

FastLook

Distributed Network License

This guide is intended to help you install the Distributed Network version of FastLook.

Please refer to the electronic help file for more details on the operation of FastLook.

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Overview

The FastLook Distributed Network has two components: the FastLook License Manager (FLM) and the FastLook viewer (Client). In operation, the FastLook viewer will be running from the local machine, while retrieving its license from the FLM located on a server.

The way the software works is: 1) The user runs FastLook on his machine. 2) FastLook will look to the server for a license. 3) Once it gets its license the FastLook interface appears.

Note: If there is no license available, the user will get a notice so stating and will be asked to try again later.

When user shuts down, FastLook communicates with the FLM and releases the license for future use.

FastLook Features

The following is a very brief outline of some of the features found in FastLook. For more information pertaining to the operation of FastLook, please refer to the *Help* file.

Configuration

We have gone to great lengths to provide you with the ability to reconfigure FastLook to suit your needs. Many options, such as scroll bars, background color, toolbar options and more, may be configured under the *Options* menu. Use the *Save Options* command if you would like to save the current configuration for future sessions of FastLook.

Finding A File

The Navigation Panel is a collection of tools to help you find and manipulate files. When FastLook is first run, the Panel is displayed in its closed state. Simply move the cursor over one of the tabs on the left side of the drawing window to cause the Navigation Panel to slide out for use. When a file is found, the Navigation Panel is used to easily pick the file or files to view, print, email, etc..

The Navigation Panel may be placed into one of a number of modes. You may switch between these modes easily by accessing the Tabs.

Files Tab

In the Files Tab the Navigation Panel consists of the tools necessary to navigate your drives and folders to easily find files.

Last Viewed Tab

The File List will display all of the files you have viewed in the current session. Hold the cursor over the filename to display the entire path. Exiting FastLook will clear the filenames from the list.

Groups Tab

The lower list box will present the SmartGroups that have been created. When you click on a SmartGroup, the file references contained in the SmartGroup will be displayed in the File List for your use. The SmartGroups Organizer is an easy way for individuals and workgroups to logically group drawings and documents together for easy, fast retrieval. This is a great way to store and share references to files that you use often or those that pertain to a specific task or project.

Preview Tab

FastLook allows the user to create a database of thumbnail images for the files in a folder. These thumbnails may be selected, viewed and printed. This database is kept locally for the user in the Preview sub-folder of the FastLook 2009 settings folder. Once a folder has been cataloged, it will display the thumbnails in the Preview Tab.

Views Tab

If the drawing you are viewing contains layouts, sheets and/or stored views, this tab will present the names of the views. You can easily change to another view by double-clicking on the name.

Layers Tab

If the drawing your are viewing contains layers or levels, the Layers Tab will present the list of layers and denote the layer's color and it's status as either on or off. All of these attributes can be changed from the tab. In addition, default layer configurations can be created, accessed and edited from the tab.

Viewing Files

If you wish to view one drawing or a number of drawings at once, FastLook is a real time saver. To view a single file, use the Navigation Panel to navigate to your drawings folder and double-click on the filename. Change the file type mask by using the link at the top of the panel.

To view multiple files, simply highlight the filenames in the File List, then either press the View button; choose View from the context menu; or press the Enter key. The images will be automatically opened in separate windows. To automatically tile the new windows, select the *Auto-Tile New Windows* option under the Options menu.

Zooming & Mouse Action

One feature of FastLook that will really spoil you is the automatic zoom window. When FastLook is not in Select Entity Mode, the zoom is always active. All you need to do is press and drag the left mouse button to outline the zoom window. When you release the mouse button, FastLook will zoom to the area you have specified.

When FastLook is in standard view mode, clicking the right mouse button, while the cursor is over the drawing window, will cause FastLook to take a user defined action. There are three options to choose, including a pop-up menu, a single command or no action. You may redefine this action under the *Right Click Action* section of the *General* tab in the *Options* dialog.

Basic Viewing Functions

The basic viewing functions for manipulating the image are accessed under the *Display menu*. These functions include various zoom commands, pan, image rotation, contrast, Monochrome Vector, Invert B&W, Change Page (for Multi-page TIFF), layer, stored views and 3D viewpoint manipulation, and redraw. FastLook views many different image types and not all of these functions are applicable to all images. Please refer to Help for details on how to use each of these functions.

Redlining

The redline, or markup, feature allows you to communicate your ideas by providing a means in which to draw annotations, corrections and instructions on drawings. FastLook saves the redlining entities you create in a separate file, always protecting the original. This file is automatically opened and overlaid when you view a drawing with redlining turned on. You can later export a redline file to the same file type as the one you are redlining.

If you wish to set redline file preferences for all your redlining files, access the *Global Redlining Defaults* dialog box from Options/Redlining. Refer to *Help* for a detailed explanation.

OverLook Window

OverLook is an extremely powerful tool for assisting in the viewing of large CAD and scanned drawings. Zoom either in the main window or the OverLook Window and a reticle appears in the OverLook. This reticle represents the current zoom state of the main window in relation to the entire drawing.

Send Mail

Drawings and related files can be easily emailed from FastLook to a co-worker. Your mail service must be MAPI compliant. FastLook will allow you to set defaults and to select what files to attach.

Compare Drawings

FastLook has the ability to easily compare two revisions of any AutoCAD .DWG, Intergraph/MicroStation .DGN, HPGL or DXF drawing files. The drawings being compared must have the same extents. FastLook will display the results of the compare in a separate compare window.

Printing

FastLook uses your standard Windows printer drivers when printing or plotting. FastLook has the capability to print a batch of drawings from a single directory. Also, FastLook gives you the ability to affect the printing of Line Widths. You may even use your AutoCAD PCP and CTB files. Printing options may be set under the *Options Dialog*. Text Stamping allows you to print date, time and text on your printed output. Refer to *Help* for more details on printing options.

Measure

FastLook provides the ability to measure distances and areas on many graphical formats. These *Measure* commands are found under the *Info menu*. The ability to calibrate the Measure units has been provided specifically for raster formats.

HyperLinking

This very powerful feature allows you to associate almost anything to "hot spots" on an image. Linking can be used to create custom applications like tying detail drawings to an assembly drawing, photos, other CAD drawings or supporting documents. Your users can access all the documents and drawings relevant to a process or project, simply by clicking an area on the computer screen. "Hot spots" may be associated with documents, drawings, images, text files, other applications, internet sites and even send commands to FastLook.

Information from AutoCAD drawings

FastLook has the ability to retrieve Extended Entity Data, Block Attributes, Object Data and SQL links which are stored in an AutoCAD drawing. From the *Info menu*, put FastLook in the entity pick mode that corresponds to the type of data you wish to retrieve. Simply pick an entity on the screen and FastLook will display the data. If you integrate FastLook with an external application, such as Visual Basic, FastLook will pass this data to your application for further processing. Contact Kamel Software for more information on this powerful feature.

Auto-Run Feature

To increase the initial response time, FastLook can be configured to run in the background at start-up. You can turn this feature on in the *General Tab* of the *Options* dialog. Using this feature does not use a license until you view a drawing.

Standby Mode

Standby Mode is another feature used to increase response time. After FastLook is exited, the program will sleep in the background until needed. When in this mode, the program can be accessed out of the system tray. No license is used when FastLook is in Standby Mode.

License Manager Installation

The FastLook License Manager (FLM) must be installed directly on a Windows server and will operate as a service. You will need an IP Address available on this server that is accessible by the client users.

1. Insert the CD-ROM into the CD-ROM drive of the server.
2. The Setup screen will appear automatically if you have the AutoRun feature enabled. If the Setup screen does not appear, run the SETUP.EXE located in the root of the CD-ROM.
3. Follow the on-screen instructions to begin install.
4. Read the License Agreement, check "I agree" and press the Next button.
5. Select the File Types you wish to view with FastLook from the list provided. You may select all by clicking on the "Select All Formats" link, or select only the types you wish by clicking on the checkbox to the left of the file type description.
6. Please specify the folder in which the FastLook program files will be copied by the installation program. Setup will create the following folder under the main FASTLOOK folder.
FASTLOOK\EXE - contains all of the program files.
7. Choose a group to use to store the FastLook icons or accept the default group.
8. Click Finish to install.
9. When the install is complete, you will be given the option to launch the FastLook Distributed Network Monitor to configure the FastLook License Manager.

Note: Once you have completed the configuration of the FLM, you need to go to your services monitor and start the FastLook Distributed Network service. This service is set for an automatic start on all future boots of this server.

Configure License Manager

As previously stated, once the installation is completed on the server you will be prompted to run the FastLook Distributed Network Monitor program to configure the FLM. For future use, you will have a shortcut on the server to run the Monitor (FLMON.EXE). The default username is **Admin** and password is **supervisor**.

To access the Configuration Dialog, run the monitor and select the *Configuration* command under the *File* Menu. A description of each tab continues below.

Communication Tab

IP Address and TCP Port

Select the IP and port you wish the FLM to use for communication. This will need to be a unique combination for this computer, as no two services can bind to the same combination.

Keep Alive Time

Set the Keep Alive Time, which defaults to 10 minutes. This time is used both as the amount of time a client will run after losing connection to the license manager, and as the amount of time the server will tie up a license when it fails to receive communication from the client.

Users Tab

You have the option of allowing open access to the FLM or forcing a login. In the case of open access, anyone using FastLook will have all rights. Forcing a login affords the ability to assign username and password protection to the FLM, in addition to the ability to specify rights to each of the users, ie printing, redlining, etc..

Always Prompt for Login

This option will present the user with a Login screen when FastLook is run. FastLook will use the *User Name*, *Password* and *Rights* established in User Tab. Disabling this option will allow full access to all users.

Allows Users to Change Password

This option will allow users to change their own password. When enabled, a menu item called *Change Password* will appear under the *File* menu in FastLook.

To Add Users

Press the *Add* button to add a new user. Enter the *User Name* and *Password*. You may now assign rights to the new user. Press *Save Changes* when you are finished assigning rights to this user. To cancel the changes you have just made, press *Cancel and Restore*.

The User information is stored in a database named FASTUSE.DBF, located in the FastLook\EXE directory.

Allow Guest Login

This option will allow any user to sign in as a Guest User automatically. When someone attempts to login, and this option is checked, they may sign in as Guest. You may assign rights to the Guest User. The Guest User may not be assigned a password or may not be deleted from the database.

Assigning Rights

Rights may be assigned by choosing a predefined group or selecting a custom set of rights. You may change rights for a user by accessing the desired *User Name* and changing the rights in the *Rights* section. To select a predefined group, click the left mouse button on the desired group title. If a predefined group does not represent the rights you wish a specific user to have, you may select a custom set of rights. A check next to a right denotes that this right is enabled for this user. *Clear Rights* will clear all rights for the individual user specified in *User Name*. Be sure to *Save Changes*.

Predefined Groups

Administrator Privileges - All rights are assigned, along with the right to add and delete users from the database.

Full Access - All rights are assigned, except for the right to add and delete users from the database.

View + Edit Link/Redline - Rights include Screen Config, Printing, Exporting, Launch, View Redline, Create/Edit Redline, View Link and Create/Edit link.

View Only - Rights include the same as above, except for Create/ Edit Redline and Create/Edit Link.

Print Options Tab

Stamp Printout with Redline Warning

FastLook may be configured to print a Warning if a Redlining or Linking file exists for the particular drawing or image to be printed. You may elect to print the current date, time, filename, user name, specified text or any combination of these for the warning. These combinations may be printed in any one of six locations on the page.

To create a Stamp

1. Check the Enable checkbox.
2. Select a "Position on Printout" such as "Upper Left".
3. The font may be set for each position by selecting the *Choose Font* button.
4. Type any text you wish to print in the *Redline Warning* edit box. You may wish to include one of the stamping variables in the text string. To do so, simply press the *Insert Stamping Variables* button and choose the desired variable. A variable may appear in any position in the string.

Text Stamping

FastLook may also be configured to print a Text Stamp on most drawing formats. The Text Stamp is created in the same manner as the Warning. A Stamp may be printed in each of six positions independently. If the Warning is enabled, the position defined for the Warning will not be available. A Global Print Stamp defined in this section will take precedence over any Print Stamp the user has defined locally.

Global Settings Tab

These will be global settings effecting all users. In many instances it may be desirable to limit ALL user access to various functions, i.e. printing, redlining, etc.. Checking or unchecking one of these settings will cause all users to gain or lose this functionality, regardless if you have assigned rights to individual users in the Users Tab.

<u>Setting</u>	<u>Corresponding FastLook Command</u>
Copy Files	File/Copy
Rename Files	File/Rename
Delete Files	File/Delete
Allow View Menu	File/View and File/Open
Export	File/Export
Launch Programs	File/Launch
Email	File/Send Mail
Print	File/Print
Set Redline Preferences	Redline Edit/File Preferences
Redlining	Redline/View Redlining
Linking	Links/View Links
Change Configuration	Options/Options

Program Updates - This option is available to allow the FLM to automatically update the FastLook client viewer. Any updates you place in the EXE folder of the Server installation will cause the user to be prompted the next time the FastLook client is run that updates are available. If he elects to update, these new files will be downloaded and the user will be told that he will be updated the next time he starts FastLook.

Client Installation

The FastLook viewer software must be installed on each client computer. If you wish to provide each new user installation with your own configuration, i.e. toolbars, font path, etc., read the section named *Creating User Settings Template*. If you simply wish to install the FastLook viewer with factory default setting skip this next section.

Creating User Settings Template

FastLook provides the user with many configurable options. If you elect to change the default options, these changes are saved in the FLUSER.INI. The ini is located in the C:\Documents and Settings\%USER%\Local Settings\Application Data\Kamel Software\FastLook 2009 folder

If you wish to customize any of the user configurable options for your network users, follow these steps.

1. You must first install the FastLook viewer software on a client machine by following the instructions in the next section entitled *Installing Client Software*.
2. After installing the FastLook viewer, run the program and make your setting changes.
3. Press the *Save Options* command under the Options Menu to save these settings.
4. Next, copy the FLUSER.INI file into the FastLook/EXE folder located ON THE SERVER.

This will cause the User Setup to automatically use a copy of this INI file as the default template for setting program options for all subsequent client user installations.

Installing Client Software

The FastLook viewer software may be installed in one of two ways depending on the type of connection the client has to the server.

In either case, the USER32.EXE will install all the FastLook files to the client machine and set up the shortcut to run FastLook. If you have created a User Settings Template (FLUSER.INI), the User Setup will use it to set user options. This is a way for you to give the user a set of starting settings that you have chosen, rather than the user starting with defaults.

LAN Access

If the client user has access through the LAN to the FastLook folder on the server, he may run the USER32.EXE setup program directly. The first time a client runs, he will be prompted to provide the IP/Port combination for the license manager. The only time a prompt will ever reoccur for that user will be if the client cannot find the server on start up.

No LAN Access

If the client does not have LAN access, you will need to provide the program files, either through ftp, email or CD. Use the User Deployment Tool to create a self-extracting EXE, which your users may use to setup the FastLook Distributed Network Client.

The User Deployment Tool is found in the FastLook/EXE folder on the server. The filename is CreateDistUserSetup.EXE.

Technical Support

All technical support must be done through the *Report a Problem* feature located under the *Help* menu. Please use this feature to access your Priority Maintenance subscription to update your FastLook.



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