page at: http://www.peersoftware.com/support/PS_documents.asp

8.7 Real-Time Arguments**/GA:x**

Set Empty File Delay: If the /GA argument is used, PeerSync will delay x milliseconds before synchronizing empty (zero size) files that are detected in Real-Time.

/GB:x

Set Shadow Detection: If the /GB argument is used, PeerSync will delay x milliseconds to synchronize subsequent updates of the same file during Real-Time.

/LA

Real-time Attribute Change: If the /LA argument is used, PeerSync will monitor attribute changes to files in Real-Time and use these changes as triggers for file synchronization.

/LF

Use Update Sensitivity: If the /LF argument is used, PeerSync will use the update section of PSChangeNotify to detect file changes during real-time.

Note: This feature is generally too sensitive, and will create multiple detections.

/LG

Folder Change Detection: If the /LG argument is used, PeerSync will detect folder changes, and in Enhanced Real-Time will force only the security description to be validated. Any change to the folder will trigger synchronization, so that more CPU will be required. This option is not recommended for non-enhanced Real-Time.

/LL

Disable Real-time Security Change: If the **/LL** argument is used, PeerSync will not trigger updates in Real-Time when a file's security has changed.

/LPC:x

Set Maximum Number of Events to Process within each Enhanced Real-Time Queue

Check: If the **/LPC** argument is used, PeerSync will set the maximum number of events to process within each Enhanced Real-Time queue check to **x** events. The default is 25 events and the minimum is 5 events.

/LPD:x

Set Delay between Enhanced Real-Time Deletions: If the **/LPD** argument is used, PeerSync will delay the deletion of files **x** milliseconds during Enhanced Real-Time.

/LPE:x

Set Delay between Enhanced Real-Time Event Processing: If the **/LPE** argument is used, PeerSync will delay the processing of each event **x** milliseconds.

/LPM:x

Set Enhanced Real-Time Event Upper Limit: If the **/LPM** argument is used, PeerSync will set the maximum number of items **x** to allow in the Enhanced Real-Time event queue before reverting to non-enhanced Real-Time. If this value is set to 0 then the option is disabled (the default is 20000 events). If and when the Upper Limit is reached PeerSync will clear all Enhanced Real-Time events that have not been processed and scan the directories for changes.

/LPW:x:y

Set Enhanced Real-Time Event Queue Delay: If the **/LPW** argument is used, PeerSync will set the number of items **x** in the enhanced real-time event queue to wait for before processing, as well as, the maximum time to wait for to **y** milliseconds.

/LPQ:x

Set Delay between Enhanced Real-Time Queue Checking: If the **/LPQ** argument is used, PeerSync will delay **x** milliseconds before checking the Enhanced Real-Time queue for new events.

/LPX:x

Set Process Delay for Enhanced Real-time Changes: The **/LPX** argument allows you to set the delay time for Enhanced Real-Time changes to be processed to **x** milliseconds. This value will be applied directly for adds and updates and will be multiplied by 3 for deletions. The default is 1000 milliseconds for adds/updates and 3000 milliseconds for deletions

/YK:n

Set Real-time Copy Thread Pool: Used to set the percentage of copy threads to reserve for Real-Time events, where **n** can be set between the values of 1 and 99. The default value is 10 percent.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).

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8.8 Bi-directional Arguments

/GV

Always Create Superset during Bi-directional Synchronization: If the **/GV** argument is used, PeerSync will not use the TLR value, and therefore always create a superset of data during a [bi-directional synchronization](#).

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/GW

Enable Temp Files: If the **/GW** argument is used, PeerSync will enable the use of temporary files during file/folder renames and deletes. This is useful during 'Real-time Bi-Directional Synchronization' in order to prevent oscillation.

/LB

Bi-directional Folder Deletion: If the **/LB** argument is used, PeerSync will delete folders that have been deleted from Target or Source during [bi-directional scans](#).

/LC

Use Last Access File Time: If the **/LC** argument is used, PeerSync will always use last access file time for [bi-directional synchronization](#).

/LD [M | A | T | R]

Set Trigger Folder File Name: If the **/LD** argument is used, PeerSync will set enhanced [bi-directional synchronization](#) trigger folder filename extension to:

M	Use machine name as extension
A	Use LastAccessTime for TLR comparison
T	Use "~FLDR" extension in place of TLR
R	Reset/Delete all trigger folder-files

/LE

Use Enhanced bi-directional synchronization mode: The **/LE** argument is equivalent to **/LDMAT** mode. This will alter the way the [bi-directional synchronization](#) option functions by using enhanced features to track all file and folder adds, updates, deletions, renames and moves between scan cycles. In this mode PeerSync will use a hidden system trigger file within each sub-folder to store information about the last scan cycle for that sub-folder. Using this trigger file PeerSync can determine if a Folder was added, deleted, renamed or moved since the last scan.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/YO-

Retain Last Access Time for Two Machine bi-directional synchronization: The **/YO-** argument will store the original Last Access time of the Source File before synchronization and then it will set the Source and Target files' Last Access Times with the stored time after a file add or update. This will allow bi-directional scans between two machines to properly track file adds then subsequent file deletes within the next scan cycle.

Notes:

1. When using standard or enhanced bi-directional synchronization we recommend adding **/YO-** as well as **/QYD:0** to your list of [command line arguments](#) to ensure deleted files from one side are not re-added by the other side.
2. The **/YO-** argument should NOT be used if there are more than two machines involved in a bi-directional synchronization due to the need of the Last Access Time to be used by the third, fourth etc. machine during comparison with either of the other two machines.

/QYD:n

Set Safety Value for Last Run Time: By default PeerSync uses **/QYD:5** during standard or enhanced bi-directional synchronization. With this option enabled deletion events are programmatically delayed by approximately 10 seconds to account for any time differences between machines. This can be problematic when performing standard or enhanced bi-directional synchronization where a deleted file from one side can be re-added by the other. In this scenario we recommend using **/QYD:0** which represents a safety value of 0 seconds for deletions.

n = 0	safety value = 0 seconds
n = 1	safety value = approximately 2 seconds
n = 2	safety value = approximately 4 seconds
...	
n = 5	safety value = approximately 10 seconds

Note: When using standard or enhanced bi-directional synchronization we recommend adding **/QYD:0** as well as **/YO-** to your list of [command line arguments](#) to ensure deleted files from one side are not re-added by the other side.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. Some features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
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8.9 EOFM Arguments

/QD

Always Use Partial Locked File Extensions List For EOFM: If the **/QD** argument is used, any file that is in the Partial Locked File Extension List (default: .pst files) will always be synchronized using [EOFM](#) without scanning the file for partial locks.

Note: Please refer to the [/YF](#) argument for more detail on the Partial Locked File Extensions List.

/GY:x

EOFM Interval: The **/GY** argument is used to set the interval to try open and locked files via E. The Default is every 2 hours and the minimum value is every 30 minutes.

Note: This item is selectable from the Profiler via the [Options/Commands Screen](#).

/YY:n

Set EOFM Try Count: This argument is used to set the amount of times **n** to try and lock down a drive for full access via EOFM during each cycle. The default is 5 times.

Note: If this argument and the Set EOFM Base Timeout (**/YZ:n** argument) are not used then EOFM will wait 120 seconds five times.

/YZ:n

Set EOFM Base Timeout: This argument is used to set how long to wait for EOFM to lock the drive the first time in **n** seconds. Each subsequent try will have a timeout based on this value multiplied by the EOFM Try Count (i.e. 30, 60, 90, 120, 150). The default timeout is 30 seconds.

Note: If this argument and the Set EOFM Try Count (**/YY:n** argument) are not used then EOFM will wait 120 seconds five times.

Notes:

1. Any arguments containing spaces must be enclosed by quotes.
2. All features described on this page may require the [Enhanced Package](#).
3. Command line arguments can also be identified through hints displayed on the Profiler.
4. If you have selected to display hints through the View Menu (either on the application interface or in its Status Bar), a hint will be displayed for Profiler features upon passing the mouse cursor over them. These hints will display both a description of the feature as well as its related command line argument (if any).
5. For more information on the latest features and how to implement specific scenarios please goto our support page at: http://www.peersoftware.com/support/PS_documents.asp

9. Other Components**9.1 PeerSync Status Display**

This screen is used to view Current Profile Activity within the PeerSync application.

Status Screen Features	
Profile	Displays the name of the Profile actively being processed. This label may not match the name of the Profile currently being configured through Profiler.
Job	This indicator will dynamically display the name of whichever Job is presently being processed for the Active Profile.
Mode	This indicator will dynamically display the name of whichever Job is presently being processed for the Active Profile.
Source	Displays a file path for the Source Folder presently being synchronized.

Target	Displays a file path for the Target Folder presently being synchronized from the Source indicated above.
Folders	This indicator provides a count of all unsynchronized folders contained within the Source, and will decrease as each folder is synchronized. An additional "thermometer" indicator will also track the progress of folder synchronization.
Files	This indicator displays the total number of files contained within the Source while also providing a count of synchronized files. In addition, a "thermometer" indicator will show file synchronization progress by increasing according to the size of the current folder, with 100% representing the cumulative size of files contained within the Source Job set.
File	Indicates the name of the file currently being synchronized.
Large File or Compression Status	This caption will be displayed to the right of the file name that is currently synchronized for large files and during compression. The caption will show the size of the file that has been copied to the Target and/or compression status.
Skip File	This button will appear once the active Profile has been launched. This feature allows you to skip synchronization of the file currently displayed in the indicator described below. Skip Files enables you to avoid delays caused by large files on slow network or dial-up connections.
Size	Indicates the size (in bytes) of the file currently being synchronized. A related "thermometer" indicator tracks the progress of synchronization for that file.
Checked	This indicator displays the total number of files contained in the selected Source Folders.
Excluded	Indicates the number of files that were excluded from synchronization (See Exceptions).
Messages	Indicates the number of error messages generated during Profile processing.
Updated	Indicates the number of Target Files that were updated during synchronization of Profile Jobs.
Added	Indicates the number of new files added to Target Folders during synchronization of Profile Jobs.
Deleted	Indicates the number of files deleted (or moved) during synchronization of Profile Jobs.
Target Space	Indicates the Target Folder space remaining during synchronization of Profile Jobs.
Elapsed Time	Indicates the amount of time that has elapsed during the current Profile activity.
Hide	Will hide this display, which can be re-accessed via the Tray Icon Menu .
Quit	Allows you to close/exit the current session of PeerSync.

Other Screen Features	
Processed Lists	The Updated, Added, Deletions and Excluded screens will display statistical information in the above format. Each screen will have statistical information (File Name, Size, Modified Date/Time, Path, Duration, etc.) about the changes that have occurred during the current PeerSync session.
Item Count	Display of the amount of changes that have occurred for the current screen.
Maximum List Size	Allows you to select the maximum amount of changes that you wish to store for the current screen. It is recommended to keep this value low because each entry requires memory to be used by PeerSync.

Status Display Popup Menu	
Activated by right clicking on the PeerSync Status Display.	
View Log File	Allows you to access, launch and view Log files in the default text editor for the current Profile.
View Admin Folder	Allows you to access, launch and view Admin log file Folders in Explorer for the current Profile.
Open Source Folder	Allows you to access, launch and view Source Folders in Explorer for the current Profile.
View Target Folder	Allows you to access, launch and view Target Folders in Explorer for the current Profile.
Print	Allows you to print the current screen information.
Save As	Allows you to save the current screen information to file.
Clear List	Allows you to clear/reset the current screen information.
Re-Load Profile	Allows you to re-load the current Profile if any changes have occurred.
About PeerSync	Will display an about screen, that contains information about the current PeerSync you are running.
Quit	Allows you to close/exit the current session of PeerSync.

9.2 PSObserver

This utility allows for the ability to monitor PeerSync activity across the LAN for the centralized viewing of all PeerSync activity on the network. To enable this feature you must start each PeerSync you wish to view with the [/GO](#) argument, which can be set from the [Options/Commands](#) Screen. You can install, run and use PSObserver on any machine on your LAN. You can start PS Observer from your PeerSync install folder (or where ever you copy the PSObserver .exe file to) or from the [View Menu](#) in the Profiler.

PSObserver Screen Features

Group: Computer	Displays the Profile and the machine each PeerSync is running on.
User	Displays the current user of each PeerSync.
Current Status	Displays the current activity of each PeerSync.
Activity	Displays the current status of each PeerSync.
Checked	Indicates the total number of files that were checked for each PeerSync.
Excluded	Indicates the number of files that were excluded from synchronization for each PeerSync.
Updated	Indicates the number of Target Files that were updated during synchronization for each PeerSync.
Added	Indicates the number of new files added to Target Folders during synchronization for each PeerSync.
Deleted	Indicates the number of files deleted (or moved) during synchronization for each PeerSync.
Messages	Indicates the number of error messages generated for each PeerSync.
Time	Indicates the elapsed time.
Close	This button will close the utility.

9.3 PeerSync Remote Control

This feature allows you to connect to and monitor any PeerSync currently running on your LAN. Including PeerSync running as an application or a service on the local machine and/or any instances of PeerSync running on any machine that is accessible from the local machine.

PeerSync Remote Control Screen Features	
Profile Selection	The field located to the left of the Add Button. This field is used to add a Profile to the Profile Selection List. The format for a Profile selection is: MACHINENAME:PROFILENAME (i.e. DELLSERVER:Profile.snc).
Profile Selection List	The list located below the Profile Selection, which contains Profile Selections that can be connected to and monitored by selecting the item and using the Connect button.
Add	This button will add the current Profile Selection to the Profile Selection List.
Connect	This button will connect to the current Profile Selection and display its activity on the screen.
Disconnect	This button will disconnect the current Profile Selection and stop the display of activity.
Refresh	This button will refresh the current Profile Selection activity.
Pause/Resume	This button will pause/resume the current Profile that is selected.
Query	This button will search for and add all Profiles that can be found to the Profile Selection List.

Clear List	This button will clear out all entries from the Profile Selection List.
Remote Connection Information	Displays the computer, user and last response for the current connection.
Close	This button will close this dialog.

9.4 Quick-Sync

Quick-Sync Folder selection directly from MS Windows Explorer

This feature is a quick and easy way to synchronize folder(s) on the fly to backup location(s) with the option to modify your Job settings at a later time.

Using the Quick-Sync Option

Simply right click on any folder you wish to sync and select "Quick-Sync Folder...". This will launch the Wizard, which will ask you to select a Target Folder to sync to...and your ready to run the Quick-Sync. You also have the options to edit and/or add the current sync Job to your Quick-Sync Profile or any other selected Profile. Then the next time you select a folder if it matches any Source or Target selection in the Quick-Sync Profile the Jobs will be listed to pick from or you have the option to add a new Job.