



KIP Print
User Guide



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Introduction

KIP Print software is a stand-alone Windows application used to send documents, or sets of documents, to a KIP printer. KIP Print is a Windows 32/64-bit application that enables users to print across a network. KIP Print has many advanced features and powerful functions for print customization.

KIP Print software allows the user a number of adjustable options like selection of media type, number of copies, KIP Track fields, zoom ratio, pen table adjustments, as well as stamping and fold options.

The KIP Print software package also allows the user to configure the KIP System features, including Scan-To-FTP locations, KIP Track Passwords and Usernames, as well as retrieve scanned images from KIP Mailboxes. KIP Print is also used to configure KIP PrintNET, KIP's browser-based submission utility.

KIP Print software is a comprehensive tool which allows access to the advanced functions and features of the KIP.



KIP Print Installation

System Requirements

Supported Operating Systems:

Windows XP – 32/64 bit

Windows 7 – 32/64 bit

500MB Free Disk Space

2 GB RAM

Intel Dual Core CPU or equivalent

Administrator rights required to install software

3.5 .NET Framework

Installation

Three methods are available to install *KIP Print* on a Microsoft Windows workstation.

1. Use the KIP Installation CD provided with the KIP. (Installation software should also be located on your local KIP provider's web site if this CD is not available. Please ensure that the Installer Version is correct for your KIP system!)
2. The KIP Windows Driver, when correctly installed and connected to a KIP printer, allows the user to install *KIP Print*.
3. *KIP PrintNET* allows the user to download and install *KIP Print* as you would from a web site.



CD Installation

1. Locate the KIP Software CD and place in CD drive.
2. Browse CD for INSTALLATION and KIP Print.
3. Follow the prompts and select all defaults settings for easy configuration.

Installing from KIP Windows Printer Driver

1. Click on "Start", then "Devices and Printers", and locate the KIP Windows Printer Driver in the list of installed printers. (If you do not see a KIP printer, please use the Installation CD.)
2. Right click on the driver and select "Printer Properties".
3. On the "Printer Status" tab will be an "Install *KIP Print*" button.
4. Follow installation prompts. Please accept the default settings for easy configuration.

Installing from KIP PrintNET

1. Launch KIP PrintNet
2. Click the question mark (?)
3. Click "Print". The user will be prompted to save an installation file.
4. Launch the installation file and follow the installation prompts.



First Launch

KIP Print automatically searches for installed KIP devices. Therefore, it may take several minutes for the program to open the first time, while it attempts to find configured KIP devices. (see Connection to KIP Printers)

Windows 7 Note: In order for the *KIP Print* to work properly on Windows 7 please install the software using Administrative rights. The Compatibility Mode must to be set to “Run this program as an Administrator.” If there are still issues running KIP software, User Account Control (UAC) may have to be adjusted.

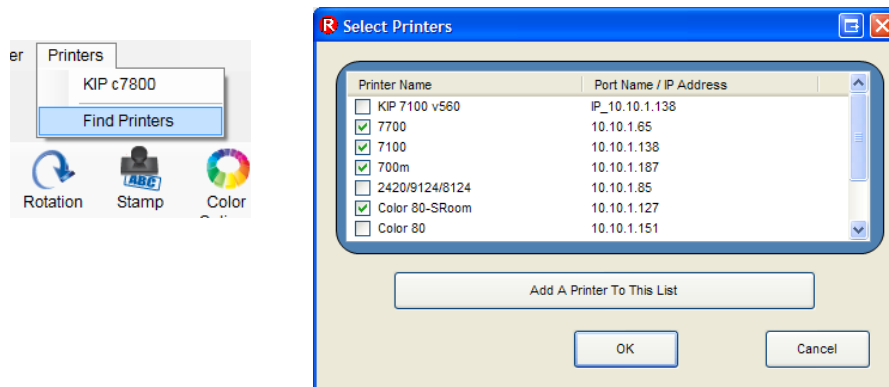
Windows Vista Note: In order for the *KIP Print* to work properly on Windows Vista, please install the software using Administrative rights. To do so, right click on the installation package and select “Run as Administrator”. After it installs you **must** run the program once as Administrator. (Right-click on the Shortcut created at the desktop and select “Run as Administrator”) This allows the program to correctly establish the proper folder structure.

Connection to KIP Printers

Once the *KIP Print* application is installed and run for the first time, it is necessary to connect to a KIP device. Please ensure that the KIP printer is properly installed and configured with a valid IP address. KIP Print will automatically attempt to detect installed KIP printers via a UDP broadcast. If you have a client firewall, it will be necessary to manually input the IP address for your printer.

Find KIP Printers

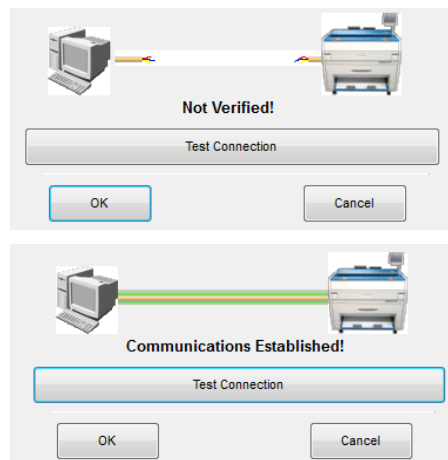
On the toolbar menu, select "Printers" then "Find Printers". The program will poll the network for available KIP printers, and provide a list to select from.



1. From the Select KIP Printers window, check the KIP Printer(s) that will be used.
2. Click OK to return to the KIP Print menu.



3. If the KIP Printer is not in the list from the FIND KIP PRINTERS window, click ADD A PRINTER TO THIS LIST.
4. Select SET IP ADDRESS and enter the IP Address of the KIP (recommended setup).
5. In the "Description" field, key in a friendly Printer Name that the User can recognize (model number such as "C7800").
6. TEST the connection.



7. Click OK to return to the SELECT PRINTERS screen and ensure that the printer is selected with a check mark.
8. Click OK again to return to *KIP Print* window.
9. If a successful connection has been established, printer status information will be displayed in the lower main window.

111				
Roll 1: 36.0"Bond - 20# Standard - 75%	Roll 2: 18.0"Bond - 20# Standard - 100%	Roll 3: 11.0"Bond - 20# Standard - 75%	Roll 4: Not Installed	Sheet 5: 36.0" x 48.0"Bond - 20# Standard
Meter A: 41 1 Linear Meters		Meter B: 11 1 Linear Meters		Total: 3 Linear Feet

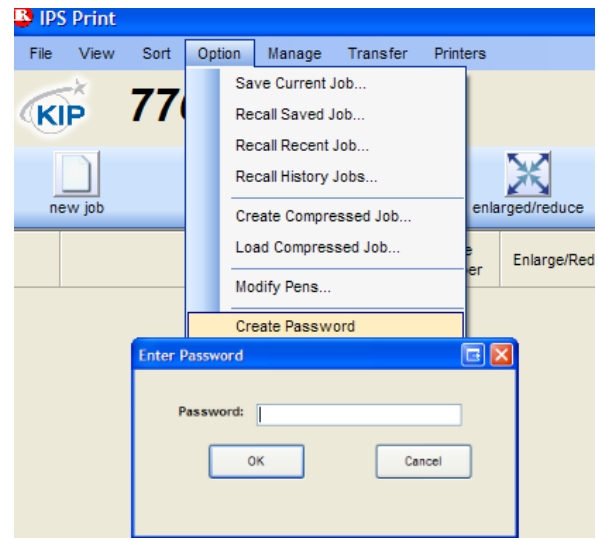


Benefits of a Master Password

If a Master Password has been established, several software features will be locked unless the password is known.

These include:

- User Account control. The administrator has the ability to add user data, user passwords, and other KIP Track data.
- Uploading Force size schemes, pen tables, and other settings to the printer.



From the OPTIONS menu, select CREATE PASSWORD to establish the Master Password.

If a password has already been established, CHANGE PASSWORD allows administrators to reset the “Master Password”.

If KIP Track is not going to be used, setting a Master Password is not normally necessary.



Features

Main Menu

The screenshot displays the KIP Print software interface. At the top, the title bar reads 'KIP Print' and the window title is '7800 Showroom'. The menu bar includes 'File', 'View', 'Sort', 'Option', 'Manage', 'Transfer', and 'Printers'. A 'SUBMIT PRINT JOB' button is located in the top right corner.

The toolbar contains various icons for file management and printing options, including 'New Job', 'Add Files', 'Recall Job', 'Enlarge Reduce', 'Stamp', 'Color Options', '2-Up', 'Fold', 'Pen Table', 'Mirror', 'Invert', 'View Image', 'Freeze Panes', 'Header', and 'Print Queue'. A '7800 Showroom' label is also present in the toolbar area.

Below the toolbar is a table listing selected files and their properties:

Selected Files	Page Number	Original Image Size	Enlarge / Reduce	Output Image Size	Remove White Borders	Stamp	PDF Dither Mode	Color Option	PDF Min Fi. Size
C:\Images\PDF\ldr28H.pdf	1	42.81" x 31.33"	100.0%	42.81" x 31.33"	Yes	None	Printer	CAD - Line	Print
C:\Images\PDF\loft.pdf	1	11.00" x 8.50"	100.0%	11.00" x 8.50"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\loft.pdf	2	11.00" x 8.50"	100.0%	11.00" x 8.50"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\loft.pdf	3	11.00" x 8.50"	100.0%	11.00" x 8.50"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\loft.pdf	4	11.00" x 8.50"	100.0%	11.00" x 8.50"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\loft.pdf	5	11.00" x 8.50"	100.0%	11.00" x 8.50"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\loft.pdf	6	11.00" x 8.50"	100.0%	11.00" x 8.50"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\New_York_City.pdf	1	10.24" x 6.82"	100.0%	10.24" x 6.82"	No	None	Printer	CAD - Line	Print
C:\Images\PDF\lstate_of_Liberty.pdf	1	6.82" x 10.24"	100.0%	6.82" x 10.24"	No	None	Printer	CAD - Line	Print

Below the table, the 'Job Code' is 'KEMEWOGO' and 'Files in the Job' is '9'. The main preview area shows three pages of a job: a color map (page 1), 'Loft Bed Plans' (page 2), and a technical drawing (page 3). A right-hand panel contains job details: User Name: TJanisse, Job Number: [blank], Description: [blank], Requested Time: 11:10, Date: 5/8/2012, Media Type: Bond - 24# PREMIUM, # of Copies: 1, and checkboxes for 'Collate' (checked) and 'CutSheet' (unchecked).

At the bottom, a status bar shows: Roll 1: 36.0" Film - ADHESIVE - 25%, Roll 2: 36.0" Bond - 40# BOND - 25%, Roll 3: 36.0" Bond - 24# PREMIUM - 100%, Sheet: Not Installed, Meter A: 101,303 Sq. Feet, Meter B: 15,980 Sq. Feet, Total: 43,337 Linear Feet.



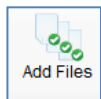
NO.	NAME	FUNCTION
1	Printer Selection	Click on the "name" or use the pull-down menu to select the printer you wish to connect to, if more than one KIP device installed.
2	Text Toolbar	Toolbar Menu for program functions and setup
3	Graphic Toolbar	Toolbar menu for the most common image and job functions
4	New Job / Add Files	Two of the most common functions: Create a NEW JOB, and ADD FILES to the current job.
5	Key Job Settings	This area allows the key details to be applied to a job, if needed.
6	Pre -View Pane	Files can be pre-viewed prior to printing. Click on this area to pre-view a file.
7	Printer / Job Info	Displays current printer roll information or status as well as basic job / file information
8	KIP Track Area	Enter optional User Name, Distribution Field, and Description Fields
9	Media Selection	Select the media
10	# of Copies	Enter the number of copies for the job
11	SUBMIT Button	The final step in Job creation. This button submits the job to the printer.

Graphic Toolbar - New Job



NEW JOB allows user to remove any files from their Job Build Grid and begin with a fresh workspace. If files are in the Job Build Grid, users will be prompted to save their workspace, and may recall this workspace at a later date.

Graphic Toolbar - Add Files



ADD FILES allows a user to browse their local PC or network resource for available print image data.

After selecting a folder, printable files within the folder will be displayed in this area. The details of the file are also noted, such as size, type, and date modified.

Click on column headers to sort images by FILE NAME, IMAGE SIZE, MODIFIED DATE, and FILE TYPE.

Contents of: L:\KIP Printer Demo Images\Digital Originals\HPGL2			
Name	Image Size	Modified	Type
<input type="checkbox"/> ALLPLANO.PDF	47.00" x 33.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> ALLPLANO.PLT	47.00" x 33.00"	3/2/1995 1:55:...	PLT
<input type="checkbox"/> KESSLER.plt	41.00" x 30.00"	12/15/1998 10:...	plt
<input type="checkbox"/> KESSLER.PDF	41.00" x 30.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> Color Wheel_...	36.00" x 24.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> Color Wheel_...	36.00" x 24.00"	11/4/1999 5:49...	plt
<input type="checkbox"/> 02UTIL.plt	36.00" x 24.00"	1/5/2001 12:22...	plt
<input type="checkbox"/> 02UTIL.PDF	36.00" x 24.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> 014ortho.PDF	36.00" x 24.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> 014ortho.plt	36.00" x 24.00"	3/28/2011 12:0...	plt
<input type="checkbox"/> Wilhome-Plan...	36.00" x 24.00"	2/25/2008 1:47...	PLT
<input type="checkbox"/> Wilhome-Plan...	36.00" x 24.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> Color Palette...	35.00" x 24.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> Color Palette.rtl	35.00" x 24.00"	10/3/2000 3:22...	rtl
<input type="checkbox"/> acad03.PDF	33.00" x 21.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> acad03.plt	33.00" x 21.00"	8/26/1998 2:57...	plt
<input type="checkbox"/> CROSS LINE...	16.00" x 10.00"	6/16/2011 10:3...	PDF
<input type="checkbox"/> CROSS LINE...	16.00" x 10.00"	4/13/2001 12:1...	plt
<input type="checkbox"/> Thumbs.db	.00" x .00"	6/16/2011 10:3...	db
<input type="checkbox"/> SCPBRWSE8...	.00" x .00"	1/3/2011 1:43...	CFG

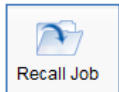
Click to select all files within a given folder.



Click to de-select all previously selected files.

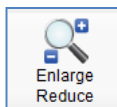


Graphic Toolbar - Recall Job

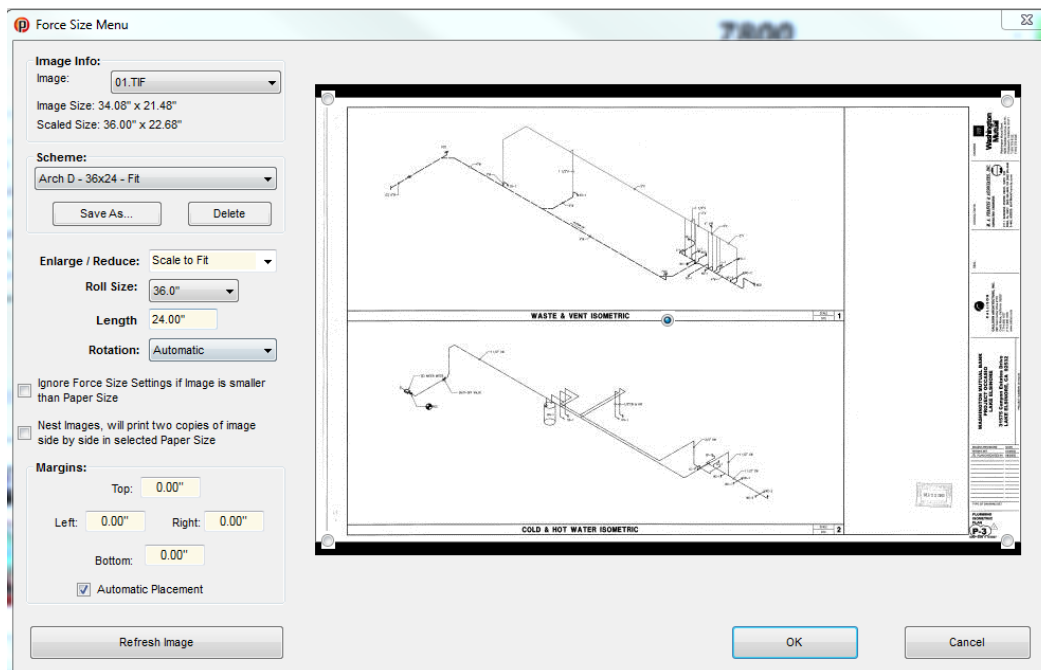


RECALL JOB quickly recalls the last print job submitted to the printer. All previous settings will be restored. The Job may be edited again prior to submittal.

Graphic Toolbar - Enlarge/Reduce



Selecting the ENLARGE REDUCE button will open the Force Size Window, allowing the user to create a Force Size Scheme. This scheme can be applied to one or more files within the job.



To create a temporary setting, select the desired parameters (ex. Bellow) and select the "OK" button. This will create a Force Size Temp file (ex. FS-Temp-1) that can be applied to files. Once *KIP Print* is closed, these temporary schemes will be removed.



Image Information

The current selected file size and any scale applied to it will be displayed here. To note any other selected (tagged) files, use the drop down to select the required file.

Scheme

A list of pre-configured schemes that can be applied or modified.

Enlarge / Reduce

Select from a drop down menu of common zoom ratios, or enter a custom value in this field.

Roll Size

Select the roll width to be printed on.

Length

Enter a value to force length, or enter zero (0) to automatically cut the media to the length of the image.

Rotation

All prints are automatically rotated to best fit the installed media. The User may also force rotations 0, 90, 180, or 270.

Ignore If Smaller

When selected, images will only scaled down. Images smaller than the paper size will not be scaled.

Nest Images

To increase print production, two repeating images can be set side by side on a single

Enlarge / Reduce:

Roll Size:

Length:

Rotation:

	Selected Files	Enlarge / Reduce:
1	C:\Images\Mixed Files\SC-C3-A2.PLT	FS-Temp-1
2	es\Mixed Files\24x18 Graphic Chicken Legs.pdf	100.0%
3	iles\21x36 Graphic Spirits_Heinenken_Bottle.pdf	100.0%
4	C:\Images\Mixed Files\SC-C3-A1.PLT	100.0%

page, and cut after printing.



Margins

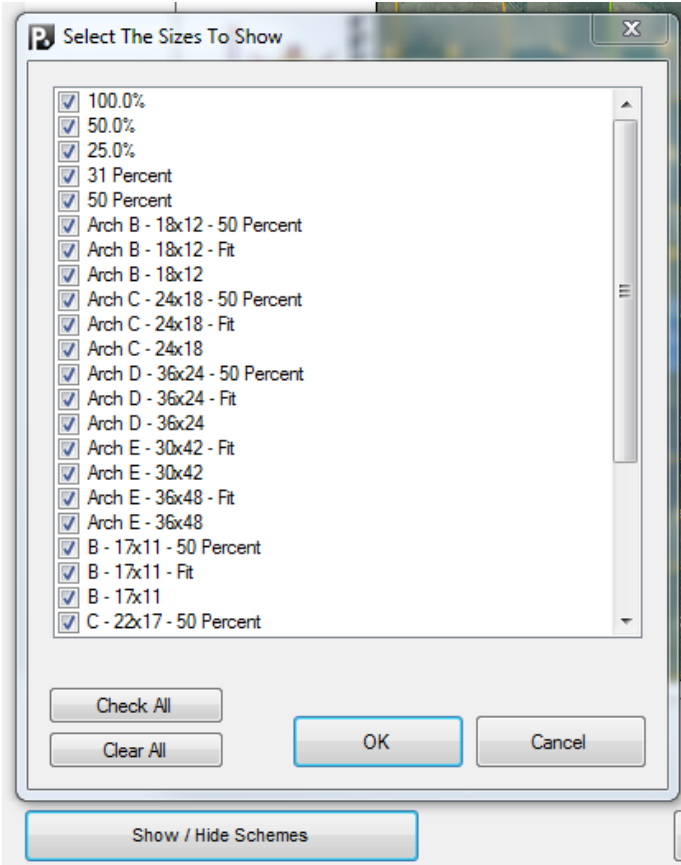
The image can be positioned anywhere on the page using these fields. If Automatic Placement is unchecked, the user may drag the image on the view window.

Refresh Image

After any settings are applied, press this button to refresh the view window.

Show/Hide Schemes

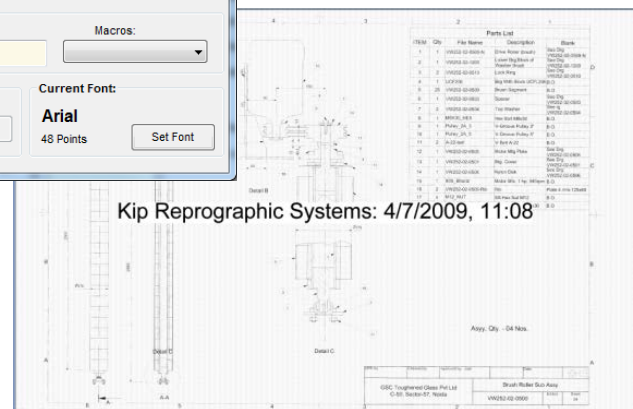
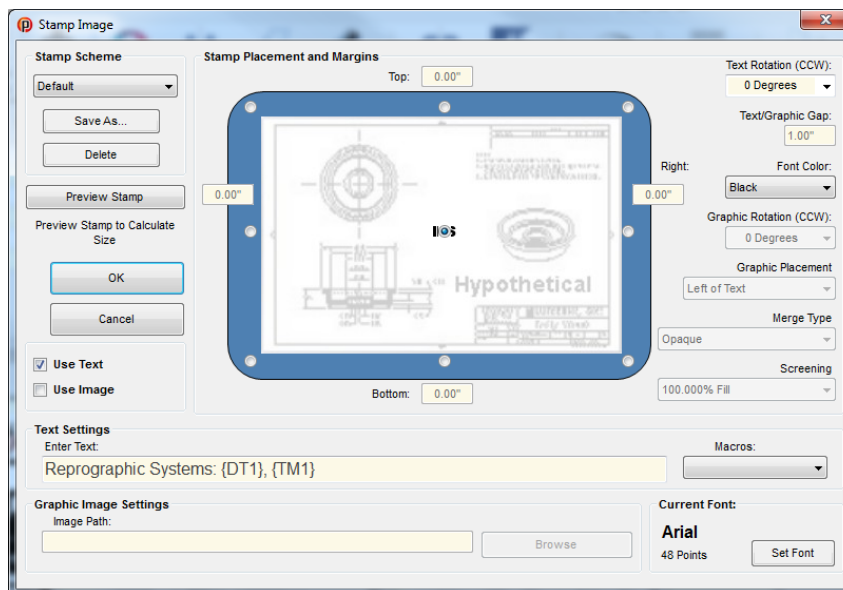
The Show/Hide Schemes button allows the user to determine what schemes are displayed when the Drop down arrow is selected under the Enlarge/Reduce column. When this button is selected a window will open allowing the user to Select/Unselect the schemes they prefer to have available.



Graphic Toolbar – Stamp



Stamps (or watermarks) can be applied to any printed document.



Stamp Creation

To apply a stamp setting to all selected files choose the stamp setting prior to selecting the files.

Stamp Schemes

Custom stamp settings are saved as schemes which can be applied to one or more images.

Use Text

Allows the user to place text in their stamp.



Use Image

Allows the user to place an image in their stamp.

Current Font / Set Font

Displays the currently selected font. Click SET FONT to change the stamp font.

Stamp Placement and Margin Area

This area allows placement of the stamp in 9 preset locations. Margins may be applied to move the image up to 5" from the selected border.

Text Rotation – Pull down

Allows the user to rotate (counter clockwise) the text portion of their stamp in 45° increments. User may also click on the "KIP" in the Stamp Placement area to cycle through the Text Rotation options.

Text / Graphic Gap – Text Field

Applies a separation of up to 5" between the Text and Graphic stamps.

Graphic Rotation – Pull down

Allows the user to rotate (counter clockwise) the graphic portion of their stamp in 45° increments. User may also click on the "Logo" in the Stamp Placement area to cycle through the Graphic Rotation options.

Graphic Placement – Pull down

Determines the placement of the graphic in relation to the applied text. This is ignored if text is not applied.



Merge Type – Pull down

OPAQUE displays the stamp on top of the image. The background of the stamp is white and will obscure some image.

TRANSPARENT overlays the stamp on top of the image. The background of the stamp is transparent.

INVERT displays the stamp on top of the image. Colors are inverted where the data intersects.

Screening – Pull down

Allows the user to define the screen level (shading) of the stamp using pre-set screening percentages.

Text Settings Area

Enter the text of the stamp. Add a Macro within the text if desired.

Macro – Pull down Menu

Choose a macro from the list to apply information at print time, such as User name, time of day, etc.

Graphic Image Settings Area

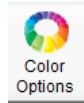
This displays the path to your selected graphic image. The path is relative to the user's workstation.

The image file must also reside on the KIP. It may be pushed to the from the workstation. Alternately, the user may apply the stamp to document with a file label called "Savestamp.tif". It will then automatically be copied from the workstation to the KIP.

Preview Stamp

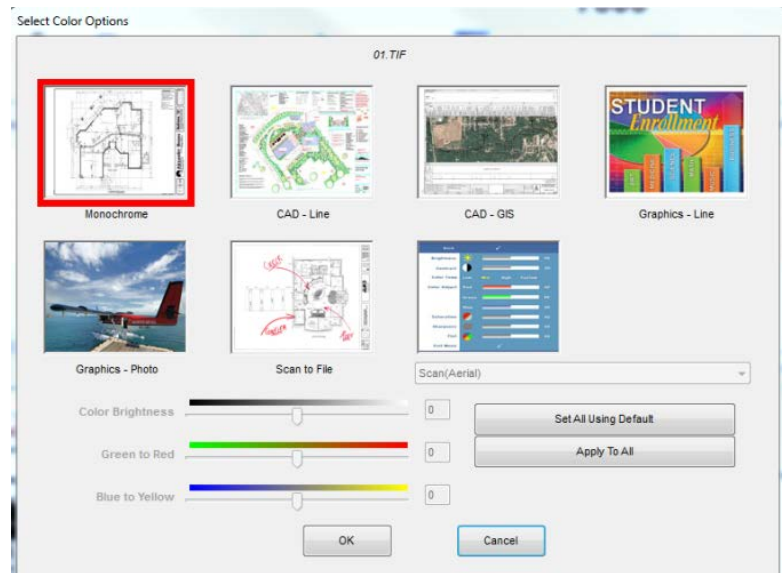
Click to see the configured Stamp settings in the viewer. Use CTRL+TAB to cycle through multiple images.

Graphic Toolbar - Color Options



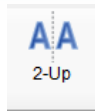
KIP Print offers the simplest method to print files using COLOR OPTIONS Presets. These Presets are defined and modified using KIP PrintNet on the C7800 and are of the most common image types. Please see the KIP PrintNet User Guide for more information on modifying these parameters.

- Print Image Monochrome
- CAD - Line
- CAD - GIS
- Graphics - Line
- Graphics - Photo
- Custom
- Brightness
- Color Adjustment

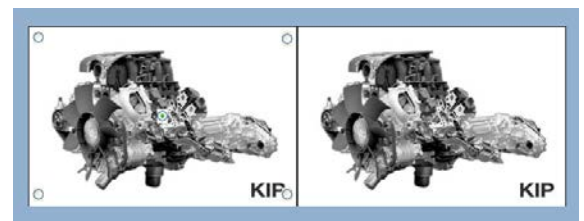




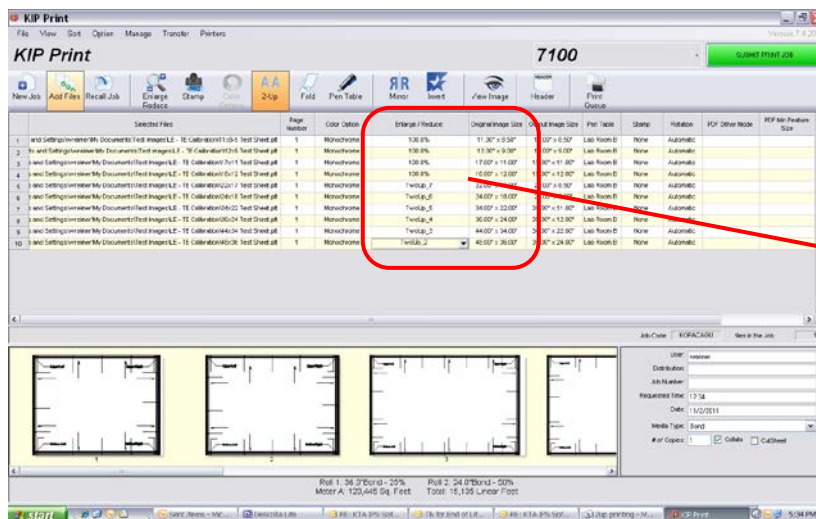
Graphic Toolbar – 2 Up Printing



2-UP PRINTING activates the automatic 2-UP printing feature. This will allow the user to very quickly print files 2-UP for production printing of half size. 2-UP sizes are determined by a pre-configured data file that will automatically set the 2-UP size depending on the actual size of the original file noted in the Enlarge/Reduce column.



As an example, the “2-Up” button was selected, then files of various sizes loaded:



Enlarge / Reduce:	Original Image Size
100.0%	11.00" x 8.50"
100.0%	12.00" x 9.00"
100.0%	17.00" x 11.00"
100.0%	18.00" x 12.00"
TwoUp_7	22.00" x 17.00"
TwoUp_6	24.00" x 18.00"
TwoUp_5	34.00" x 22.00"
TwoUp_4	36.00" x 24.00"
TwoUp_3	44.00" x 34.00"
TwoUp_2	48.00" x 36.00"

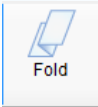
Notice that different original image size files but only some files have “2up” schemes and some have different type of schemes. The variables of the “2up” schemes are governed by the “2upprinting.dat” file located in the folder of \Documents and Settings\All Users\Application Data\IPS\IPSPRINT on the workstation. The various settings within this configuration file govern what would occur for the 2up printing when a certain file size is selected.

As a default A, B , A4 &A3 sizes are noted scaled for 2Up. Other standard image sizes (C, D, E, A2, A1, & A0) have default 2up parameters that permit scaling and image placement.

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Graphic Toolbar - Fold



KIP Print has simplified the method in which FOLD parameters are defined within a print set. Within KIP Print, it is only necessary to select the fold packet style or leave the settings configured for Controller to allow the printer software determine the best fold packet for the desired original.

1. Within KIP Print, begin by selecting the files to be printed by browsing on the network or local PC and clicking on the file; a red checkmark will signify that the image has been selected.

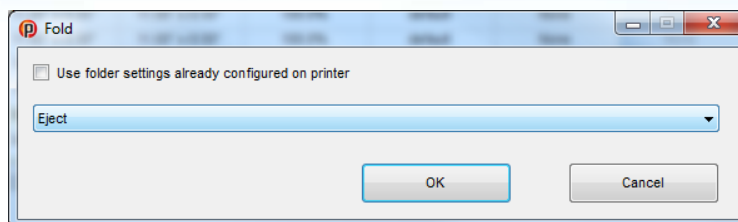
	Selected Files	Page Number	Original Image Size	Output Image Size	Enlarge / Reduce:	Pen Table	Stamp	Fold
25	C:\images\Lincoln.pdf	1	6.82" x 10.24"	6.82" x 10.24"	100.0%	default	None	None
26	C:\images\loft.pdf	1	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	None
27	C:\images\loft.pdf	2	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	None
28	C:\images\loft.pdf	3	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	None
29	C:\images\loft.pdf	4	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	None
30	C:\images\loft.pdf	5	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	None
31	C:\images\loft.pdf	6	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	None
32	C:\images\IM2.pdf	1	36.00" x 24.00"	36.00" x 12.00"	TwoUp_4	default	None	None
33	C:\images\SC-C3-A1.PLT	1	34.01" x 22.01"	34.00" x 11.00"	TwoUp_5	default	None	None

2. Once all images have been selected, they will appear in the selected files area at the bottom of the KIP Print screen.
 - If you wish to select the same fold pattern (packet) for all images in a desired print set, simply select the first file in the list and the desired fold Packet. Next position the cursor in the bottom right corner of the fold box until it goes from an arrow cursor to a + cursor. Left click and hold while dragging the box down. This will change all selected files at one time.

	Selected Files	Page Number	Original Image Size	Output Image Size	Enlarge / Reduce:	Pen Table	Stamp	Fold
25	C:\images\Lincoln.pdf	1	6.82" x 10.24"	6.82" x 10.24"	100.0%	default	None	Controller
26	C:\images\loft.pdf	1	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
27	C:\images\loft.pdf	2	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
28	C:\images\loft.pdf	3	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
29	C:\images\loft.pdf	4	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
30	C:\images\loft.pdf	5	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
31	C:\images\loft.pdf	6	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
32	C:\images\IM2.pdf	1	36.00" x 24.00"	36.00" x 12.00"	TwoUp_4	default	None	Controller
33	C:\images\SC-C3-A1.PLT	1	34.01" x 22.01"	34.00" x 11.00"	TwoUp_5	default	None	Controller



3. Select the fold icon to browse for the list of available fold packet types.



- The packet list is generated by the KIP software at the printer and is configured through KIP PrintNet. **Eject** and **KIPFold 500 – Fan Fold** is static and cannot be modified. Selecting **Eject** is the same as setting the fold parameters to **None**.
 - **Use folder settings already configured on printer** is an automatic setting and will choose fold packet type(s) based on settings that are configured on the KIP. This is considered an “automatic” setting and will require the least amount of user intervention when folding.
4. The selected files area will update with any fold parameters that have been selected.

	Selected Files	Page Number	Original Image Size	Output Image Size	Enlarge / Reduce:	Pen Table	Stamp	Fold
25	C:\images\Lincoln.pdf	1	6.82" x 10.24"	6.82" x 10.24"	100.0%	default	None	Controller
26	C:\images\loft.pdf	1	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
27	C:\images\loft.pdf	2	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
28	C:\images\loft.pdf	3	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
29	C:\images\loft.pdf	4	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
30	C:\images\loft.pdf	5	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
31	C:\images\loft.pdf	6	11.00" x 8.50"	11.00" x 8.50"	100.0%	default	None	Controller
32	C:\images\W2.pdf	1	36.00" x 24.00"	36.00" x 12.00"	TwoUp_4	default	None	Controller
33	C:\images\SC-C3-A1.PLT	1	34.01" x 22.01"	34.00" x 11.00"	TwoUp_5	default	None	Controller

Note: It is possible to utilize different fold packets for different originals.

- Select each file that is to have a different fold by selecting the first file in the list and the desired fold Packet. Next position the cursor in the bottom right corner of the fold box until it goes from an arrow cursor to a + cursor. Left click and hold while dragging the box down. This will change all selected files at one time. Also files can be changed one at a time by selecting the desired folder packet from the drop down list.

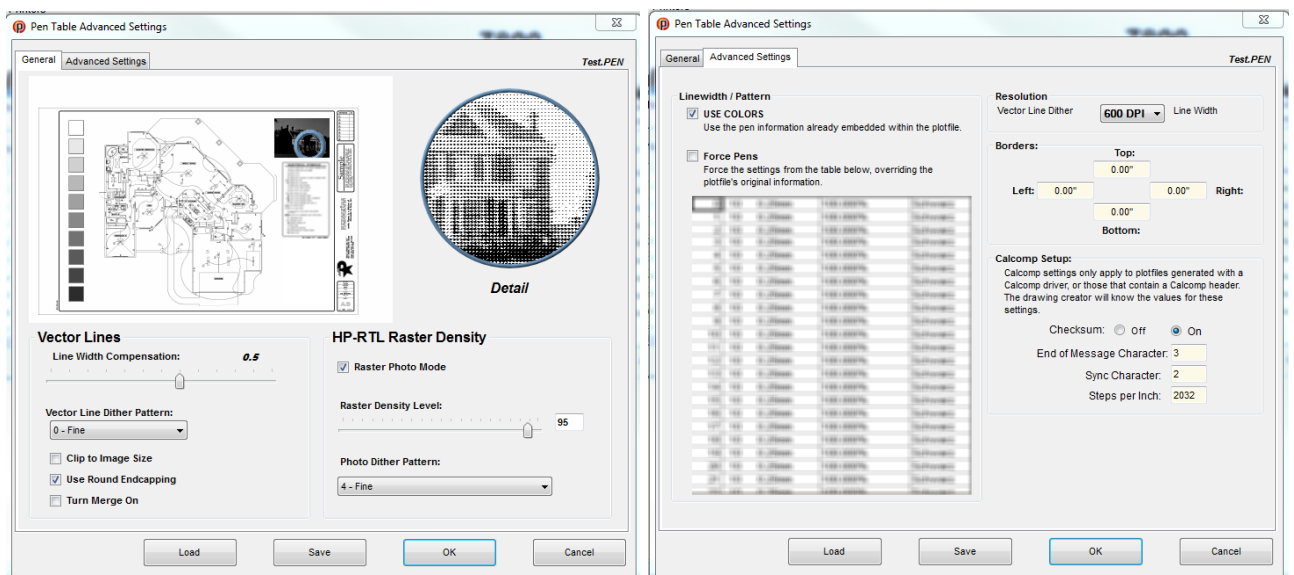
1. Click on the FOLD button icon to choose the desired fold packet from the list
2. The change in fold type will be reflected in the Selected Files area.



Graphic Toolbar - Pen Table



PEN TABLES are additional instruction sets for HPGL/2 or HP-RTL files, and are only applied to these file types. These tables include data for pen widths, raster density, dither patterns, junctions, etc.



Use Colors

This applies a file's native pen width information, and half toning information. Unless you are making changes to a customer's file, USE COLORS is the setting most often used. When USE COLORS is applied, the Pen Table is shaded.

Force Pens

KIP Print allows you to edit pen widths and screening by pen number (with a range of Pen 0 to Pen 255.) This forces the settings in the KIP Pen Table to override the pen information originally embedded in the file. Most users will only need to Force Pens if the customer needs to make changes to an existing file.



Resolution

Allows the selection the dots-per-inch, or resolution, for their documents to be converted.

Border

This allows a border to be used in the file. A maximum border of five inches can be applied to each edge.

Calcomp setup

Only applied when submitting a Calcomp language file, this section contains additional parameter for Calcomp files.

Load / Save

Saves changes in a custom Pen Table or load a table to see or make changes. Save the table once the changes have been made. The current Pen Table name is displayed at the top of the Pen Table Setup Menu.

Line Width Compensation

Allows addition and subtraction of pixels from the overall width of all vector lines. Users have the choice of selecting negative values (to compensate for thick lines) to positive values (to compensate for thin lines)

Choosing -1.0 will remove 1 pixel from vector data lines.

Choosing 3.0 will add 3 pixels to vector data lines.

Choosing 0.0 makes no changes to the lines.

Vector Line Dither Pattern

Users have 2 choices of vector line dither patterns. This will alter the appearance of vector grayscale in different ways. Fine is the default setting. There is no 'correct' pattern to choose. Users can choose the setting they prefer.



Clip to Image Size

Crops the file data to the start of image data. Apply when the file designer has saved the entire drawing area as part of the file. If an error "File Too Large To Print," occurs, clipping to Image Size is often the solution.

Use Round End Capping

Forces end capping on lines in vector files to round ends.

Turn Merge On

This enables the user to merge lines of different shades. When not applied, the layers within the plot file determine how lines merge on each other.

Raster Photo Mode

When a raster image has been embedded within a plot file, Raster Photo Mode should be used. Raster Photo Mode can be applied to all drawings, whether they contain raster images or not.

Raster Density Level

This slide bar will modify the density level of the embedded raster image. The scale range is from 0-100. The higher the number on the scale, the darker the image will be. A density level can also be keyed into the text field.

Photo Dither Pattern (Raster)

Users have 3 choices of raster dither output patterns. There is no 'correct' setting. Set according to user preference.

Pen Tables

1. Pen widths and page sizing are usually included as a part of modern HPGL/2 plot files. If using legacy HPGL image data, please ensure that a pen table is created for the installation requirements.
2. Raster and Hybrid files are quite common. Please see the "Advanced" button under "Pen Table" for any customization required. The final result on the print may be your best guide when establishing desired settings.

Graphic Toolbar - Mirror



This function will MIRROR the image in a left-right position.

Original

Mirror



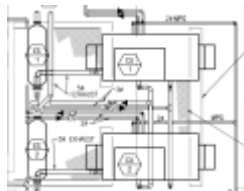
Graphic Toolbar - Invert



INVERT creates a negative image. Colors are inverted.

Original

Inverted

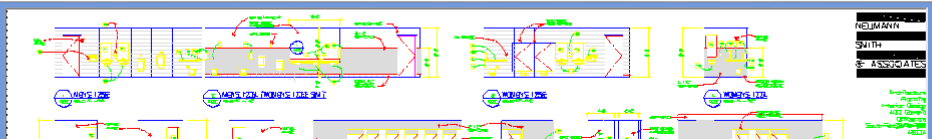




Graphic Toolbar - View Image



To view a specific file, first select the file from the list of selected files. Click on VIEW IMAGE to open a viewer with the selected files displayed.

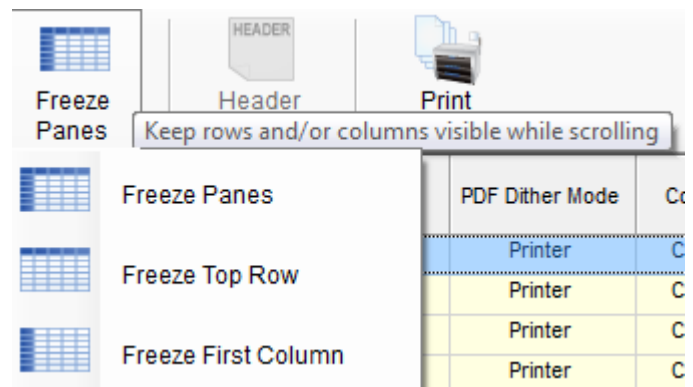
	Selected Files	Page Number	Original Image Size	Output Image Size	Enlarge / Reduce:	Pen Table	Stamp	Fold	Rotation	Color Option	PDF Dither Mo	
1	C:\images\711-Layout1.pt	1	35.61" x 22.95"	35.61" x 22.95"	100.0%	default	None	None	Automatic	Monochrome		
2	C:\images\98-0501-Layout1.dwf	1	36.00" x 24.00"	36.00" x 12.00"	Twofold, 4	default	None	None	Automatic	Monochrome		
3	C:\image		ScpView.Bmp, Image Size 30.63" x 22.25"									
4	C:\images											Printer
5	C:\images											Printer
6	C:\images											Printer
7	C:\images											Printer
8	C:\images											Printer
9	C:\images											Printer

Graphic Toolbar – Freeze Panes

This feature allows the freezing of specific panes in the Job build grid area.

There are three settings that can be applied:

1. Freeze Panes – Top row and left column
2. Freeze Panes – Top Row only
3. Freeze Panes – Left column only



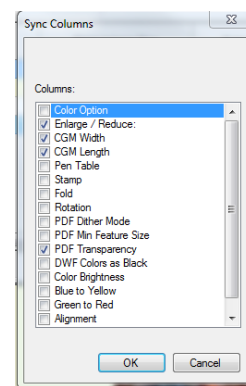


Graphics Toolbar - Sync

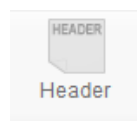
With the Sync button it is easy to make a change or multiple changes to one of the files in the job ticket being created and then sync those changes with the other files or only selected files. Simply make the necessary changes to the file and then select the number next to that file (in this example the first files is selected) the number will turn Green. Hold Shift to then select a block of files or Ctrl to select individual files.

KIP Print		KIP c7800					
Selected Files		Page Number	Color Option	Original Image Size	Enlarge / Reduce:	Output Image Size	CGM Width
1	C:\Images\Mixed Files\21x36 Graphic Spirits_Heinenken_Bottle.pdf	1	CAD - Line	21.05" x 36.00"	50.0%	10.52" x 18.00"	
2	C:\Images\Mixed Files\24x18 Graphic Chicken Legs.pdf	1	CAD - Line	18.00" x 24.00"	100.0%	18.00" x 24.00"	
3	C:\Images\Mixed Files\24x18 Graphic Propane Available.pdf	1	CAD - Line	24.00" x 18.00"	100.0%	24.00" x 18.00"	
4	C:\Images\Mixed Files\24x36 Graphic SamAdams Lager.pdf	1	CAD - Line	24.25" x 36.25"	100.0%	24.25" x 36.25"	

Select the Sync button and the following window will open. Select the desired columns to sync and click the OK button. The selected files and settings will be changed.



Graphic Toolbar - Header Label



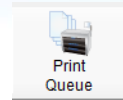
A HEADER can be placed on the top or bottom of each print. A header can be used for document identification. Information from the KIP Track settings (User Name and Job Number) is included as well as the file name, date and time of printing.

Example of a header:

ADMIN - 4000 - 2014 - M3.1-A0 SHEET.PLT - 8/26/2002 4:54:46 PM



Graphic Toolbar - Print Queue



PrintNet.

Selecting the PRINT QUEUE button will launch the default browser, and open KIP PrintNet. PrintNet will display the Print Queue and the jobs currently in the queue.

PrintNET English | Japanese | German | Other Languages...
 Queue / Status Back / Logout

Page Refresh Rate: 30 seconds

Toner Remaining

75%	25%	75%	25%
-----	-----	-----	-----

Printer Media Status

- Roll 1: 420mm Bond - 24# PREMIUM - 50%
- Roll 2: 420mm Bond - 24# PREMIUM - 50%
- Roll 3: Not installed
- Roll 4: Not installed
- Bypass Tray: Not installed

Print Order	Requester	Job Number	Description	# of Originates	# of Sets	Media Type	Mode	Source	Print State
1	T.Janisee		914mm Paper Required	003	1	BOND - 24# PREMIUM	Monochrome	KIP Print	Schedule



Job Building Grid

The print job build grid is a table view of image data to be printed and their current output settings.

For best results, select one file. Apply grid changes. Subsequently tagged files will have the changes automatically applied.

Job Build Grid Configuration

Add / Remove Job List Columns

Adding or removing job list columns that do not apply to the print production environment is possible by going to "Option" on the top menu and selecting Modify Columns. Uncheck items that are no longer needed.

Reorganizing Job List Columns

Job list columns may be re-organized based on the needs of the print production environment. Users may 'drag and drop' column headers to a new position by left-clicking on a column header and moving it to a new location. Releasing the left mouse button will drop the header into the desired position.

Job List Column Width

The job list column width is adjustable by moving the column divider to the right of the column. For instance, if a user wishes to enlarge the 'Page Number' column, they would left-click (select) the vertical divider between 'Page Number' and 'Color Option' and move the mouse cursor to the left or right depending on the width of the column desired. This width will be remembered the next time KIP Print is opened.



Job Build Grid Header Descriptions

Selected Files

Name and location of the selected file to be printed. Data within the cell is justified to the right to ensure the file name is always visible.

Page Number

Page number of the file. If a multipage file is selected, the page count of the file will be shown. It is possible to remove pages that are not to be printed or change the print order. Individual settings may be applied to each page of a multi-page file. Individual files are grouped by alternating colors. For instance 3 single page files will alternate their row colors while 3 multipage files will be grouped together and the group of sheets will alternate colors.

Color Option

Select color output options when printing to a KIP Color printer. Color options are determined by the Simple Print Modes configured within KIP PrintNET.

- Monochrome – print image using black (K) toner only
- CAD-Line – Settings best suited for CAD (line) only print images
- CAD-GIS – Settings best suited for CAD images that may have graphics or other GIS type images embedded
- Graphics-Line – Settings best suited for printing presentation or sign graphics; very little gradations or photographic image data present in the image data
- Graphics-Photo – Settings best suited for printing photographic images or images with heavy use of gradations
- Scan-to-File – Settings best suited for printing images that are captured using KIP scanners
- Custom – Select from 'Custom' settings configured by your administrator



Enlarge / Reduce

Select output size based on predetermined percentages, standard page size or forced output to a specific roll size width and length.

Percentage – Scales image data to specific percentage (100%, 25%, 150%, etc.)

Standard Page Size – Scales image data to specific calculated percentage based on an output page size. For instance A size original may be scaled to E size without know the specific percentage of scaling.

Force Roll Width and Length – Using the Enlarge / Reduce function screen, select the output roll width and cut length. Select from scale to file or percent enlargement / reduction.

Using *KIP Print* it is possible to scale images to a paper size that is not locked to a particular roll size.

For instance, if you have an architectural “D-Size” original that is 36 inches wide and 24 inches long and wanted to scale this to an engineering “A-Size” that is 12 inches wide and 9 inches long, you simply have to select the image and then choose **A Size** from the **Enlarge/Reduce** column in the selected files area.

Rotation

Control the output orientation of the printed sheet using “rotation”.

Select from the following settings:

- Automatic – Printer determines best output orientation based on roll size and image size
- 0 – do not rotate image on the sheet
- 90 – rotate one turn clock-wise
- 180 – rotate two turns clock-wise
- 270 – rotate three turns clock-wise

Note: If the rotation is set improperly, the image may be printed incorrectly on the output sheet



PDF Dither Mode

Output of monochrome, PDF image data can be altered based on the original image type

Select from the following settings:

- Standard – use default dither pattern that is shipped with the KIP Printer
- Printer – use PDF dither patterns that have been configured within KIP PrintNET
- Line – dither pattern that is designed for image data consisting of lines
- Mix (Line) – dither pattern that is designed for image data consisting of grayscale / photos / lines with an emphasis on lines
- Mix (Photo) – dither pattern that is designed for image data consisting of grayscales / photos / lines with an emphasis on grayscale / photos
- Tempered –
- Stochastic –
- Double-Dot – dither pattern that is designed for weak image entities such as lines
- All Black – removes all dither patterns and converts all “color” to black

Note: Settings are only applicable on KIP monochrome systems.

PDF Min Feature Size

Controls the size of printed entities or features. All aspects of small features will be adjusted with this setting. Settings range from “off” to 3 with 3 enlarging all small entities.

PDF Transparency

Transparency in PDF files refers to objects on a page, such as images or text, which are transparent or ‘show through’. Transparency is typically used for shadow effects, to lighten (parts of) images so that the text on top remains readable, to make objects fade into another object or to create a tint of a certain color. Settings enable this or disable this function.

Note: Transparencies can cause significant print performance issues.

DWF Pen Color

Set all pens within a DWF file to print as black.

Color Brightness

Adjust brightness of the printed output on color printers.

Blue to Yellow

Adjust color tone from blue to yellow

Green to Red

Adjust color tone Green to Red

Alignment

Sets the alignment of the image on the page

Original Image Size

Notes the page size in the file

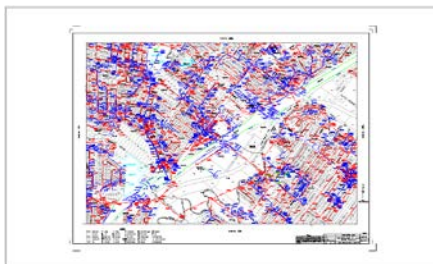
Output Image Size

Notes the anticipated print size

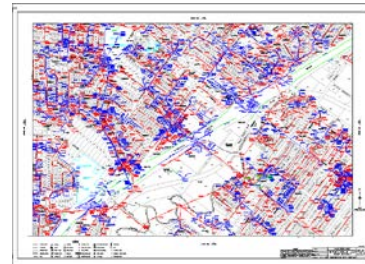
Remove White Borders

Allows for the ability to crop image data to image bounds.

Remove white Borders - Off



Remove white Borders - On





CGM (OPTION)

CGM is an option that can be purchased (contact your KIP Sales Representative) and then added to the KIP IPS to allow for the printing of CGM files. Once a license is obtained and added to the KIP IPS (see CGM Manual for instructions) The CGM columns can be turned on in the KIP PRINT software by going to Options and then Modify Columns. Check the boxes next to "CGM Width" and "CGM Length" and select OK.

The Following columns will appear and allow for the printing of CGM files. The Selection of Auto is default for both columns however specific sizes may also be set through the dropdown arrows. Please note the CGM format is not viewable in the KIP Print viewer but will still print when sent to the KIP Printer.

KIP Print							KIP c7800																						
New Job		Add Files		Recall Job		Enlarge Reduce		Stamp		Color Options		2-Up		Fold		Pen Table		Mirror		Invert		View Image		Freeze Panes		Sync Columns		Header	
	Selected Files	Page Number	Color Option	Original Image Size	Enlarge / Reduce:	Output Image Size	CGM Width	CGM Length																					
1	C:\Users\TJanisse\Desktop\SAMPLE_CGM\1ss-srw.cgm	1	CAD - Line		100.0%		Auto	Auto																					
2	rs\TJanisse\Desktop\SAMPLE_CGM\vehicle_11073019_sh1.cgm	1	CAD - Line		100.0%		Auto	Auto																					

Notes:

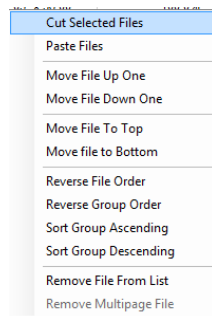
- KIP software (on the KIP Printer) must be version 7.4.593 or higher.
- KIP Print must be version 7.4.436 or higher.
- The CGM license is based off of the MAC and the IP address of the PC. These values will be necessary, to obtain the CGM license. To retrieve this please do the following on the KIP Controller:
 1. Close the User Interface on the KIP
 2. go to CMD prompt and type in "ipconfig/all"
 3. the "physical address" for the active LAN card is the MAC address and the IPS address will also be noted

Job Grid – Right Click Menu

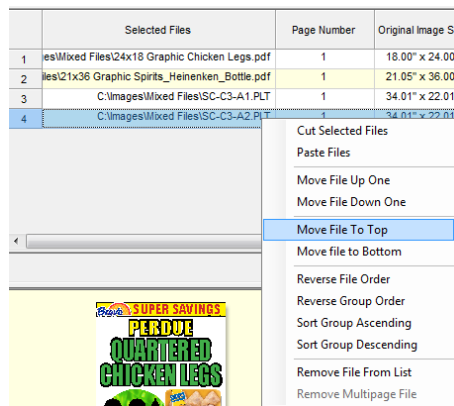
File Print Order

File print order, and removal can be performed in the JOB list Area. After files have been selected “right click” in the Job List area.

A menu will appear.



To perform some of the functions in the menu, a file(s) will need to be selected,



	Selected Files
1	C:\Images\Mixed Files\ISC-C3-A2.PLT
2	es\Mixed Files\24x18 Graphic Chicken Legs.pdf
3	es\21x36 Graphic Spirits_Heinenken_Bottle.pdf
4	C:\Images\Mixed Files\ISC-C3-A1.PLT

a. Cut Selected Files

This is a tool to remove the selected files.

b. Paste Files

This function is used to ‘Add’ new files between files in the selected files area.

c. Move File Up One

Select a file to move up one in the selected files area.

d. Move File Down One

Select a file to move down one in the selected files area.

e. Move File to Top

Select a file to move up to the top in the selected files area.

f. Move File to Bottom

Select a file to move down to the bottom in the selected files area.



g. Reverse File Order

This tool reverses the entire job list in the selected files area.

h. Remove File from List

This tool is used to 'Delete' files from the selected files area list.

Sort

Sorting of the selected files can be performed in the JOB Grid. After files have been selected "right click" on the Job Grid area. A menu will appear with the following options:

- Sort Ascending
- Sort Descending

Select the column to be sorted and "right click", choose Ascending or Descending.

Before:

	Selected Files	Page Number	Original Image Size	Δ	Output Image Size	Enlarge / Reduce	PDF Transpare
1	C:\images\711-Layout1.plt	1	35.61" x 22.95"		35.61" x 22.95"		
2	C:\images\acad03.plt	1	33.00" x 21.00"		33.00" x 21.00"		
3	C:\images\SC-C3-A1.PLT	1	34.01" x 22.01"		34.01" x 22.01"		
4	C:\images\SC-C3-A2.PLT	1	34.01" x 22.01"		34.01" x 22.01"		
5	C:\images\02UTIL.plt	1	36.10" x 23.50"		36.10" x 23.50"		
6	C:\images\711-Layout1.PDF	1	35.61" x 22.95"		35.61" x 22.95"		
7	C:\images\Lincoln - Copy.pdf	1	6.82" x 10.24"		6.82" x 10.24"	100.0%	Printer
8	C:\images\M2.pdf	1	36.00" x 24.00"		36.00" x 24.00"	100.0%	Printer
9	C:\images\New_York_City.pdf	1	10.24" x 6.82"		10.24" x 6.82"	100.0%	Printer

After

	Selected Files	Page Number	Original Image Size	Δ	Output Image Size	Enlarge / Reduce	PDF Transpare
1	C:\images\Lincoln - Copy.pdf	1	6.82" x 10.24"		6.82" x 10.24"		
2	C:\images\New_York_City.pdf	1	10.24" x 6.82"		10.24" x 6.82"		
3	C:\images\acad03.plt	1	33.00" x 21.00"		33.00" x 21.00"		
4	C:\images\SC-C3-A1.PLT	1	34.01" x 22.01"		34.01" x 22.01"		
5	C:\images\SC-C3-A2.PLT	1	34.01" x 22.01"		34.01" x 22.01"		
6	C:\images\711-Layout1.PDF	1	35.61" x 22.95"		35.61" x 22.95"		
7	C:\images\711-Layout1.plt	1	35.61" x 22.95"		35.61" x 22.95"		
8	C:\images\02UTIL.plt	1	36.10" x 23.50"		36.10" x 23.50"		
9	C:\images\M2.pdf	1	36.00" x 24.00"		36.00" x 24.00"		

Note the arrow in the right hand corner of the column indicating ascending or descending.



Sync

Sync allows the operator to apply settings of one file to any/all of the other files. Syncing the columns can be performed in the JOB Grid. After files have been selected make changes to one of the selected files such as an Enlarge\Reduce setting.

In order to use the sync function a setting in one of the selected files needs to be changed for example, changing the Enlarge\Reduce size to a specific size such as 36x24 Fit.

1. Left click on the Number of the file in the left column (shown below); this will turn the number green.
- 2a. Select the file or files that will be changed by either holding the "Ctrl" button on the keyboard and picking specific files.
- 2b. Or selecting a file and then holding the "Shift" button and then picking another file. This will highlight all files in between the two selected files.

2a. Specific Files

	Selected Files	Page N
1	C:\Images\Lincoln - Copy.pdf	1
2	C:\Images\New_York_City.pdf	1
3	C:\Images\acad03.plt	1
4	C:\Images\SC-C3-A1.PLT	1
5	C:\Images\SC-C3-A2.PLT	1
6	C:\Images\711-Layout1.PDF	1
7	C:\Images\711-Layout1.plt	1
8	C:\Images\02UTIL.plt	1
9	C:\Images\M2.pdf	1

2b. Block of Files

	Selected Files	Page N
1	C:\Images\Lincoln - Copy.pdf	1
2	C:\Images\New_York_City.pdf	1
3	C:\Images\acad03.plt	1
4	C:\Images\SC-C3-A1.PLT	1
5	C:\Images\SC-C3-A2.PLT	1
6	C:\Images\711-Layout1.PDF	1
7	C:\Images\711-Layout1.plt	1
8	C:\Images\02UTIL.plt	1
9	C:\Images\M2.pdf	1

3. "right click" on the top column in the Job Grid area. A menu will appear with the following options:

- a. Sync This Column – This will sync all selected files with the settings in this column.
- b. Sync All Columns – This will sync all selected files with the same data in all columns.
- c. Sync Selected Columns – This will allow the selection of what columns to sync. A menu will appear allowing the selecting or unselecting of specific columns.

	Selected Files	Page Number	Original Image Size	Output Image Size	Δ	Enlarge / Reduce:	PDF Transparency
1	C:\images\Lincoln - Copy.pdf	1	6.82" x 10.24"	36.00" x 24.00"		Arch D - 36x24 - Fit	Printer
2	C:\images\New_York_City.pdf	1	10.24" x 6.82"	10.24" x 6.82"		100.0%	Printer
3	C:\images\acad03.plt	1	33.00" x 21.00"	33.00" x 21.00"		100.0%	
4	C:\images\SC-C3-A1.PLT	1	34.01" x 22.01"	36.00" x 24.00"		Arch D - 36x24 - Fit	
5	C:\images\SC-C3-A2.PLT	1	34.01" x 22.01"	34.01" x 22.01"		100.0%	
6	C:\images\711-Layout1.PDF	1	35.61" x 22.95"	36.00" x 24.00"		Arch D - 36x24 - Fit	Printer
7	C:\images\711-Layout1.plt	1	35.61" x 22.95"	36.00" x 24.00"		Arch D - 36x24 - Fit	
8	C:\images\02UTIL.plt	1	36.10" x 23.50"	36.10" x 23.50"		100.0%	
9	C:\images\M2.pdf	1	36.00" x 24.00"	36.00" x 24.00"		Arch D - 36x24 - Fit	Printer

Note: There is also a Button located on the main Ribbon bar for Sync Selected Columns and functions in the same manner as above.



Features – File Viewer

Rotation gives the user the ability to quickly view a selection of files and then rotate the desired files to match the rest of the set.

Right Click on the desired image to rotate it clockwise.

Before Right

Click: Normal

After Right Click: Rotated 90 degrees





Features - Key Job Settings

User Name:	<input type="text" value="TJanisse"/>
Job Number:	<input type="text"/>
Description:	<input type="text"/>
Requested Time:	<input type="text" value="15:18"/>
Date:	<input type="text" value="9/20/2011"/>
Media Type:	<input type="text" value="Bond"/>
# of Copies:	<input type="text" value="1"/> <input checked="" type="checkbox"/> Collate <input type="checkbox"/> CutSheet

User Name

This field can be used for KIP Track. Information entered is applied to the KIP Job and Print Logs. This information will also be printed in the KIP Header if applied. The label of the field, "User Name" can be customized (i.e. "Operator" or "User") by using the KIP KIP Track Mod tool.

Job Number

This field can be used for KIP Track. Information entered is applied to the KIP Job and Print Logs. This information will also be printed in the KIP Header if applied. The label of the field, "Job Number" can also be customized (i.e. "Department Number" or "Job Name") by using the KIP KIP Track Mod tool.

Description

This field can be used for KIP Track. Information entered is applied to the KIP Job and Print Logs. The label of the field, "Description" can also be customized (i.e. "Sales" or "New Construction") by using the KIP KIP Track Mod tool.



Requested Time/Date

Users can select a job be printed at a certain time for scheduling of printing. This feature needs to be turned on in the KIP Print.ini file. Set the entry IgnorreTime= to False, this will tell the software not to ignore the time associated with the job ticket and schedule the job to print at the specified time.

Media Type

This field allows the selection of the type of media the job is to be printed on. Types include bond, vellum, and film (Mylar). Applying the "On Hold" media type will place the job in the queue but will not print until a valid media type is applied by the queue Manager.

of Copies

This field chooses the total number copies from 1 to 999.

Collate

This field allows collated or un-collated prints.

111, 222, 333... or 123, 123, 123...

Cut Sheet

When activated in the IPSPrint.ini file this feature allows the user to print directly to the cut sheet bypass. Only one sheet at a time may be printed and a force size setting MUST be selected in order to print.



Text Toolbar

Text Toolbar - File

Submit Job

This feature submits the current Job to the printer. Pressing the SUBMIT JOB button has the same result.

Exit

This feature exits KIP Print.

Text Toolbar - View

Refresh

This feature updates the directory and file information in the main screen.

Quick-view Highlighted Image

This feature opens a fast, 1-bit view of the selected image.

View Highlighted Image

This feature opens B&W images in a viewer with more advanced features, including a renaming feature.

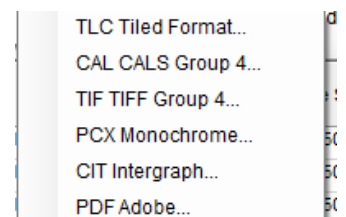
View All Image

This feature opens B&W images in a viewer with more advanced features, including a renaming feature.

Convert Tagged To

This feature allows the user to select files from various file locations and then select the Convert Tagged To option and convert their existing format to another format. Available formats:

Note: Multipage files will be converted into single page files of the chosen format.





Text Toolbar - Sort

See "Features – Job Build Grid – Right Click Menu"

Text Toolbar - Option

Save Current Job

This feature allows the user to save the job file list and the applied settings. File paths are stored, but files are not stored or copied.

Recall Saved Job

This feature allows the user to recall a Saved Job

Recall Recent Job

This feature allows the user to recall up to the last 15 jobs that have been submitted.

Recall History Jobs

If Job History has been enabled at the KIP, this feature allows the user to restore a previously-printed job. The job can be changed and resubmitted again.

Create a Compressed Job

This feature saves all the job files and settings into a single, zipped job. Typically, this is used to easily move a job to another KIP Print installation.

Load a Compressed Job

This feature loads and restores a previously Compressed Job.

Modify Pens

Please see "Features – Graphic Toolbar – Pen Table"



Create Password

Please see "Installation – Benefits of a Master Password"

Prompt Setup

When a field is required, the user must enter data before the job will be submitted. Otherwise, they will be prompted.

When pull-down prompts are checked, the user must choose from an established list of field entries. Normally, users cannot add a pull down entry without knowing the KIPPrint Master Password. Each pull down entry can also be password protected, so only the specific users can select specific entries.

There are additional prompts to default Folding and Stamping features when the program opens.

Allow Copies per File

This feature allows the user to select more than one instance of a single file during the ADD FILES procedure.

Sort Added Files Numerically

This feature sorts files numerically, versus alpha-numerically.

Display Preview Window

This feature toggles the graphic preview window.



Text Toolbar - Manage

View the Print Queue

This feature allows the user to view the selected printer's print queue.

Manage the Print Queue (Password Required)

This feature allows the user to view and manipulate the selected printer's print queue, if the password has been satisfied.

Push File to KIP (Password Required)

This feature allows an administrator to transfer any file to the KIP, if the password has been satisfied. It is most likely used to update programs on the KIP.

Print Reports

This feature allows the user to print reports generated from information from the KIP.



Text Toolbar - Transfer

Transfer Mailbox

This feature allows the user to transfer the contents of a mailbox to another location.

1. Select the Mailbox
2. Select a destination folder.
3. Click OK.
4. After files have been transferred, the user has the option to delete the contents of the Mailbox

Empty Mailbox

This feature deletes the files within a Mailbox

1. To delete the contents of a Mailbox, select it.
2. Confirm file deletion. The mailbox will remain, but ALL FILES WILL BE PERMANENTLY REMOVED.

Upload Settings to Printer

This feature transfers local Pen tables, Stamps, KIP Track information, and Force Size settings. Once uploaded, an KIP GUI administrator can “pull” these settings into the GUI, if desired.

Get Problem Files

The KIP Print Queue stores a copy of jobs that it was not able to print. This feature transfers the job to a local temporary directory. To access them:

1. Go to START, RUN
2. Type %Temp% at the prompt, and click OK.
3. When the Temp folder opens, browse to TR\PROBLEM.



4. Any Problem Jobs will be zipped within this folder.

Text Toolbar - Printers

A list of pre-configured KIP printers will normally display in the Printers menu.

Find Printers

Please See "KIP Print Installation – Connection to KIP Printers"



Printer Status

Roll information, meter status, and printer status is displayed at the bottom of the KIP Print menu. The appearance will differ based on the printer model.

Roll 1: 36.0" Gloss - KIP 20# GLOSS - 25%	Roll 2: 34.0" Bond - 24# PREMIUM - 50%	Roll 3: Not Installed	Roll 4: 36.0" Film - 3M CLEAR - 50%	Roll 5: Not Installed
Meter A: 145,044 Linear Feet		Meter B: 425,979 Sq. Feet	Total: 217,110 Linear Feet	



Creating Productivity Reports

The KIP Productivity Reporting Package (PRP) is designed to use information gathered from KIP Track fields in KIP Print along with various applications that have been linked to KIP Print such as:

- KIP Print
- AutoCAD
- KIP Software
- KIP PrintNet

By sharing KIP Track data generated from KIP Print, users have the ability to link multiple applications using the same KIP Track rules. This system allows managers to generate reports that have valuable KIP Track information and can be manipulated by the user to get the desired output including the following:

- KIP productivity reporting package generates reports of meter readings and KIP Track data on a daily, weekly or monthly time cycle.
- Reports include detailed authorization, KIP Track and meter information.
- PRP reports can be opened with Notepad or exported as an ASCII file format.

There are three main KIP Track fields in the KIP Print software:

1. **User** - This is a field which can be used for KIP Track. Information entered is applied to the KIP Job and Print Logs.
2. **Job Number** - This is a field which can be used for KIP Track. Information entered is applied to the KIP Job and Print Logs. This field is tied to **ALL** Reports!
3. **Description** - This is a field which can be used for KIP Track. Information entered is applied to the KIP Job and Print Logs.

Requester:	<input type="text"/>
Job Number:	<input type="text"/>
Description:	<input type="text"/>

When these fields are set up correctly and have been configured as “required” in the KIP Print software, the “rules” will carry over to the other applications.

KIP Print



AutoCAD

Plot Identification

Requester: PLEASE ENTER

Job Number: PLEASE ENTER

Description: PLEASE ENTER

Stamp:

KIP User Log on Screen

UserName	Job-Number	Description
Required	Required	Required

KIP PrintNET

KIP Track fields entered into the KIP Print software installed on the Web server host pc being utilized by KIP PrintNet will also be transferred to users accessing PrintNet via the intranet or internet.

Generating Reports in KIP Print

Productivity reports can be generated from KIP Print and can be very helpful in keeping track of KIP Track data. These can be generated on a daily, weekly, monthly or custom time frame.

The Productivity reports can be accessed by doing the following:

1. On the KIP Print main screen select "Manage" from the menu bar and then select "Print Reports"
2. The following window will appear. This is where the currently selected printer information will be displayed. There are three different types of reports that can be generated from this screen:
 - a. Printing
 - b. Scanning
 - c. Meter Reading

Production Report

Printer Info:

Printer Serial Number
Printer Name: C7800
Dealer Name
Service#
Host Name or IP Address: 10.10.1.174~C7800
Options: Online, Postscript, Network Printer, Scan to File

Type

Printing Scanning Meter A

Start Date: 9/18/2011 End Date: 10/18/2011

Output

Send To Printer Send To Notepad
 File

Courier New 12 Points

Reports - Printing

KIP Print



This report will include both prints and copies that have been sent to the KIP print engine. The report will include Date, Time, User, Media, # of originals, # of Copies and Sq. Feet. The information for User name and Job Number shown below are gathered from all KIP printing applications. The user can select the Start Date and the End Date of the report along with where to print the report. The report can be sent directly to the default printer attached to the PC generating the report or to the Notepad to be saved to a file.

Date	Time	Requester	Media	# Orig	# Copies	Sq. Ft.
10/05/2005	16:24:48		Bond	1	2	12.0
10/05/2005	17:24:46	BOB	Bond	1	1	5.9
10/05/2005	18:40:47		Bond	1	1	5.9
10/05/2005	18:42:04		Bond	1	1	6.0
10/06/2005	15:08:03	Bill	Bond	1	1	46.1
10/06/2005	15:09:39		Bond	1	1	0.0
10/06/2005	15:52:02		Bond	1	1	5.6
10/07/2005	10:35:38	John	Bond	1	1	6.0
10/07/2005	11:18:50	Smith	Bond	1	1	5.9
10/07/2005	11:19:23	Johnson	Bond	1	1	5.9
10/07/2005	11:19:37	Frank	Bond	1	1	5.9
Total:			Bond			214.5
Grand Total:		0025 - Jobs	All			214.5



Reports - Scanning

This report will include all files that have been scanned to file using the Scan Mode of the UI. The report will include Date, Time, User, Location, Type, Format and Sq. Feet. The information for User shown below is gathered from all KIP printing applications. The user can select the Start Date and the End Date of the report along with what to do with this data. The report can be sent directly to the default printer attached to the PC generating the report or to the Notepad to be saved to a file.

Report - Notepad						
File Edit Format View Help						
Report Type:		Scan Report				
Job #:		JOB 2005-001				
Starting Date:		10/01/2005				
Ending Date:		10/31/2005				
Machine Serial #:		K105-00010				
Machine Name:		3000				
Host Name:		KIP3000				
Dealer Name:		SALES & SERVICE				
Dealer Phone:		(987) 654-3210				
Date	Time	Requester	Location	Type	Format	Sq. Feet
10/05/2005	14:36:27	Smith	Project1	FTP	PDF	6.1
10/05/2005	14:38:08		Project1	RESCANFTP	TIF	6.1
10/05/2005	14:38:45		Project1	FTP	CAL	6.1
10/05/2005	14:40:29	Bob	Project1	RESCANFTP	CAL	6.1
10/05/2005	14:43:20		!Default	SCAN	PDF	6.1
10/05/2005	14:45:07		!Default	SCAN	TIF	6.1
10/05/2005	14:45:54		!Default	SCAN	TIF	6.1
10/05/2005	14:46:59	Bill	Bill	SCAN	CAL	6.1
10/05/2005	14:47:35		!default	SCAN	CAL	6.1
10/05/2005	14:48:12	Bill	Bill	SCAN	CAL	6.0
10/05/2005	14:49:20		!Default	SCAN	CAL	6.0
10/05/2005	14:52:40		!Default	SCAN	TLC	6.1
10/05/2005	14:54:02		!Default	SCAN	TIF	6.1
10/05/2005	14:54:32		job 2005-001	SCAN	TIF	6.0
10/05/2005	14:55:10	User	Job 314	SCAN	TIF	6.1
10/05/2005	14:55:45	User	Job 314	SCAN	TLC	6.1
10/05/2005	14:56:08	User	Job 314	SCAN	TLC	8.8
10/05/2005	14:56:31	User	Job 314	RESCAN	TLC	6.1
10/05/2005	14:57:23		job 2005-001	SCAN	TIF	6.1
10/05/2005	14:58:16		job 2005-001	SCAN	TIF	6.2
10/05/2005	14:58:44		job 2005-001	SCAN	TIF	6.1
10/07/2005	09:54:22	Frank	Project001	FTP	TIF	6.3
Grand Total:		0026 - Jobs	All			161.6



Reports - Meter Reading

This report will include daily Meter readings from the desired dates set in the Start Date and End Date. The report will include Date, Meter A, Meter B and Total run. This meter reading should closely match the actual meter reading on the KIP printer. The user can select the Start Date and the End Date of the report along with what to do with this data. The report can be sent directly to the default printer attached to the PC generating the report or to the Notepad to be saved to a file.

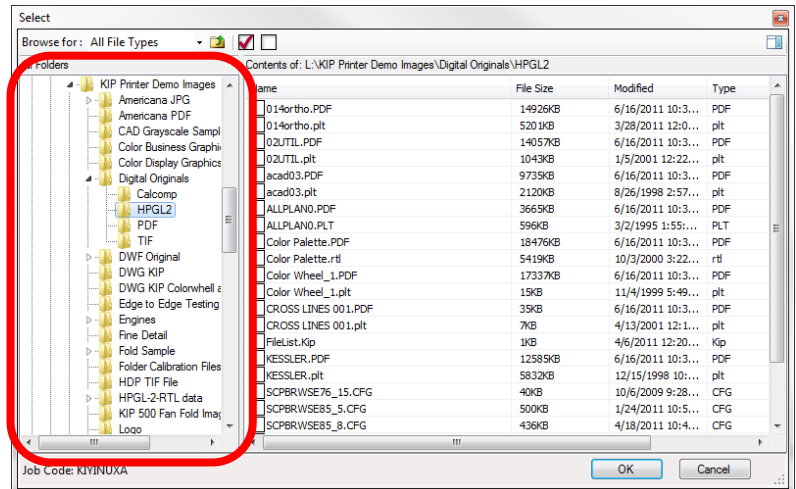
Date	Meter A	Meter B	Total Run
10/1/2005	14,820 Square Feet		1,606
10/2/2005	14,851 Square Feet		1,609
10/3/2005	15,342 Square Feet		1,660
10/4/2005	15,790 Square Feet		1,714
10/5/2005	15,981 Square Feet		1,734
10/6/2005	17,136 Square Feet		1,865
10/7/2005	17,266 Square Feet		1,878
Total Meters:	2,731 Square Feet		303



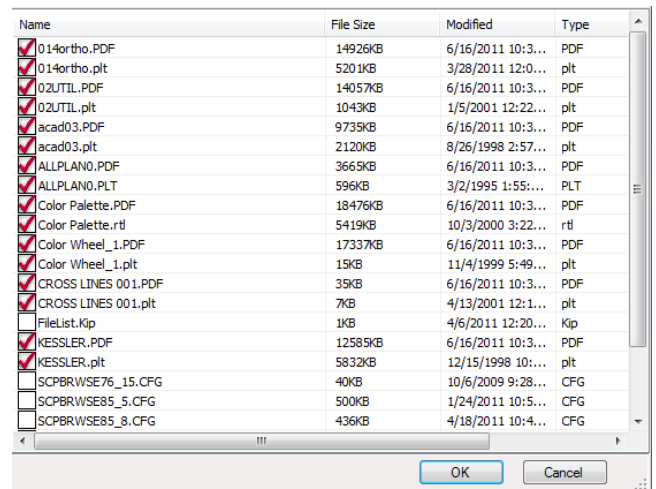
A Sample Job

Creating a simple print job is quick and efficient using *KIP Print*. Users only need to ensure *KIP Print* is configured, then simply select images for printing.

1. Launch *KIP Print* from your Desktop or the Start Menu folder
2. Click the ADD FILES button to open the file browser.
3. Browse to the files you wish to print. Files may be located on your local PC or on a network location.



4. Available files will appear in the right pane. Click on the file(s) to be added to the job. Selected images will be shown with a red "check mark" in the box beside the file.



5. Click OK when finished.



KIP Print



- The files selected will now also be shown in the Job Build Grid noting any zoom, pen, stamp, color options and fold settings to be applied.

	Selected Files	Page Number	Color Option	Enlarge / Reduce	Pen Table	Stamp	Fold	Rotation	PDF Dither Mode	PDF Min Feature Size	PDF Transparency	DWF Colors as Black	Color Brightness
1	L:\KIP Printer Demo Images\Digital Originals\HPGL2\014ortho.RDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
2	L:\KIP Printer Demo Images\Digital Originals\HPGL2\014ortho.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
3	L:\KIP Printer Demo Images\Digital Originals\HPGL2\02\UTL.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
4	L:\KIP Printer Demo Images\Digital Originals\HPGL2\02\UTL.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
5	L:\KIP Printer Demo Images\Digital Originals\HPGL2\acad03.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
6	L:\KIP Printer Demo Images\Digital Originals\HPGL2\acad03.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
7	L:\KIP Printer Demo Images\Digital Originals\HPGL2\ALLPLAND.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
8	L:\KIP Printer Demo Images\Digital Originals\HPGL2\ALLPLAND.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
9	L:\KIP Printer Demo Images\Digital Originals\HPGL2\Color Palette.RDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
10	L:\KIP Printer Demo Images\Digital Originals\HPGL2\Color Palette.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
11	L:\KIP Printer Demo Images\Digital Originals\HPGL2\Color Wheel_1.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
12	L:\KIP Printer Demo Images\Digital Originals\HPGL2\Color Wheel_1.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
13	L:\KIP Printer Demo Images\Digital Originals\HPGL2\CROSS LINES 001.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
14	L:\KIP Printer Demo Images\Digital Originals\HPGL2\CROSS LINES 001.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
15	L:\KIP Printer Demo Images\Digital Originals\HPGL2\KRESSLER.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
16	L:\KIP Printer Demo Images\Digital Originals\HPGL2\KRESSLER.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
17	Pages\Digital Originals\HPGL2\Withome-Plan and Details-ARCH D Plot.PDF	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0
18	Pages\Digital Originals\HPGL2\Withome-Plan and Details-ARCH D Plot.plt	1	CAD - GIS	100.0%	default	None	None	Automatic	Printer	Printer	Printer		0

- Complete any Key Job Settings that may be required such as User Account Control, media type, collation and number of copies / sets.

Requester:

Distribution:

Description:

Requested Time:

Date:

Media Type:

of Copies: Collate CutSheet

- Press the Submit Print Job button.



- The files selected will be printed.



Supported Monochrome File Formats

- HPGL / HPGL2 / HP-RTL Formats PLT, HPG, GL2, 000, RTL, 906, 907, etc
- Autodesk DWF, DWX
- Adobe PDF*
- Postscript PS, EPS*
- TIFF Group 4 TIF
- CALS Group 4 CAL
- PCX Monochrome PCX
- Intergraph CIT
- Jpeg JPG
- Government Group 4 C4
- ASCII Formats
- KIP Format TLC
- Computer Graphics Metafile CGM*

* Requires an Option Key Code / Software for Printing – Subject to change without notice

KIP Print relies on the header information within the digital file. *KIP Print* will read the header data of the image and automatically determine if the file is valid for printing. Non-print-ready file types such as drawing files from AutoCAD (.dwg) and Microstation (.dgn) as well as Microsoft Office (.doc, .docx, .xls, .xlsx, etc.) cannot be printed without the native application. These files must be printed using the KIP Windows printer driver.



Supported Color File Formats

- PDF*
- TIFF
- Postscript (PS/EPS)*
- HPGL/2
- HP-RTL
- JPEG
- JPEG2000
- PNG
- BMP
- GIF
- PCX
- TGA
- Autodesk DWF

* Requires an Option Key Code / Software for Printing – Subject to change without notice.

NOTE:

KIP Print automatically recognizes printable monochrome image files and does not permit 'color mode' printing of these black and white images. If a color image is desire to be printed in monochrome this is set as selected by the user noted in the "Color Options' for that image.



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