



SYSTEM **SOFTWARE** **K**

KIP PrintPro.NET User Guide



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1 Introduction

KIP PrintPro.NET provides KIP color and B&W systems with the most feature rich browser based job submission and system management application on the market.

Print Job Submission - Operators can perform job submission, access their KIP Printer mailbox and manage their own print jobs using many of the same features as Windows based Print Pro but without the need to install any application software. Using only a web browser, operators can configure single and multipage files with individual scaling preferences, stamps, folding presets, color management controls and print stacking location. Start new print jobs quickly by accessing User Templates that include operator preferences, job settings and the most common System Presets. PrintPro.NET supports building print jobs using color and B&W technical documents from standard wide format digital files including Postscript, PDF, TIFF, JPG, Calcomp, and HPGL 1/2/RTL (and more).

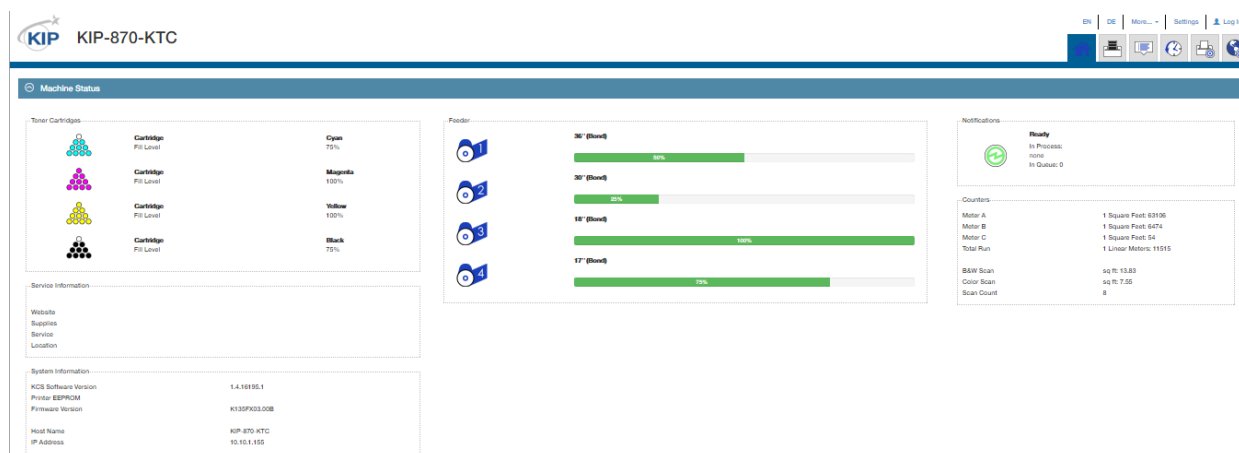
KIP System Management - Based on defined user access, administrators can use virtually any web browser to see a full overview of the system operation and have full control of the print queue. Administrators have complete access to printer preferences, network connectivity settings, System Presets, daily sleep timers, history queue size, exit tray defaults and auto rotation settings.

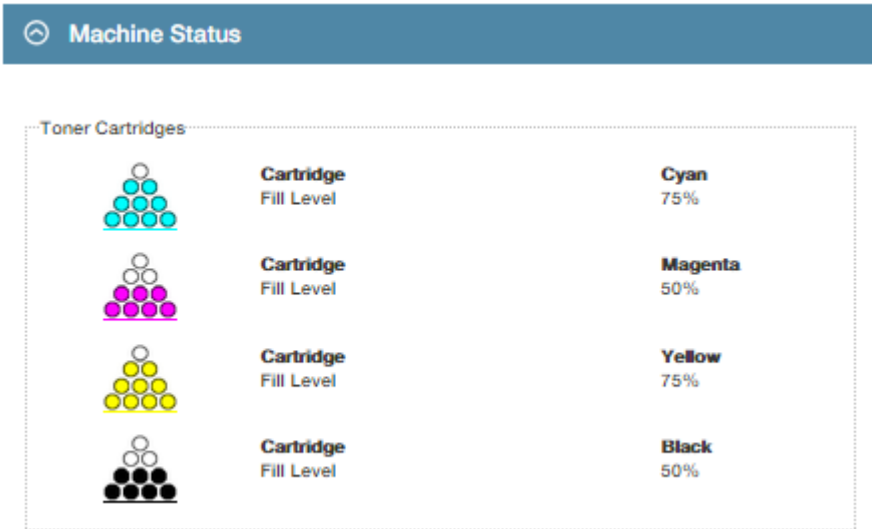
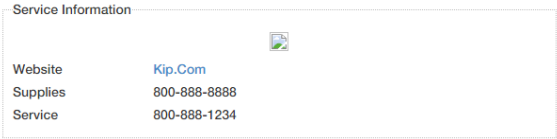
KIP PrintPro.NET Key Features

Identical Features Across a Variety of Web Browsers | Multiple Copies or Collated Sets | WYSIWYG Image Preview | Individual File Settings for Job Matrix Templates | Multi-page Settings | Color Adjustments and Filter Selections | Email Notification Document Folding and Stamping | HPGL Pen Preset Selection | Transfer Files from KIP Printer Mailbox | Customize System and Folder Presets | Manage Print Queue and User Settings | KIP Secure Print | KIP Accounting Center Integration | KIP Cost Center Integration

2 Home Screen (Machine Status/System Information/Software and Drivers)

2.1 Machine Status and Software and Drivers



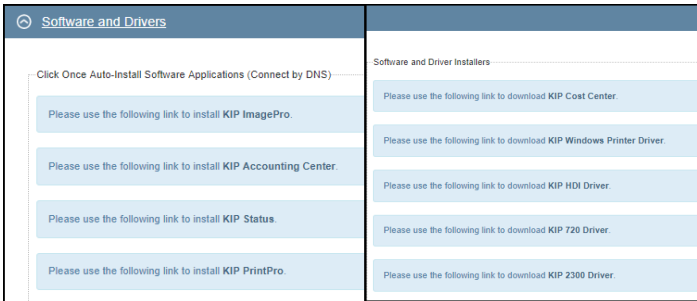
Component	Function
1. Toner Status	Black and White Printer  Color Printer  Displays the Current Toner level in the printer in 25% increments.
2. Service Information	 When Dealer information is added, this window will display what was configured.

Component	Function										
3. System Information	System Information <table> <tr> <td>KCS Software Version</td> <td>1.4.16195.1</td> </tr> <tr> <td>Printer EEPROM</td> <td></td> </tr> <tr> <td>Firmware Version</td> <td>K135FX03.00B</td> </tr> <tr> <td>Host Name</td> <td>KIP-870-KTC</td> </tr> <tr> <td>IP Address</td> <td>10.10.1.155</td> </tr> </table> Displays the following Information: • KCS Software version – Current Software Version will be displayed. • Printer EPROM Version - Current Printer EPROM Version will be displayed. • Firmware Version - Current Firmware Version will be displayed. • Host Name – Displays Printer Name. • IP Address – Displays Printer IP Address.	KCS Software Version	1.4.16195.1	Printer EEPROM		Firmware Version	K135FX03.00B	Host Name	KIP-870-KTC	IP Address	10.10.1.155
KCS Software Version	1.4.16195.1										
Printer EEPROM											
Firmware Version	K135FX03.00B										
Host Name	KIP-870-KTC										
IP Address	10.10.1.155										
4. Feeder	Feeder <table> <tr> <td>18" (Bond)</td> <td>75%</td> </tr> <tr> <td>24" (Bond)</td> <td>100%</td> </tr> <tr> <td>30" (Bond)</td> <td>50%</td> </tr> <tr> <td>36" (Bond)</td> <td>25%</td> </tr> <tr> <td>ANSI B landscape (Bond)</td> <td>Error: Empty</td> </tr> </table> Displays the current roll information in the KIP Printer in 25% increments. (note: Number of rolls displayed dependent on printer)	18" (Bond)	75%	24" (Bond)	100%	30" (Bond)	50%	36" (Bond)	25%	ANSI B landscape (Bond)	Error: Empty
18" (Bond)	75%										
24" (Bond)	100%										
30" (Bond)	50%										
36" (Bond)	25%										
ANSI B landscape (Bond)	Error: Empty										

Component	Function
5. Notifications	Notifications  Warming Up In Process: Job ID 18 In Queue: 1 Notifications  Printing In Process: Job ID 18 In Queue: 1 Notifications  Ready In Process: none In Queue: 0

Notifications in real time. The above show the printer waking from Sleep, Printing and then returning to a ready state.

2.2 Software and Drivers

Component	Function
1. Software and Drivers	 From this location is is possible to download the KIP Software including: Click Once (DNS) – Auto—install/Auto-Update • KIP ImagePro – Click Once Auto Install • KIP Accounting Center – Click Once Auto Install • KIP Status – Click Once Auto Install • KIP PrintPro – Click Once Auto Install Note: When not connecting by DNS, Download MSI Installer versions of these software applications by visitng KIP.com ir acces from the Software and Operations Guide disk (SOG). Installers • KIP Cost Center – Zipped Installer, Manual Install • KIP Windows Driver – Zipped Installer, Manual Install • KIP HDI Driver – Zipped Installer, Manual Install • KIP Graphic Express – Zipped Installer, Manual Install • KIP 720 Drivers – Zipped Installer, Manual Install • KIP 2300 Drivers – Zipped Installer, Manual Install Note: if the install method used is via Printer Name, if the printer is updated to a newer version of Software the workstations will be update automatically on first launch. <u>How does Auto Update work – What Conditions are needed?</u> 1. DNS Name Resolution on Server – needs to return domain suffix as well. 2. Modify the host file on each workstation – needs to return domain suffix as well. 3. Will only update the SW Automatically if the original printer the software was pulled from is updated. – Tied to the host that SW was pulled from. 4. Under the %appdata% folder delete the PrintPro folder. When this is rebuilt, only the original printer connection will be loaded.

3 Print Screen

The Following section describes the function of KIP PrintPro.NET.

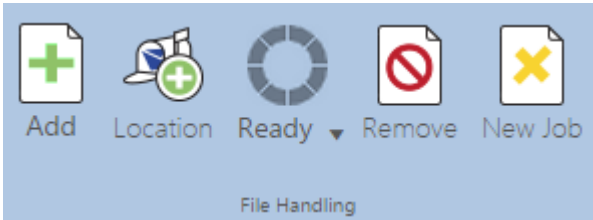
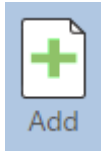
3.1 Home Tab

The screenshot shows the KIP PrintPro.NET Home Tab interface. The top navigation bar includes the KIP logo, the text 'KIP-870-KTC', and links for 'EN', 'DE', 'More...', 'Settings', and 'Log In'. Below this is a blue header bar with tabs for 'HOME', 'BASIC', and 'SORT', and a status bar indicating '6 files (6 pages selected)'. The main toolbar contains various icons for file handling, accounting, separator sheets, secure printing, templates, and submission. A table lists the selected files with columns for Print, File Name, File Size, No., Original Size, Print Size, Copies, and various settings. At the bottom, a thumbnail view of the files is shown with navigation arrows.

Numbered Callouts:

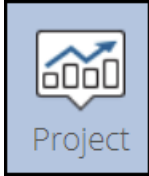
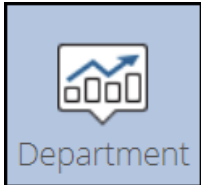
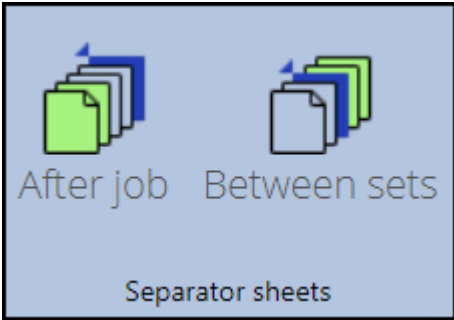
- 1: KIP logo
- 2: KIP-870-KTC text
- 3: Home icon
- 4: Print icon
- 5: Settings icon
- 6: Log In icon
- 7: Submit icon
- 8: CAD (Line) text in the file list
- 9: Thumbnail view navigation arrow
- 10: Thumbnail view navigation arrow

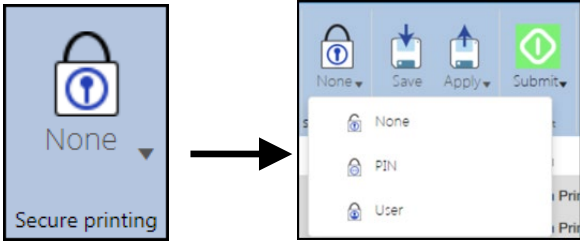
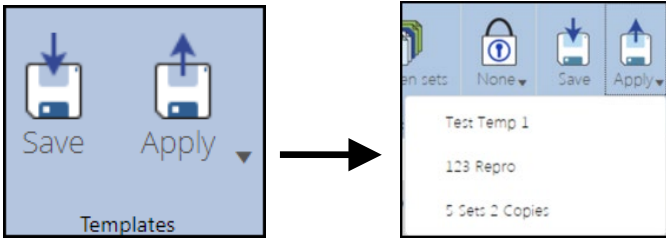
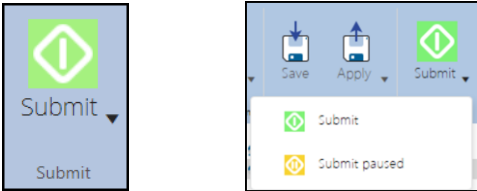
Print	File Name	File Size	No.	Original Size	Print Size	Copies												
☒	01 - BW - Site Plan CAD Line.pdf	0.8 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %	100.00 %	100.00 %	CAD (Line)	No Stamp Auto	No folding Default	Default	On Printer			
☒	02 - BW - Simple CAD - CAD Line.pdf	0.6 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %	100.00 %	100.00 %	CAD (Line)	No Stamp Auto	No folding Default	Default	On Printer			
☒	03 - Color - Simple CAD - CAD Line.pdf	0.7 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %	100.00 %	100.00 %	CAD (Line)	No Stamp Auto	No folding Default	Default	On Printer			
☒	04 - Color - Site Plan - CAD Line.pdf	0.8 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %	100.00 %	100.00 %	CAD (Line)	No Stamp Auto	No folding Default	Default	On Printer			
☒	05 - Color - Structural - CAD Line.pdf	1.1 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %	100.00 %	100.00 %	CAD (Line)	No Stamp Auto	No folding Default	Default	On Printer			
☒	06 - Color - Aerial Map - CAD GIS.pdf	10.1 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %	100.00 %	100.00 %	CAD (Line)	No Stamp Auto	No folding Default	Default	On Printer			

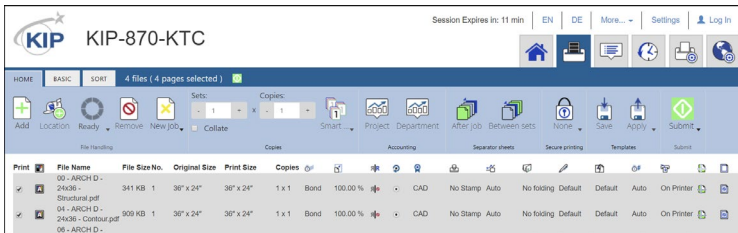
Component	Function
1. File Handling	 Consists of the following: • Add – Select this to browse for and add files to be printed. • Location – Select files from available mailboxes. • Ready – Displays the processed files that are ready to print. • Remove – Removes selected file(s) from job. • New Job - Clears all files and starts a new job.
• Add	 Select the Add icon to then browse to all available locations and add files to be printed.
• Location	 Select the Mailbox icon to add files to the current job from available Mailboxes. Also allows for the transfer of mailbox content via a .zip file.

Component	Function
Ready	When files are selected to be printed they are processed. The Ready icon will show all of the files that have been processed under the Dropdown menu.
Remove	Select file(s) to be removed from the job and then select the Remove icon. This will remove the selected file(s).
New Job	Selecting the New job icon will clear all files currently in the job matrix. This will then start a new job allowing new files to be added.
2. Copies	Consists of: - Sets – Controls how many sets are printed. - Copies – Controls how many copies are printed. - Collate – Enables/ Disables collate. Smart Stacking - First page always on top, regardless of paper exit. Standard - 1, 2, 3 Reverse - 3, 2, 1

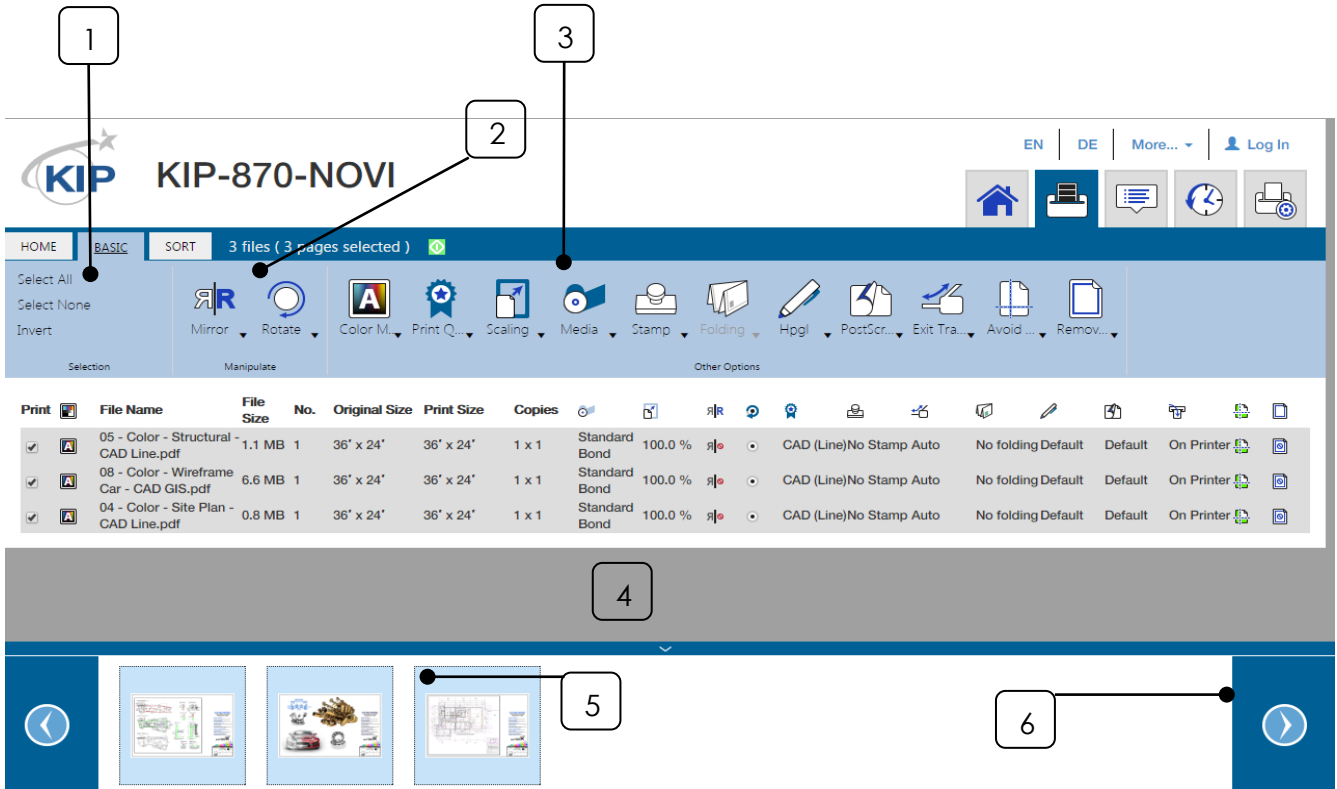
Component	Function
Sets/Collate	The sets function allows for the entry of how many sets will be printed. Collate – If checked will collate the sets being printed.
Copies	Copies 1 x 2 1 x 5 The Copies function allows for the entry of how many copies will be printed. This can be set on a per file basis. (above – first file 1 set, 2 copies/ second file 1 set, 5 copies).
3. Accounting	Consists of: - Project – If active Project numbers can be entered or selected. - Department - If active Department numbers can be entered or selected.

Component	Function
Project	
	When Accounting is active this field may be “required” for printing and can be either a pull down or standard entry.
Department	
	When Accounting is active this field may be “required” for printing and can be either a pull down or standard entry.
4. Separator Sheet	
	The Job Separator sheet is an output sheet that can be set to print <u>after a job</u> is completed or <u>in between each set</u> that is printed. This sheet will consist of the job details that were printed. The Separator sheet will print on the smallest roll available in the printer.

Component	Function
5. Secure Printing	 Secure printing has three available options: • None – This is the default setting. • PIN – User can enter a PIN that will be required to release the job to be printed. • User - User can enter a user name that will be required to release the job to be printed.
6. Templates	 Allows for the creation of a Template that can be used anytime and applied to any job. Once a template is created and saved, select the Apply icon to view a list of available templates.
7. Submit	 Select the Submit Icon to send the job currently in the job matrix with all of the desired settings to the KIP Printer for printing. Select the Dropdown arrow for a choice of Submit or Submit Paused

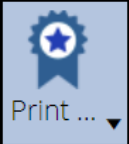
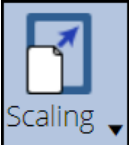
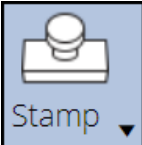
Component	Function
8. Job Matrix	 When files are selected to be printed, they will load into the Job Matrix. This section will display the following: • File Name – Name of the selected File. • Name – Page1, Page 2, Page 3. • Number - Number of the page (6 page file would show that specific Page number). • Print Size – Size of the output. • Copies – Number of copies to be printed.
9. Preview Images	 The Preview pane will display a small preview of each file in the Job Matrix.
10. Scroll Images	 The Left/Right arrows will allow for the scrolling of Preview Images.

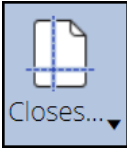
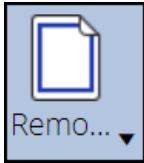
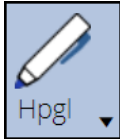
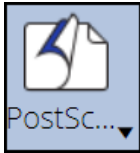
3.2 Basic Tab

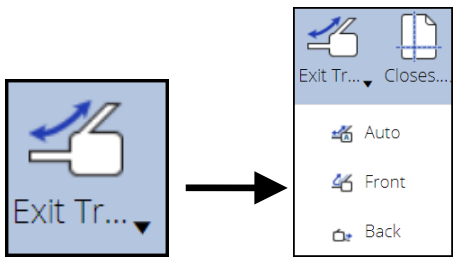
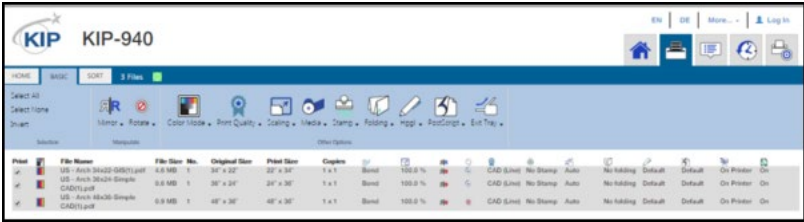


Component	Function
1. Selection	HOME BASIC Select All Select None Invert Selection Selection consists of: Select All – Selects all files in the Job Matrix so that setting changes can be applied to all. Select None – De-selects all selected files. Invert – Used to invert the selected files in the Job Matrix. For Example, if files 1 and 3 were selected “Invert” would de-select them and select file 2.
Component	Function

2. Manipulate	The Manipulate section consists of the following: • Mirror - This function will MIRROR the image in a left-right position. • Rotate – This option allows the user to pick a clockwise rotation (90 °, 180 °, 270 ° and Auto).
3. Other Options	The section Other Options consists of the following: • Color Mode • Print Quality • Scaling • Media • Stamp • Folding • HPGL • PostScript • Exit Tray • Avoid Wastage • Remove White Borders
• Color Mode	When Connected to a Color Printer, selections for different Color Modes will be available. See Note on page 23 for explanation of Color Modes.

Component	Function
Print Quality	
	Print Quality displays the default quality settings as well as any quality presets created in KIP Print Pro.
Scaling	
	Scaling displays the default Scaling percentages as well as any Scaling presets created in KIP Print Pro.
Media	
	Selecting the Media icon will display all available medias that have been configured for use with the KIP Printer.
Stamp	
	Selecting the Stamp icon will display all available Stamps that have been configured for use with the KIP Printer.
Folding	
	Selecting the Folding icon will display all available Fold Presets that have been configured for use with the KIP Printer.

Component	Function
Closest/Exact	
	Enable/Disable Prevents small images from printing on the largest size roll based on the wastage percentage. This is used so that the least amount of waste is produced when printing.
Remove White Borders	
	Selecting Enable will remove excess white bordres from the file being printed.
HPGL	
	Selecting the HPGL icon will display all available HPGL Presets that have been configured for use with the KIP Printer.
PostScript	
	Selecting the PostScript icon will display all available PostScript Presets that have been configured for use with the KIP Printer.

Component	Function
Exit Tray	 Selecting the Exit Tray icon allows for the selection of where the printed output will exit. Choose from Auto, Front or Back depending on the printer configuration.
4. Job Matrix	 When files are selected to be printed, they will load into the Job Matrix. This section will display the following: - File Name – Name of the selected File. - Name – Page1, Page 2, Page 3. - Number - Number of the page (6 page file would show that specific Page number). - Print Size – Size of the output. - Copies – Number of copies to be printed.

Component	Function
5. Image Preview	 The Preview pane will display a small preview of each file in the Job Matrix.
6. Scroll Images	 The Left/Right arrows will allow for the scrolling of Preview Images.

KIP System K PrintPro.NET allows users to choose color and black & white print modes for the entire print job or mix and match on a per page basis. Use the Detect Color feature to automatically identify and print documents in full CMYK color or black & white using Single Pass Black. The Thumbnail Preview and Color Mode icon will indicate the Color Mode detected and Print Meter (color or black) incremented. Enable this feature in the File Format Settings on the System K printer via web browser.

Black and White – Auto Detected or manually selected to print color or black and white documents using only black toner. (Increment Meter B/Black)



Grayscale – Auto Detected or manually selected to print color, grayscale and black & white documents using grayscale processing for smooth gray tones. (Increment Meter B/Black)



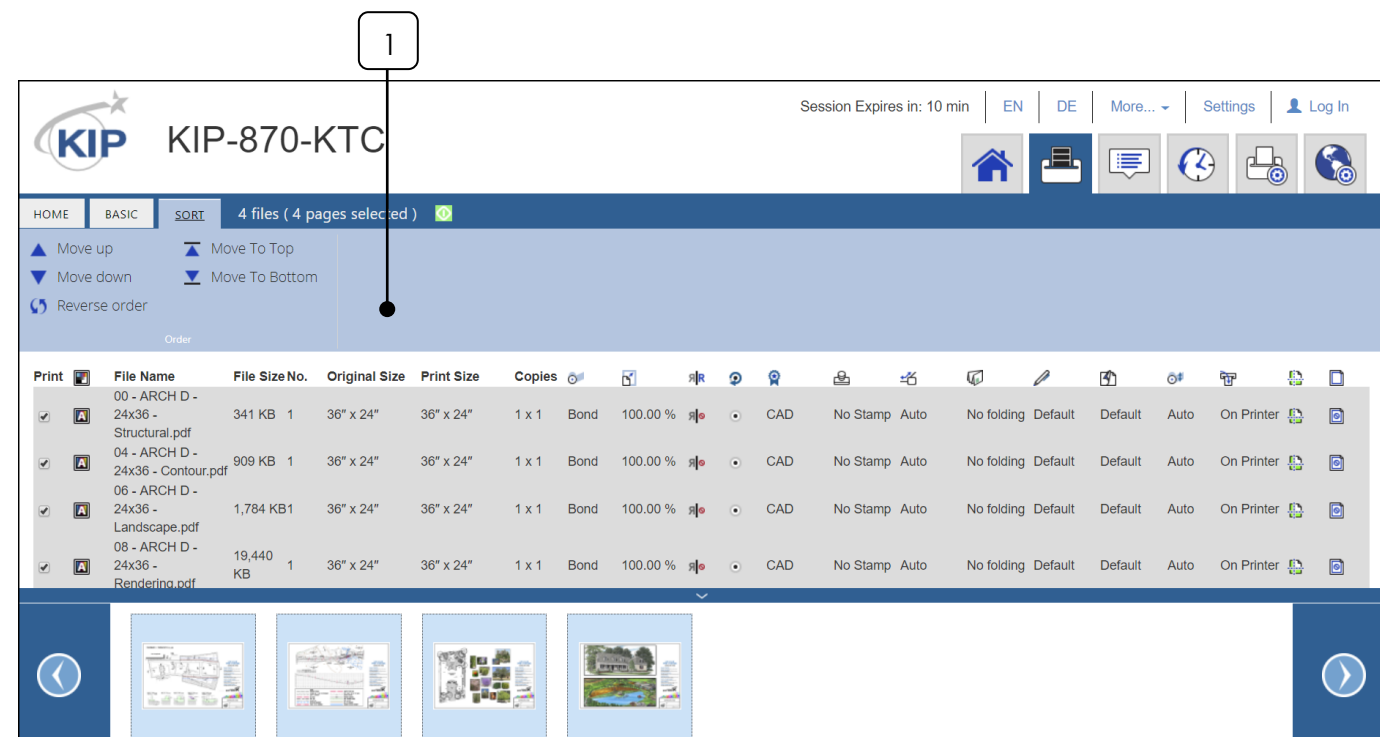
Color – Auto Detected or manually selected for all color documents and when mixing sets of color and black and white. (System Default: Increment Meter A/Color)



KIP System K ImagePro can be configured to Auto Detect black and white documents vs color documents to engage the proper CMYK units (Can only be activated by Administrator or Service Technician. This is done in PrintPro.net). By Default, PrintPro.NET will group all black and white documents with color ones to maximize productivity. In this case, all black and white documents and color documents are printed with all 4 CMYK units engaged even though only K toner is used with documents choosing the CAD Print Quality Preset (Color Meter is incremented).

When the System K Printer is configured via web browser for “Detect Color”, PrintPro.NET will separate black and white vs color documents during printing. When a true black and white document or grayscale is detected, only the K toner unit is engaged and the Black Meter is incremented. For documents with color data, all 4 CMYK units are engaged. In this case K toner is used for the CAD Print Quality Preset whereas CMYK are used for the Graphics and Photo Print Quality Presets. Of course, at any time, operators can override the Color Mode for each or all the documents by selecting a new Color Mode from the pulldown column or Basic tab on the Tool Bar.

3.3 Sort Tab



Component	Function
1. Order	The Sort section consists of the following: • Move up – Moves selected file(s) up one space. • Move Down – Moves the selected file(s) down one space. • Reverse Order – Reverses the file order of the files in the Job Matrix. • Move To Top – Moves selected file(s) to the top of the Job Matrix. • Move To Bottom – Moves selected file(s) to the bottom of the Job Matrix.

3.4 Information

KIP-870-KTC

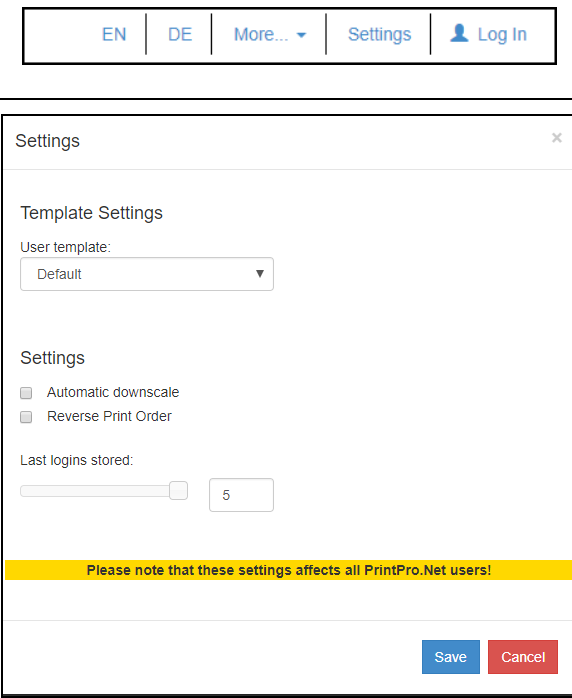
EN | DE | More... | Settings | Log In

HOME BASIC SORT 6 files (6 pages selected)

Move up Move To Top
Move down Move To Bottom
Reverse order

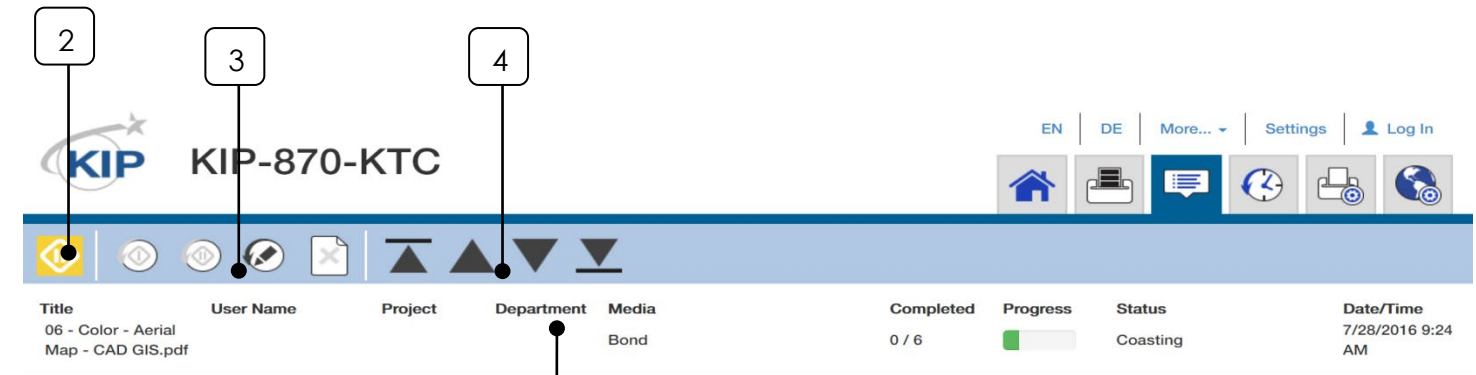
Print	File Name	File Size	No.	Original Size	Print Size	Copies												
☒	06 - Color - Aerial Map - CAD GIS.pdf	10.1 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %										
☒	05 - Color - Structural - CAD Line.pdf	1.1 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %										
☒	04 - Color - Site Plan - CAD Line.pdf	0.8 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %										
☒	03 - Color - Simple CAD - CAD Line.pdf	0.7 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %										
☒	02 - BW - Simple CAD - CAD Line.pdf	0.6 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %										
☒	01 - BW - Site Plan CAD Line.pdf	0.8 MB	1	36" x 24"	36" x 24"	1 x 1	Bond	100.00 %										

Thumbnail preview bar showing 6 images.

Component	Function
1. Language • EN – Puts the Language in English • DE – Puts the Language in German • More – Select from multiple different languages • Settings – Set various PrintPro.Net settings including: ○ Template Settings – If templates have been created one may be selected as the default to be used. ○ Automatic Downscale – If selected file is larger than the printer can print (Larger than 36", x and y) the image will automatically be downscaled to 36" by length needed to print correctly. ○ Reverse Print Order – Can be set so all jobs printed will be in the reverse order. ○ Last Logins stored – Can be set to hold up to 5 of the last logins to PrintPro.Net. • Log In – used to log in to PrintPro.Net if accounting is being used (default accounts are Administrator and Service).	 The screenshot shows the top navigation bar with buttons for 'EN', 'DE', 'More...' (with a dropdown arrow), 'Settings', and 'Log In' (with a user icon). Below this, the 'Settings' dialog box is open. It has a title bar with a close button. Inside, there's a 'Template Settings' section with a 'User template:' dropdown menu currently set to 'Default'. Below that is a 'Settings' section with two checkboxes: 'Automatic downscale' and 'Reverse Print Order', both of which are unchecked. Underneath is a 'Last logins stored:' section with a slider and a text input field containing the number '5'. A yellow warning banner at the bottom of the dialog reads 'Please note that these settings affects all PrintPro.Net users!'. At the very bottom of the dialog are 'Save' and 'Cancel' buttons. Note: changes made will affect all users of PrintPro.Net.

4 Job Queue

The Job queue shows all of the files that are currently in the Job queue to be printed allowing the user to see where there job is in relation to other jobs in the queue. An Administrator can also control the queue and manipulate the file order or delete unwanted jobs if necessary.

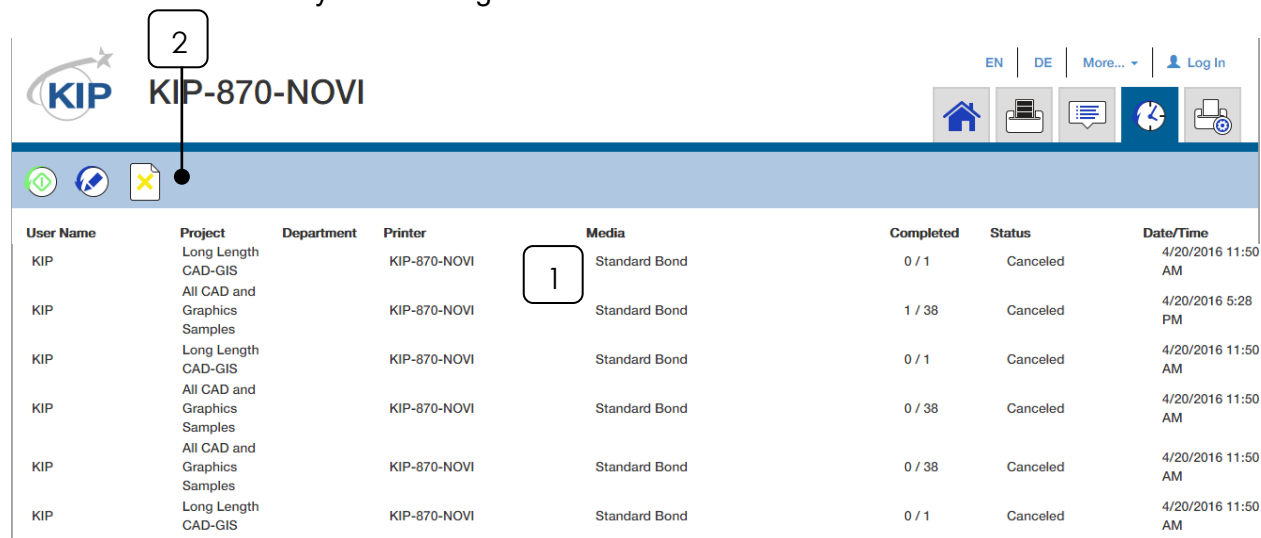


Component	Function
1. Job Queue	The Job Queue will show the jobs currently in the KIP Printer. Here there are three jobs: • First job is paused. • Second job is printing. • Third job is Ripping.
2. Pause Job Queue	Select this icon to Pause the entire job print queue. Select it again to Resume the queue.

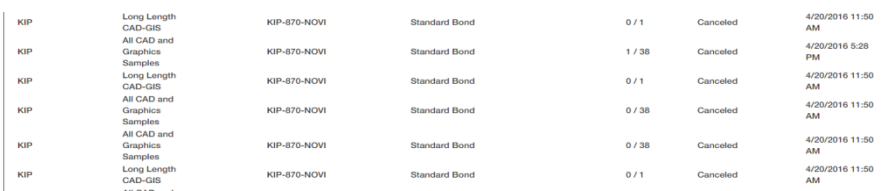
Component	Function
3. Queue Options	There are multiple function in this section, including: • Pause Resume the Whole Job Queue – Pauses or resumes all jobs currently in the job queue. • Resume selected items – if a specific job has been paused or the entire queue selecting this icon will release the selected job. • Pause selected items – Select a specific job then select this icon to pause only that job and not the entire queue. • Edit selected items – Selecting Edit will reload the job into the print queue and allow it to be edited and then re-submitted. • Delete selected items – Selecting this icon will delete the selected job.
4. Job Options	There are multiple function in this section, including: • Move selected item(s) to the top. • Move selected item(s) up. • Move selected item(s) down. • Move selected item(s) to the bottom.

5 History Queue

The Historical Queue displays a list of jobs that have been printed in the past. Parameters for Historical Queue are defined in PrintPro.NET System Settings Tab.



User Name	Project	Department	Printer	Media	Completed	Status	Date/Time
KIP	Long Length CAD-GIS		KIP-870-NOVI	Standard Bond	0 / 1	Canceled	4/20/2016 11:50 AM
KIP	All CAD and Graphics Samples		KIP-870-NOVI	Standard Bond	1 / 38	Canceled	4/20/2016 5:28 PM
KIP	Long Length CAD-GIS		KIP-870-NOVI	Standard Bond	0 / 1	Canceled	4/20/2016 11:50 AM
KIP	All CAD and Graphics Samples		KIP-870-NOVI	Standard Bond	0 / 38	Canceled	4/20/2016 11:50 AM
KIP	All CAD and Graphics Samples		KIP-870-NOVI	Standard Bond	0 / 38	Canceled	4/20/2016 11:50 AM
KIP	Long Length CAD-GIS		KIP-870-NOVI	Standard Bond	0 / 1	Canceled	4/20/2016 11:50 AM

Component	Function
1. History Jobs	 Jobs that have been printed will be listed in the History Queue (Only if history is active). These can then be edited if necessary and reprinted.
2. Reprint Options	 There are multiple functions in this section, including: - Reprint Selected Jobs – Once selected from the list the selected job is sent to the printer to be reprinted. - Edit Selected Jobs - Once selected from the list the selected job will be loaded into the job queue so it can be Edited. - Delete Selected Jobs – Select desired jobs and then delete them from the History Queue.

6 Machine Settings

6.1 Media Handling

Machine Settings

Placement

Position

Left

Auto Rotation

Fast Print

Default B&W Media

Bond

Default Color Media

Bond

☐ Enable maximum wastage (%)

Exact

Closest

1

☒ Enable roll width tolerance (")

0.28

☒ Schedule jobs on loaded media sizes only

Toner settings

Copy Levels

Medium

Print Levels

Medium

Scanner settings

Enable Start Button

☒

Scan Speed

Normal

Save

Reset

Component	Function
1. Placement	Placement Position Left Auto Rotation Fast Print Default B&W Media Bond Default Color Media Bond ☐ Enable maximum wastage (%) Exact Closest 1 ☒ Enable roll width tolerance (") 0.28 ☒ Schedule jobs on loaded media sizes only

Placement has many functions within this window. These are explained individually in this section.

Component	Function
Auto Rotation	Auto Rotation Fast Print ▼
	These options are used when the Auto Rotation is initiated by various settings and media roll sizes. The image size is not affected by this setting. Oversize - Will automatically rotate the image only if the landscape image is larger than the media width selected. Smaller sized images will maintain their orientation on the media selected. Fast Print - Determines if the portrait image can be rotated to fit landscape on any available media roll. Or a landscape image can be rotated to fit on any available media roll. Paper Save Clockwise - Sets rotation direction if the portrait image can be rotated to fit landscape on any available media roll. Paper Save Counter Clockwise - Sets rotation direction if the portrait image can be rotated to fit landscape on any available media roll.
Default B&W MEDIA	Default B&W Media Bond ▼
	Use this do set the default media to be used when a B&W file is sent to the KIP Via the Smart Print option and no media is set in the e-mail.
Default Color Media	Default Color Media Bond ▼
	Use this do set the default media to be used when Color a file is sent to the KIP Via the Smart Print option and no media is set in the e-mail.

Component	Function
Enable Maximum Wastage	☒ Enable maximum wastage (%) 1 This mode sets the maximum allowable waste when printing small size images on larger sheet sizes. - This mode is used so that the least amount of waste is produced when printing. This is done by preventing small images from printing on the largest media roll sizes based on the wastage percentage. - When set to (1) the least amount of waste is allowed - When set to (100) the maximum amount of waste is allowed.
Enable Roll Width Tolerance	☒ Enable roll width tolerance 3 When enabled, allows user to set a value (1-15) in millimeters using a slider or direct keyboard entry. The default value is 3mm. This adjustment considers the "Position" setting to determine which edge (left, right or both) are digitally trimmed. For instance, if "Right" position is selected then the image shifts to the right side and the left side of image is trimmed by the amount entered for Roll Width Tolerance. When "Position" is set to "Center", both sides are equally trimmed to the tolerance amount.

Component	Function
Schedule jobs on loaded media sizes only	☒ Schedule jobs on loaded media sizes only This feature controls whether the system can choose only between roll sizes which are loaded (default), or even include roll sizes which are not (yet) loaded. If this is switched on (default): Jobs which come in for roll size “Auto” (default on Print Pro + Print Pro Net; non-folding jobs), will be placed on the next loaded roll size. If a “Wastage” constraint is active, a valid size might not be found, hence the job will stay in queue showing “Wastage exceeded”. In case a job is hold in the queue, other jobs will bypass this job, so the queue is not blocked. If this is switched off: Jobs which come in for roll size “Auto” (default on Print Pro + Print Pro Net; non-folding jobs), will be placed on the next possible roll size (even if currently not loaded). If a “Wastage” constraint is active, a valid size might not be found, hence the job will stay in queue showing “Wastage exceeded”. But even without wastage constraint, the job might not print because the roll size is not loaded (or has different media). In such case, the media configuration screen will show up asking for the required media. The queue will be blocked until the correct media is loaded or the job is deleted. This means switching this new function “off” (uncheck) will allow for a queue behavior similar to “Exact” in old IPS/KS8, if used together with “Enable Maximum Wastage” function.

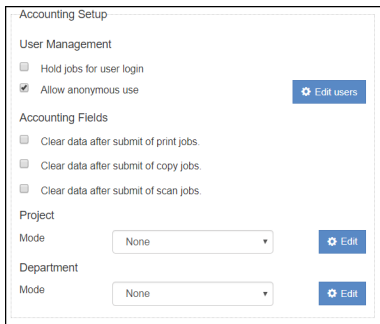
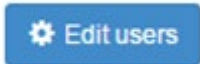
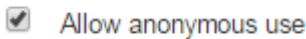
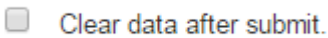
Component	Function
2. Toner Settings	Toner settings Copy Levels Medium ▼ Print Levels Medium ▼ ☐ Enable Transfer Support Note: Copy levels appear if a scanner is attached and enabled. Copy Levels (scanner attached) – Adjusts print density. Effects only prints run in "Copy Mode" Print Levels – Adjusts print density. Effects all prints except what is run in "Copy Mode" Enable Transfer Support - in some cases will increase the amount of toner transferred to the media when enabled. There may be the case that the print image looks so light (not so clear) even though the density setting is proper or higher than required. This kind of problem may occur when special media is used, because it is difficult to transfer the toner image fully onto it. Note: If available on your KIP Printer Model. If unsure please contact technician.
3. Scanner Settings	Scanner settings Enable Start Button ☒ Scan Speed Normal ▼ Enable Start Button – when selected will make the start button on the touchscreen active. Scan Speed – There are two settings to choose from: Normal – Scanner auto detects and sets scan speed. Slow – Sets the scanner to a 600 DPI speed (slow) for delicate originals.

6.2 Mailboxes/Creating Mailboxes

Component	Function
1. Mailbox Setup a. Current mailboxes	Mailbox setting displays all available mailbox locations. Each location has the ability to Transfer the mailbox or Empty the mailbox • Transfer - Will Zip and transfer the mailbox. • Empty - Will empty the current contents of the selected mailbox. • Edit – Will allow for the renaming of the mailbox, resetting the Counter, Changing the Naming Schema and making the mailbox active or inactive (hidden).
2. Mailbox Setup a. Mailbox creation	Select mailbox type to be created from available selections.

Component	Function
Mailbox Setup – Cont. b. Settings – Fill in necessary information c. Is Active – If selected the Mailbox will be active and displayed for use. d. Is Active – If unselected the mailbox will be created but will not be displayed for use.	Local Mailbox Mailbox Settings Mailbox Name New Mailbox Counter 1 Naming Schema scan### ☒ Is Active Save Cancel SMB Mailbox Mailbox Settings Mailbox Name New Mailbox Counter 1 Naming Schema scan### Unc Username Password ☒ Is Active Save Cancel Please note: it is necessary to fill in all of the information for the mailbox being created. The information needed will vary depending on the mailbox being created. In the above picture more information is necessary for the SMB mailbox than is needed for the Local mailbox.

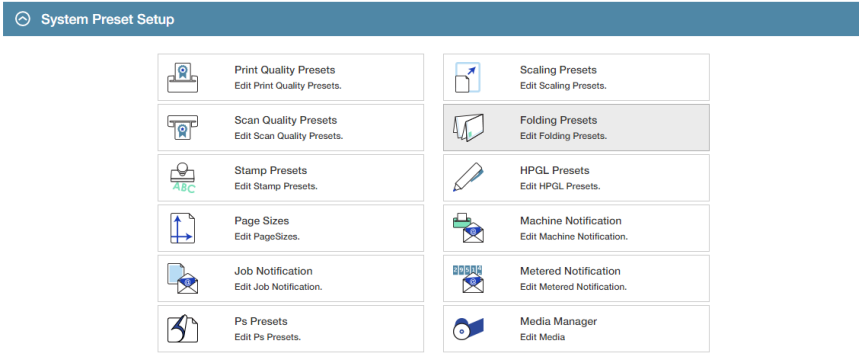
6.3 Accounting Setup

Component	Function
1. Accounting Setup	Accounting Package purchased:  Accounting Package not purchased  Accounting Setup has many functions within this section. These are explained individually in this section. Please note, if the Accounting package is not purchased the ability to create Projects and Departments is not available. Also Log files will not be created.
• Edit Users	 Allows for the editing by administrator of existing accounts.
• Hold Jobs for User Login	When active, this will hold all jobs submitted by users. It will be necessary for the user to login at the touchscreen to release their jobs.
• Allow Anonymous Use	 Allow anonymous use checked, allows the printer to be used anonymously with bypassing accounting. Allow anonymous use unchecked makes the login mandatory to use the KIP Printer.
• Clear Data After Submit	 When accounting is used checking this box will clear the accounting fields forcing the new entry of information.

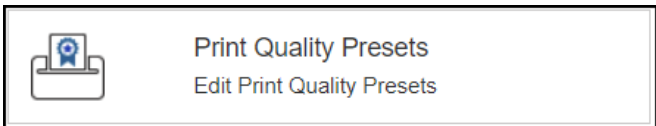
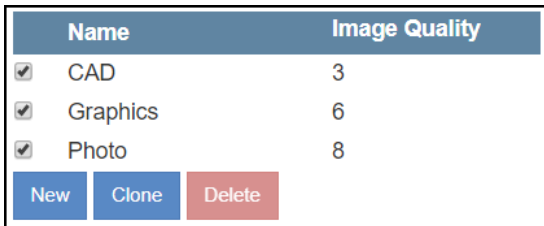
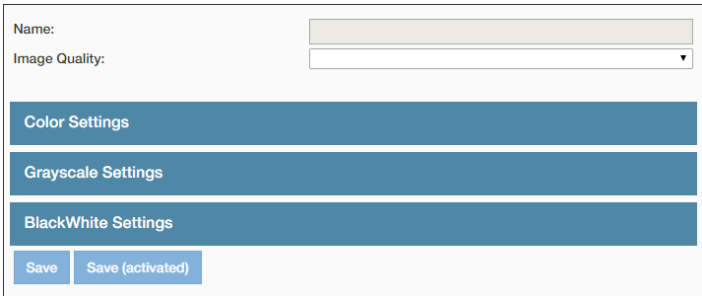
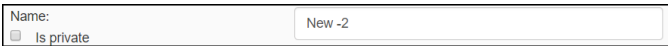
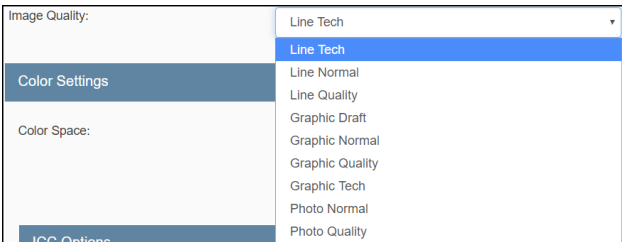
Component	Function
Clear Accounting Fields	Accounting Fields ☐ Clear data after submit of print jobs. ☐ Clear data after submit of copy jobs. ☐ Clear data after submit of scan jobs. When accounting is used checking this box will clear the accounting fields forcing the new entry of information.
Accounting Fields	Project Mode None ▼ Edit Department Mode None ▼ Edit Accounting fields can be added or edited by an administrator. The Mode can also be set here: - None – No requirements for this field. - Required – Entering some information into this field is required to print. - Dropdown – Allows for the selection of data from a dropdown window. - Dropdown/Password Required – Requires a password in conjunction with the dropdown selection.

7 System Settings

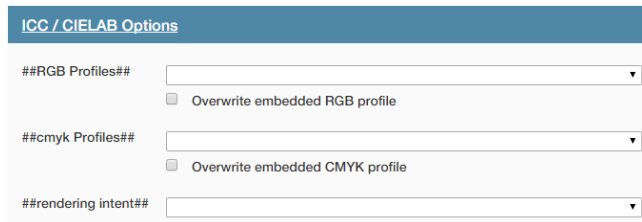
7.1 System Preset Setup

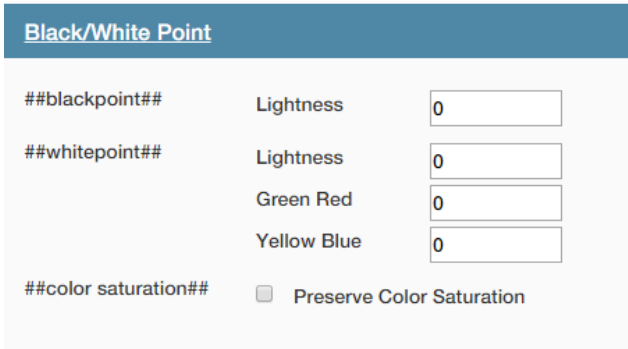
Component	Function
1. System Preset Setup	 Template setup has many functions within this section. These are explained individually here.

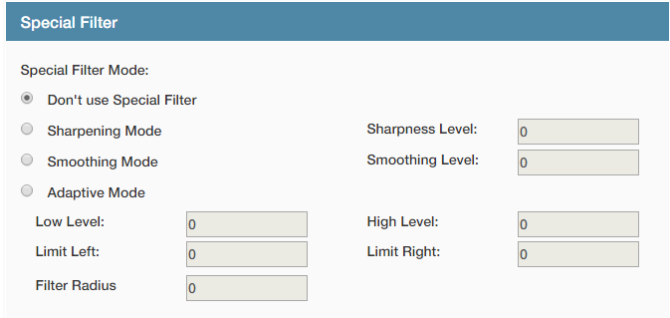
7.1a Print Quality Presets

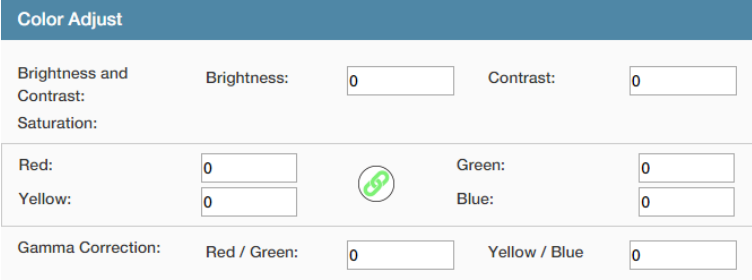
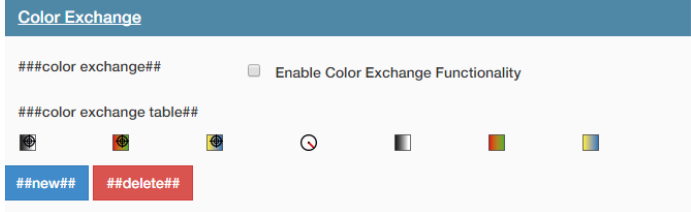
Step	Action	Illustration
1.	Select the Print Quality Icon	
2.	Once open this screen will show all of the pre-configured Print Quality modes as well as allow for the creation of new presets.	
3.	Selecting the “New” icon will allow for the creation of a new Print Quality preset. Fill in the appropriate sections and select “Save” to save the Preset or Save (active) to save the Preset and make it active as well.	
4.	Name – This is the name that will be displayed in the Preset list of names.	
5.	Image Quality – Choose from the Dropdown of available settings.	

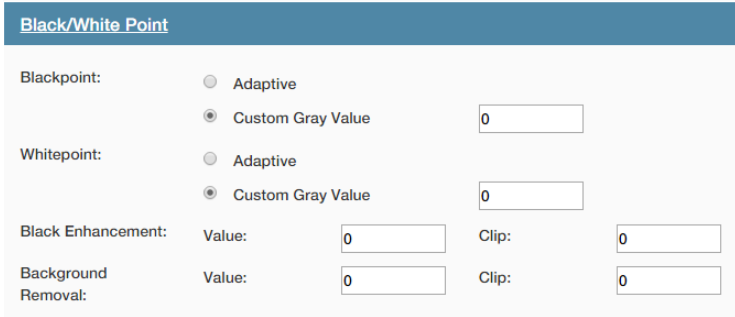
Step	Action	Illustration
6.	Color Space – There are multiple color settings that can be applied to the selected Color Space: • Use RGB ○ Use RGB allows for the setting of Black/White Point, Gray Correction, Gamma Correction and Special Filters. • Use CIELAB ○ Use CIELAB allows for the setting of ICC/CIELAB Options, Black/White Point, Special Filter, Color Adjust and Color Exchange. • Use CMYK ○ Use CMYK has no additional settings as this uses the CMYK setting in the file created. • Use CMYK Direct ○ Disables Color management settings and uses color settings from the file itself.	 The illustration shows a 'Color Settings' dialog box. On the left, there is a 'Color Space:' label. To the right of this label is a list of four radio button options: 'Use RGB', 'Use CIELAB' (which is selected, indicated by a filled circle), 'Use CMYK', and 'Use CMYK direct'.

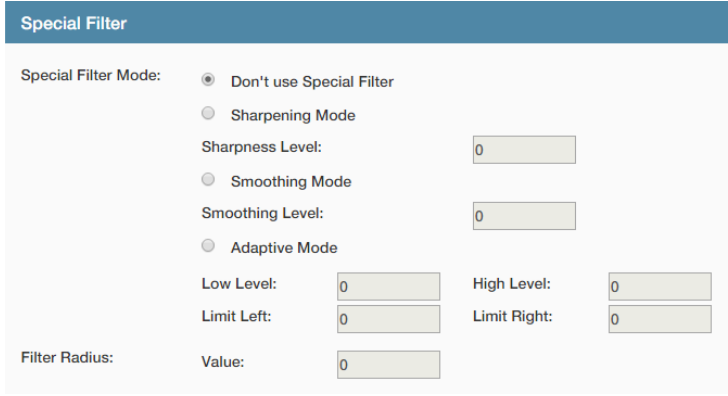
Step	Action	Illustration
	Color Settings – Continued ICC/CIELAB Options • RGB Profiles – Choose from sRGB with Overwrite embedded RGB profile on or off. • CMYK Profiles – Choose from SWOP and Euroscale with Overwrite embedded CMYK profile on or off. • Rendering Intent – Choose from ○ Perceptual ○ Absolute ○ Relative ○ Saturation	 The screenshot shows a dialog box titled "ICC / CIELAB Options". It contains three dropdown menus: "##RGB Profiles##", "##cmYk Profiles##", and "##rendering intent##". Below the first two dropdowns are checkboxes for "Overwrite embedded RGB profile" and "Overwrite embedded CMYK profile".

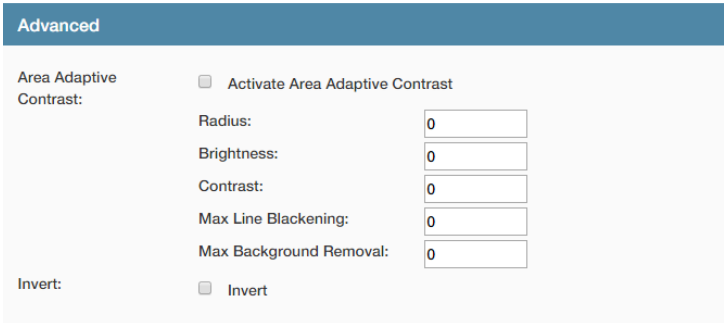
Step	Action	Illustration
	Color Settings – Continued Black/White Point • Blackpoint – Control the Lightness 0 to 100. 0. The lower the value the darker the output. • Whitepoint – Control the Lightness 100 to 0. The higher the value the lighter the output. • Green/Red - Control the green to red value 0 to 127. The lower the value the more green in the output/the higher the value the more red in the output. • Yellow to Blue - Control the yellow to blue value 0 to 127. The lower the value the more yellow in the output/the higher the value the more blue in the output. • Color Saturation - Check the box Preserve Color Saturation to keep Color Saturation unaffected by any changes to Black and White Point.	

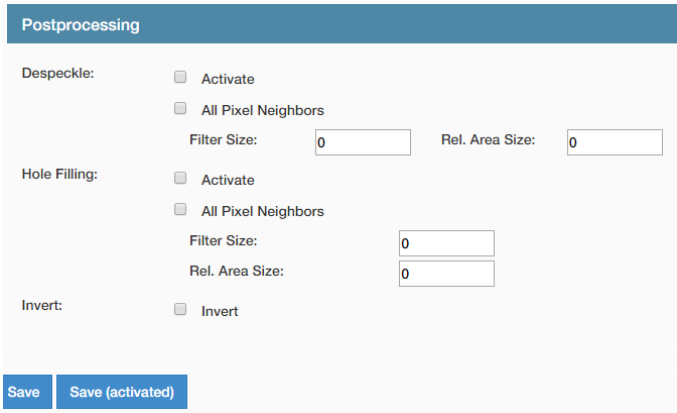
Step	Action	Illustration
	Color Settings – Continued Special Filter	
	▪ Don't Use Special Filter – Special filter is not used when this is selected ▪ Sharpening Mode – Used to make fuzzy picture clear. As outlines are enhanced, pictures become clearer. This setting increases the contrast between light and dark pixels and enhances the edge sharpness of text and lines drastically. 0 no sharpening 100 max sharpening. Default is 50. ▪ Smoothing Mode - To reduce image noise and distortions, and affects the whole picture contrast. ▪ Adaptive Mode - Is made of two unique filters, both possessing the features of SHARP and SMOOTH, whose intensity can be adjusted in the entry fields under LEVEL. The upper entry field controls foreground objects that should be enhanced, such as text, whereas the lower field is for image backgrounds needing smoothing. With both filters, you will reach a maximum smoothing effect at 0 and a maximum sharpening effect at 100. ▪ Filter Radius – The Filter Radius value will change the number of pixels that are affected by the current filter.	

Step	Action	Illustration
	Color Adjust – Allows a fine tuning of the colors in the LAB color space.	 The screenshot shows the 'Color Adjust' window. It has a title bar 'Color Adjust'. Below it, there are two rows of controls. The first row has 'Brightness and Contrast' with 'Brightness' and 'Contrast' sliders, both set to 0. The second row has 'Saturation' with input fields for 'Red', 'Yellow', 'Green', and 'Blue', all set to 0. A green chain link icon is in the center. At the bottom, there is a 'Gamma Correction' section with 'Red / Green' and 'Yellow / Blue' sliders, both set to 0.
	The saturation channels are two half axis of the a- and b-channels. They can be modified either separately or all at once. If you want to change them simultaneously, activate the chain link in the center. To remove a Color tint you can use the Color Adjustment values. Gamma Correction - Allows the adjustment of color shifts in the Red/Green and Yellow/Blue range to correct the brightness.	
	Color Settings – Continued Color Exchange – To use enter the Source color LAB values in the first three spaces and the Target color LAB values in the last three spaces.	 The screenshot shows the 'Color Exchange' window. It has a title bar 'Color Exchange'. Below it, there is a checkbox 'Enable Color Exchange Functionality'. Below that, there is a section '###color exchange table##' with a table. The table has two columns: '##new##' and '##delete##'. The table contains several rows of color swatches and their corresponding LAB values.

Step	Action	Illustration
7.	Greyscale Settings - There are multiple settings that can be applied to this selection: - Black/White Point - Special Filter - Advanced	 The screenshot shows a dialog box titled 'Black/White Point'. It contains the following settings: Blackpoint: Radio buttons for 'Adaptive' and 'Custom Gray Value' (selected). A text box next to 'Custom Gray Value' contains the value '0'. Whitepoint: Radio buttons for 'Adaptive' and 'Custom Gray Value' (selected). A text box next to 'Custom Gray Value' contains the value '0'. Black Enhancement: A 'Value' slider set to '0' and a 'Clip' text box set to '0'. Background Removal: A 'Value' slider set to '0' and a 'Clip' text box set to '0'.
	Blackpoint - Adaptive (BP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Blackpoint - Custom Gray Value (BP) can be adjusted from 0 to 255. Setting this to a higher value will produce darker text. Whitepoint - Adaptive (WP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Whitepoint. - Custom Gray Value (WP) can be adjusted from 0 to 255. Setting this to a lower value will produce lighter text. Black Enhancement - The Black Enhancement enables you to edit black values. The lower the number the lighter the black. Clip will determine the new base black value depending on the black value set in Black Enhancement. Background Removal - Used to tune background contrast (e.g. in order to further fine-tune text visibility). You may additionally reduce or improve the white to grey-values. The higher the clipping value, the brighter and whiter the image's most white elements will become.	

Step	Action	Illustration
	Greyscale Settings - Continued Special Filter	
	▪ Don't Use Special Filter – Special Filter is not used when this is selected. ▪ Sharpening Mode – Used to make fuzzy picture clear. As outlines are enhanced, pictures become clearer. This setting increases the contrast between light and dark pixels and enhances the edge sharpness of text and lines drastically. 0 no sharpening 100 max sharpening. Default is 50. ▪ Smoothing Mode - To reduce image noise and distortions, and affects the whole picture contrast. ▪ Adaptive Mode - Is made of two unique filters, both possessing the features of SHARP and SMOOTH, whose intensity can be adjusted in the entry fields under LEVEL. The upper entry field controls foreground objects that should be enhanced, such as text, whereas the lower field is for image backgrounds needing smoothing. With both filters, you will reach a maximum smoothing effect at 0 and a maximum sharpening effect at 100.	

Step	Action	Illustration
	Greyscale Settings Advanced	
	Used to controll the Area Adaptive Contrast with the following settings: - Radius - Brightness - Contrast - Max Line Blackening - Max Background Removal - Invert	

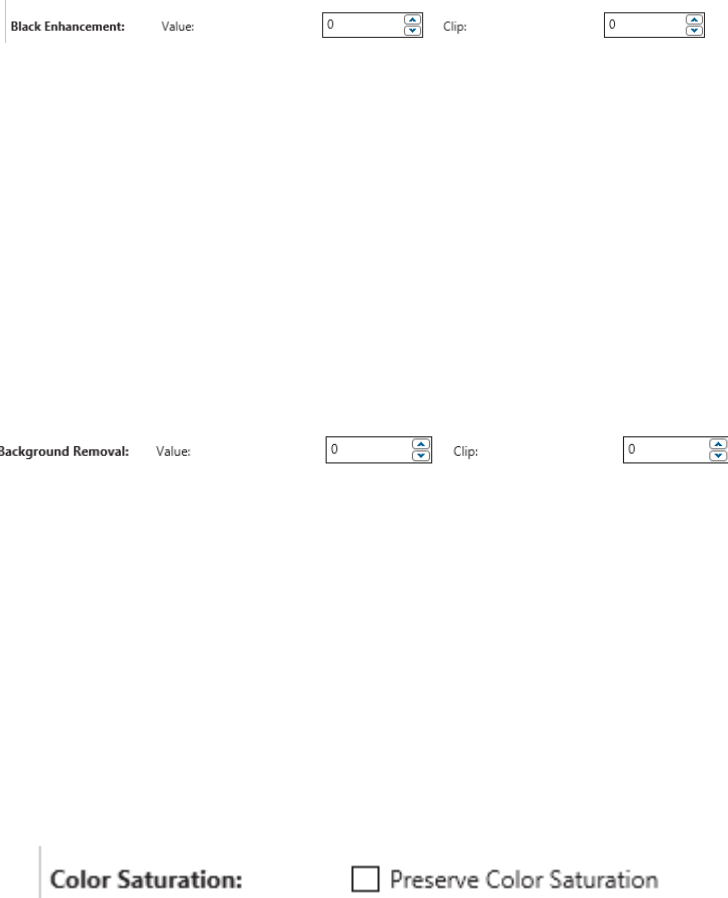
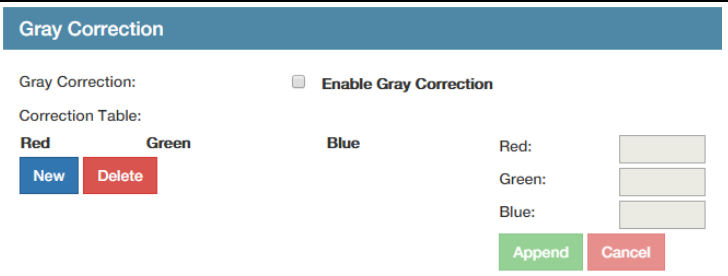
Step	Action	Illustration
8.	Black/White Settings - There are multiple settings that can be applied to this selection:	
	Despeckle - This option removes black pixels in black & white mode, for example from scans of murky originals. The filter searches for groups of black pixels and converts them into white. Small-sized pixel groups, such as those forming punctuation dots, are kept. All Pixel Neighbors - Pixels are connected neighbors when there is a series of 8 (instead of 4) adjacent pixels, i.e. additionally to pixels of the same row or column, the diagonally-adjacent pixels are considered to be connected. Filter Size – It corresponds to the maximum "diameter" of the pixel area which is to be removed. Hole Filling - This function makes it possible to remove single pixel-sized white holes from black areas in <i>b&w</i> mode. Invert – Changes black to white and white to black	
9.	Reset/Save/Save (activated) – Reset – Resets to default settings Save – Saves the new preset but does not make it active for use. Save (activated) – Saves the new preset activated and ready for use.	

7.1b Scan Quality Presets

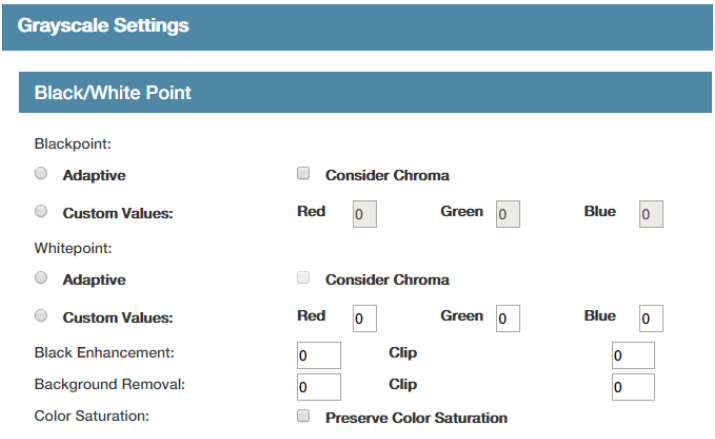
Step	Action	Illustration
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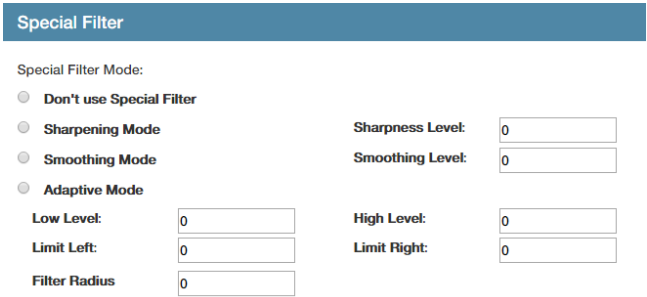
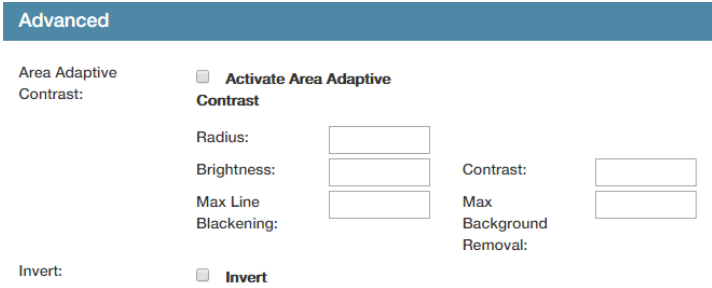
1.	Select the Scan Quality Presets Icon	 Scan Quality Presets Edit Scan Quality Presets.
2.	Selecting the “New” icon will allow for the creation of a new Scan Quality Preset. Fill in the appropriate sections and select “Save” to save the Preset or Save (active) to save the Preset and make it active as well.	Name New Clone Delete Name: ##Enable Color##: ☐ ##Enable##: ☐
3.	Name – This is the name that will be displayed in the Preset list of names.	Name:

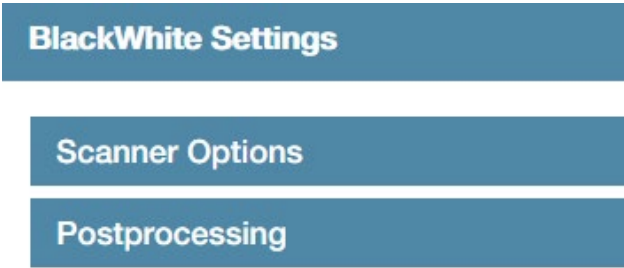
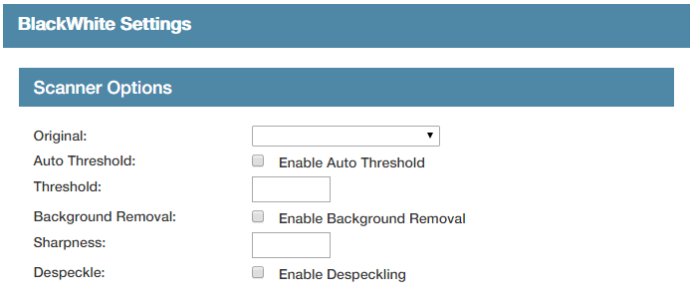
Step	Action	Illustration
4.	Color Settings	Black/White Point Blackpoint: ☐ Adaptive ☐ Consider Chroma ☐ Custom Values: Red 0 Green 0 Blue 0 Whitepoint: ☐ Adaptive ☐ Consider Chroma ☐ Custom Values: Red 0 Green 0 Blue 0 Black Enhancement: 0 ☐ Clip 0 Background Removal: 0 ☐ Clip 0 Color Saturation: ☐ Preserve Color Saturation
5.	Blackpoint • Adaptive (BP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Blackpoint. • Custom Values – Control the values for the Red/Green/Blue settings. Whitepoint • Adaptive (WP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Whitepoint. • Custom Values - Control the values for the Red/Green/Blue settings.	

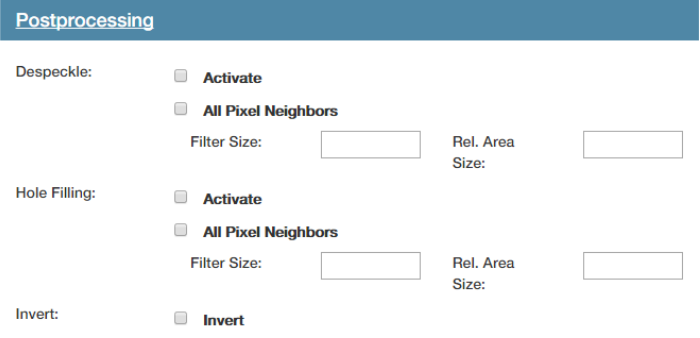
Step	Action	Illustration
	Blackpoint – Continued Black Enhancement/Clip - The Black Enhancement enables you to edit black values. Setting the value lower will cause a lighter black value, whereas a higher value will result in darker black. Clip - Will determine the new base black value depending on the black value set in Black Enhancement. Background Removal/Clip - You may additionally reduce or improve the background contrast: set the value higher to set a brighter contrast, set lower to determine a low key contrast. Clip - The higher the clipping value, the more the images grey-to-white-values will become brighter and whiter. Color Saturation – Check the box Preserve Color Saturation to keep Color Saturation unaffected by any changes to Blackpoint and Whitepoint.	
	Gray Correction – Used to make simple gray adjustments to the gray output. Make adjustments to the Red/Green/Blue by typing values into the table.	
Step	Action	Illustration

Gamma Correction – - Gamma Correction - Allows the adjustment of color shifts in the middle tone range and to correct the brightness. - CMY-Mode – Enables the CMY functionality. For CMYK files the values will be directly given to the printer. - Snap to Gray - With Snap to Gray you can define how far the RGB values can differ. You may combine the two options.	Gamma Correction Gamma Correction: Red / Cyan: 0 Green / Magenta: 0 Blue / Yellow: 0 CMY-Mode: ☐ Enable CMY-Mode Snap to Gray: 0
Special Filter	Special Filter Special Filter Mode: ☐ Don't use Special Filter ☐ Sharpening Mode ☐ Smoothing Mode ☐ Adaptive Mode Low Level: 0 Limit Left: 0 Filter Radius: 0 Sharpness Level: 0 Smoothing Level: 0 High Level: 0 Limit Right: 0
	Don't Use Special Filter – Special filter is not used when this is selected Sharpening Mode – Used to make fuzzy picture clear. As outlines are enhanced, pictures become clearer. This setting increases the contrast between light and dark pixels and enhances the edge sharpness of text and lines drastically. 0 no sharpening 100 max sharpening. Default is 50. Smoothing Mode - To reduce image noise and distortions, and affects the whole picture contrast. Adaptive Mode - Is made of two unique filters, both possessing the features of Sharp and Smooth, whose intensity can be adjusted in the entry fields under Level. The upper entry field controls foreground objects that should be enhanced, such as text, whereas the lower field is for image backgrounds needing smoothing. With both filters, you will reach a maximum smoothing effect at 0 and a maximum sharpening effect at 100.

6.	Grayscale Settings – Grayscale Settings consist of: • Black/White Point • Special Filter • Advanced settings	
	▪ Blackpoint • Adaptive (BP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Blackpoint. • Custom Gray Value (BP) can be adjusted from 0 to 255. Setting this to a higher value will produce darker text. ▪ Whitepoint • Adaptive (WP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Whitepoint. • Custom Gray Value (WP) can be adjusted from 0 to 255. Setting this to a lower value will produce lighter text. ▪ Black Enhancement • The Black Enhancement enables you to edit black values. The lower the number the lighter the black. Clip will determine the new base black value depending on the black value set in Black Enhancement. ▪ Background Removal Used to tune background contrast (e.g. in order to further fine-tune text visibility) you may additionally reduce or improve the white to grey-values. The higher the clipping value, the brighter and whiter the image's most white elements will become.	
Step	Action	Illustration

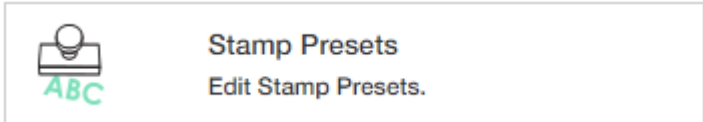
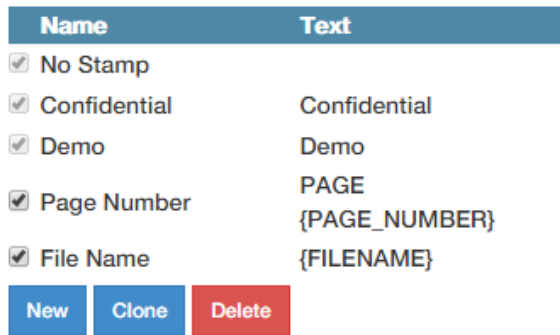
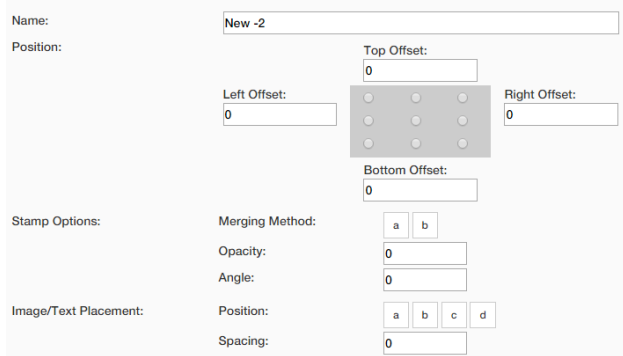
	Special Filter	
	▪ Don't Use Special Filter – Special Filter is not used when this is selected ▪ Sharpening Mode – Used to make fuzzy picture clear. As outlines are enhanced, pictures become clearer. This setting increases the contrast between light and dark pixels and enhances the edge sharpness of text and lines drastically. 0 no sharpening 100 max sharpening. Default is 50. ▪ Smoothing Mode - To reduce image noise and distortions, and affects the whole picture contrast. ▪ Adaptive Mode - Is made of two unique filters, both possessing the features of SHARP and SMOOTH, whose intensity can be adjusted in the entry fields under LEVEL. The upper entry field controls foreground objects that should be enhanced, such as text, whereas the lower field is for image backgrounds needing smoothing. With both filters, you will reach a maximum smoothing effect at 0 and a maximum sharpening effect at 100.	
	Advanced Area Adaptive Contrast – Allows for the control of: ▪ Radius ▪ Brightness ▪ Max Line Blackening ▪ Max Background Removal ▪ Invert – Changes light to dark and dark to light.	
Step	Action	Illustration

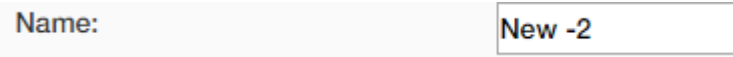
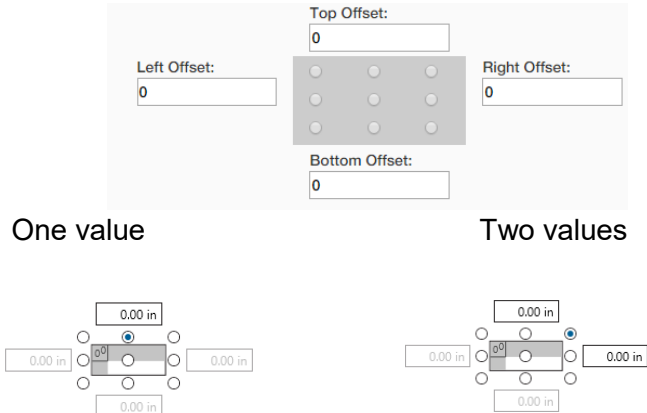
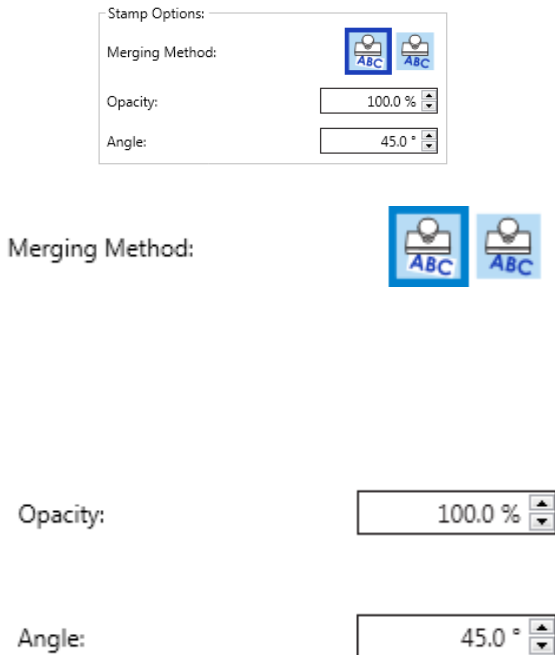
7.	Black/White Settings – Black/White settings consist of: • Scanner Options • Postprocessing	
	Scanner Options Note: The Scanner options in black and white mode are scanner dependent. All settings in this filter are transmitted to the scanner, where they are processed. The software is just the front end. Therefore, some settings may be not described; some settings may not be available.	
	▪ Original – Choose from Line, Line/Photo or Name ▪ Auto Threshold - When this option is activated, the scanner reads gray tones as follows: gray tones under the threshold turn to 0 (black), while all other gray tones turn to 1 (white). This mode suits lineart best. It should not be applied to photographs. We recommend an ink limit of 100% in this mode ▪ Background Removal - Used to tune background contrast (e.g. in order to further fine-tune text visibility) you may additionally reduce or improve the white to grey-values. The higher the clipping value, the brighter and whiter the image's most white elements will become. ▪ Sharpness – Used to sharpen the edge and enhance outlines. Use values from 0 to 4 with 4 being the most sharp. ▪ Despeckle – Removes dots based on scanner hardware settings.	

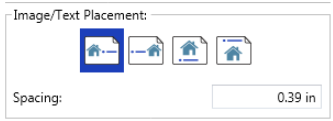
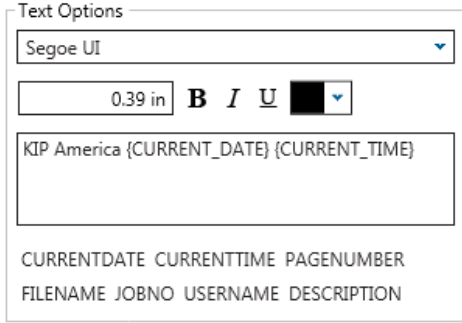
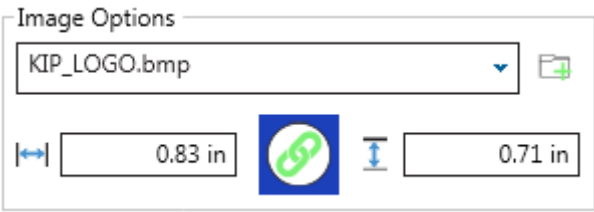
Step	Action	Illustration
8.	Postprocessing Settings consist of: - Despeckle - Hole Filling - Invert	 The screenshot shows the 'Postprocessing' settings window. It has a title bar 'Postprocessing'. Below it, there are three sections: 'Despeckle:', 'Hole Filling:', and 'Invert:'. Each section has a checkbox for 'Activate'. The 'Despeckle:' and 'Hole Filling:' sections also have a checkbox for 'All Pixel Neighbors', a 'Filter Size:' input field, and a 'Rel. Area Size:' input field. The 'Invert:' section has a checkbox for 'Invert'.
	Despeckle - This option removes black pixels in black & white mode, for example from scans of murky originals. The filter searches for groups of black pixels and converts them into white. Small-sized pixel groups, such as those forming punctuation dots, are kept. - All Pixel Neighbors - Pixels are connected neighbors when there is a series of 8 (instead of 4) adjacent pixels, i.e. additionally to pixels of the same row or column, the diagonally-adjacent pixels are considered to be connected. - Filter Size – It corresponds to the maximum "diameter" of the pixel area which is to be removed. - Rel. Area Size – This limits the proportion of the actual maximum number of pixels to the filter size. 0 represents the smallest possible surface relatively to the selected filter size. Hole Filling - This function makes it possible to remove single pixel-sized white holes from black areas in <i>b&w</i> mode. Hole Filling works like Despeckling except of not removing black pixels but white. Invert – This changes black to white and white to black (produces a negative of the image)	

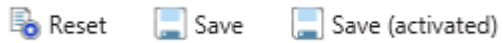
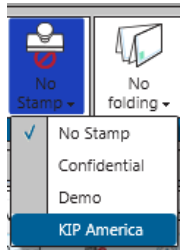
7.1c Stamp Presets

The Stamp Presets settings are used to create a new stamp that can be used on printed output. Once created the stamps will be chosen from the main KIP Print Pro job setup screens to be applied to the desired output.

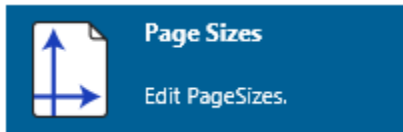
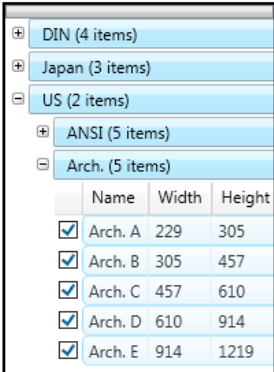
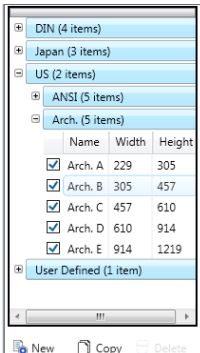
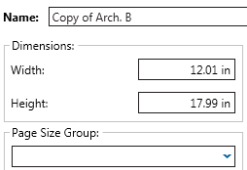
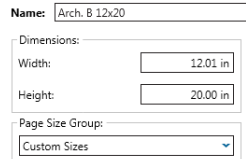
Step	Action	Illustration
1.	Select the Stamp Presets Icon	
2.	Once open this screen will show all of the pre-configured Stamps as well as allow for the creation of new presets.	
3.	Selecting the “New” icon will allow for the creation of a new Stamp Preset. Fill in the appropriate sections and select “Save” to save the Stamp Preset or Save (active) to save the Stamp Preset and make it active as well.	

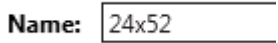
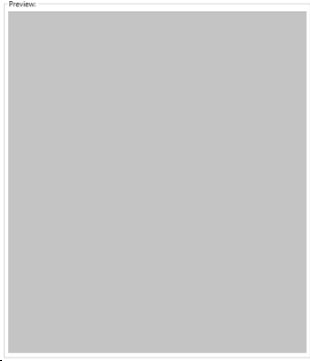
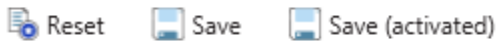
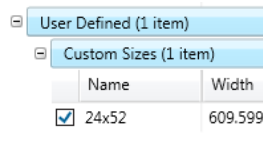
Step	Action	Illustration
4.	Name – This is the name that will be displayed in the Preset list of names.	
5.	Position – Choose from 9 radio buttons to place the stamp in the desired location. If a corner radio button is selected two values will become active to allow for better positioning.	
6.	Stamp Options – Merging Method Opaque (selected in illustration) – 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. Opacity – Used to control the darkness of the stamp. 100% being Black. Angle –Used to control the rotation of the stamp.	

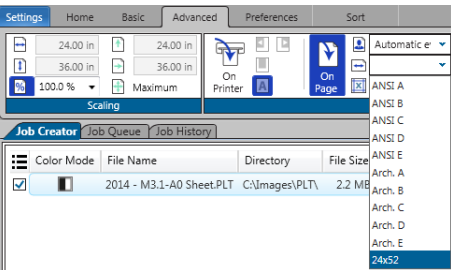
Step	Action	Illustration
7.	Image/Text Placement – If using an image as well as text, the position of both can be configured using the following: ▪ Image Left ▪ Image Right ▪ Image Top ▪ Image Bottom The Spacing between the two can also be set.	  
8.	Text Options ▪ Font Settings – Select from available installed fonts, size and Color (Color Printer Needed). ▪ Stamp Text – Add the text to be added. ▪ Placeholders – Macros that add specific information (.ex. Current Date).	
9.	Image Options – Select Image – Browse to the location to the image to be used. Image Size – Control the width and height of the image to be used (unlock to control independently).	

Step	Action	Illustration
10.	Save – Select “Save” to save the Stamp Preset or Save (active) to save the Stamp Preset and make it active as well or select Reset to start over.	 Reset Save Save (activated)
11.	Active Stamp – The Active Stamp will now be available for selection from the Basic screen as well as other KIP Applications. Note: KIP America is the Stamp just created.	 The screenshot shows a dropdown menu for stamp selection. The menu is open, displaying the following options: 'No Stamp' (with a checkmark), 'No folding', 'Confidential', 'Demo', and 'KIP America' (highlighted in blue). The background shows a portion of the software interface with a 'No Stamp' button and a 'No folding' dropdown.

7.1d Page Sizes

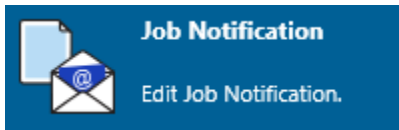
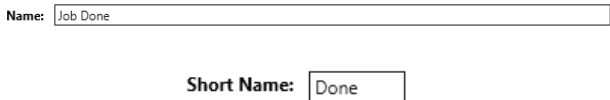
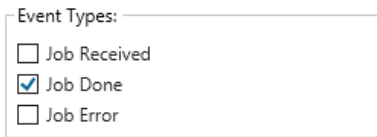
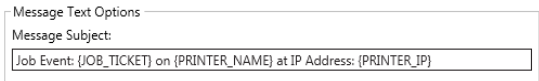
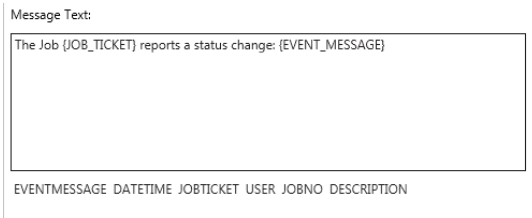
Step	Action	Illustration																								
1.	Page Sizes – Select the Page Sizes Icon from the Printer Information Screen.																									
2.	Preconfigured page sizes will be displayed on the left side of the screen. Note: If there are page sizes that will not be used unchecking these will remove them from the list of available sizes on the main Job Creator page.	 <table><thead><tr><th></th><th>Name</th><th>Width</th><th>Height</th></tr></thead><tbody><tr><td>☒</td><td>Arch. A</td><td>229</td><td>305</td></tr><tr><td>☒</td><td>Arch. B</td><td>305</td><td>457</td></tr><tr><td>☒</td><td>Arch. C</td><td>457</td><td>610</td></tr><tr><td>☒</td><td>Arch. D</td><td>610</td><td>914</td></tr><tr><td>☒</td><td>Arch. E</td><td>914</td><td>1219</td></tr></tbody></table>		Name	Width	Height	☒	Arch. A	229	305	☒	Arch. B	305	457	☒	Arch. C	457	610	☒	Arch. D	610	914	☒	Arch. E	914	1219
	Name	Width	Height																							
☒	Arch. A	229	305																							
☒	Arch. B	305	457																							
☒	Arch. C	457	610																							
☒	Arch. D	610	914																							
☒	Arch. E	914	1219																							
3.	Select New to create a new Page Size. Note: A new Page size does not always need to be created. It is possible to Copy an existing Page size and then edit it. Select the size to be copied (here Arch B and then select the Copy Icon. Original will be loaded Make necessary changes Save new page size.	   																								

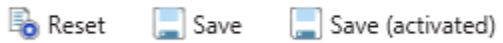
Step	Action	Illustration
4.	Name the new Page Size	
5.	Define the Dimensions	
6.	Create a Page Size Group. This is a group that the new Page size will be added to. For this example "Custom Sizes" was added here. More custom sizes can be created and then added here.	
7.	The Preview Pane will display the new Page Size.	
8.	Save – Select "Save" to save the Page Size Preset or Save (active) to save the Page Size Preset and make it active as well or select Reset to start over.	
9.	The new Page Size is created	

Step	Action	Illustration
10.	The New Custom size is now available from KIP Print Pro (and other KIP Applications)	

7.1e Job Notification

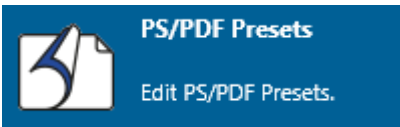
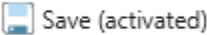
A Job Notification allows the user that sent the job to the KIP to be able to get notified when their job is being printed. A message can be created that will be sent out to all of the recipients on the list.

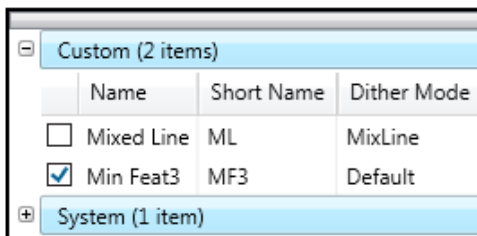
Step	Action	Illustration
1.	Job Notification – Select the Job Notification Icon from the Printer Information Screen.	
2.	Select the “New” icon	
3.	Name and Short Name – This is the name that will be displayed in the Preset list of names.	
4.	Select the Event Type that should trigger the sending of the notification.	
5.	Set the Message Text Options that will be the subject of the message to be sent.	
6.	Enter the Message that is to be sent to the recipient(s). Select the desired macros for the message as well.	
7.	Add the Recipients e-mail addresses.	

Step	Action	Illustration
8.	Include Job Owner – This works in conjunction with KIP Accounting (optional KIP software). When a user is created in KIP Accounting Center there is a spot for the Users e-mail. If entered and KIP PrintPro is requiring the users to log in when a job is submitted an e-mail will be sent when the users job is printed.	
9.	Save – Select “Save” to save the Job Notification Preset or Save (active) to save the Job Notification Preset and make it active as well or select Reset to start over.	

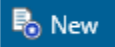
7.1f PS/PDF Presets

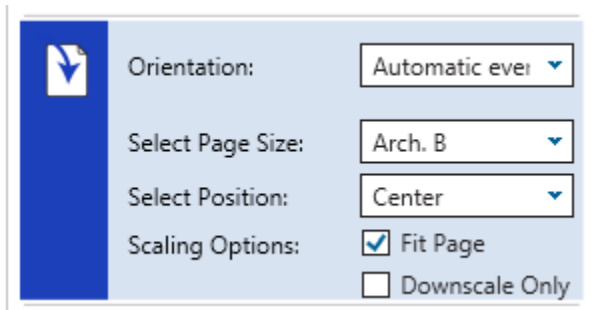
PS/PDF Presets are used to create specific settings that can be applied to Postscript files. These Postscript System Presets once created will work on PS/PDF files from KIP Print Pro and other KIP applications.

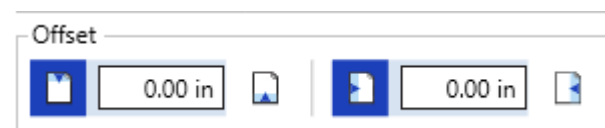
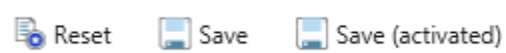
Step	Action	Illustration
1.	Select the PS/PDF Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name and Short Name – This is the name that will be displayed in the Preset list of names. The Short name is what will be displayed next to the PostScript button.	Name: Line Mixed Min Feature 2 Short Name: MLMF
4.	Select the desired PostScript options. Here the Dither Mode is changed to Line (Mixed).	Postscript Options: Dither Mode: Line (Mixed) Minimum Linewidth: 1 ☐ Apply Transparency Screen Frequency: 90.00 Minimum Feature Size: 2
5.	Save – Select “Save” to save the PostScript Preset or Save (active) to save the PostScript Preset and make it active as well or select Reset to start over.	 Reset  Save  Save (activated)

Step	Action	Illustration															
6.	The new PS/PDF Preset will be added to the list on the left of the screen. The New Custom size is now available from the KIP Print Pro (and other KIP Applications)	 <table><tr><th colspan="3">Custom (2 items)</th></tr><tr><th></th><th>Name</th><th>Short Name</th><th>Dither Mode</th></tr><tr><td>☐</td><td>Mixed Line</td><td>ML</td><td>MixLine</td></tr><tr><td>☒</td><td>Min Feat3</td><td>MF3</td><td>Default</td></tr></table> + System (1 item)	Custom (2 items)				Name	Short Name	Dither Mode	☐	Mixed Line	ML	MixLine	☒	Min Feat3	MF3	Default
Custom (2 items)																	
	Name	Short Name	Dither Mode														
☐	Mixed Line	ML	MixLine														
☒	Min Feat3	MF3	Default														

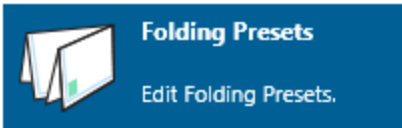
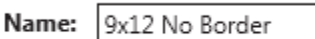
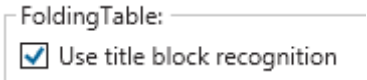
7.1g Scaling Presets

Step	Action	Illustration
1.	Select the Scaling Presets button from the Printer Information page.	 Scaling Presets Edit Scaling Presets.
2.	Select the New Button	
3.	Name and Short Name – This is the name that will be displayed in the Preset list of names. The Short name is what will be displayed next to the Scaling button.	Name: 55% Short Name: 55%
4.	Scaling Options – Select from the available selections: Width – Set the desired Width value. Height – Set the desired height value. Short Edge – Set the desired Short Edge value. Long Edge – Set the desired Long Edge value. Percentage – Set the desired Width. Maximum – Maximum width for selected roll or largest roll available. Note: You MUST click in the box to activate the field.	       Maximum

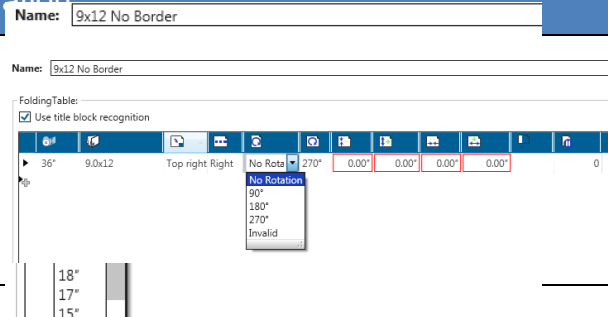
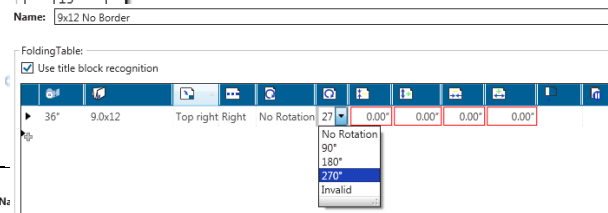
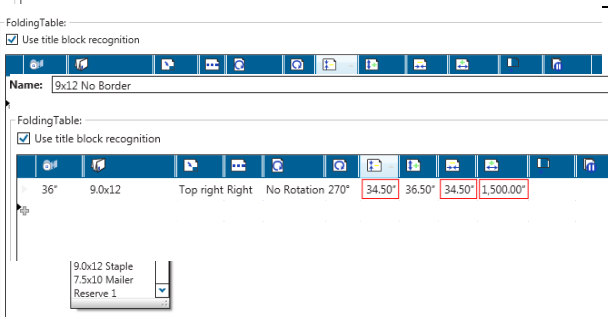
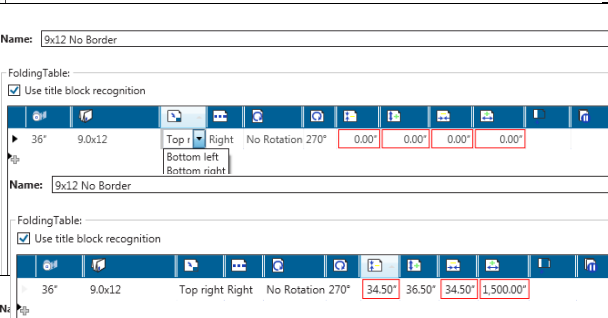
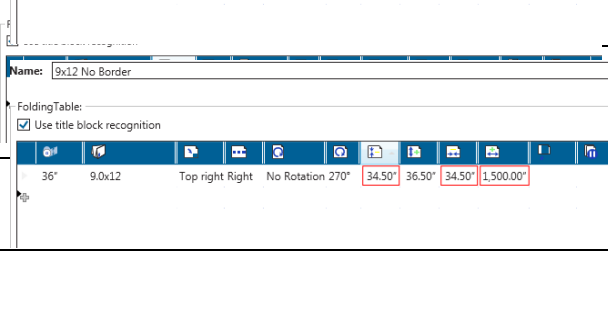
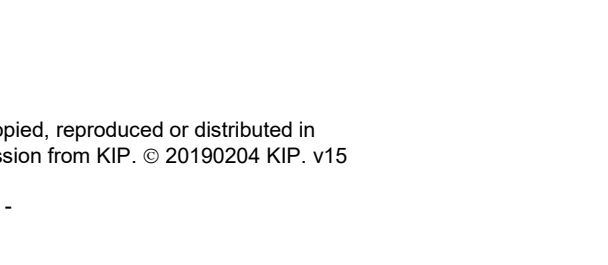
Step	Action	Illustration
5.	Placement Options On Printer Automatic – Auto placement based on page size. Align Left – Aligns output left based on page size. Align Center - Aligns output Center based on page size. Align Right - Aligns output Right based on page size.	
6.	On Page Orientation – Select from the following: Automatic Even – Places the image on the paper based on Short edge Automatic Odd– Places the image on the paper based on Long edge Select Page – Select the desired page size from the list. Select Position – Select the position to place the image from the available list. Scaling Options Fit Page – Fits the selected image to the page size selected. Downscale Only – Does not scale images originally smaller than selected settings.	

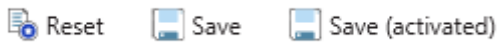
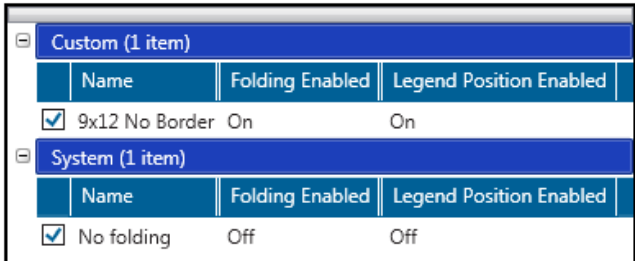
Step	Action	Illustration
7.	Borders – Apply Borders to the output to be printed. With the Preview loaded this will show the Borders being applied	
8.	Offset – Allows for the addition of margins to the Top, Bottom, Left and Right. Note: Applying an Offset margin will shift the image on the page clipping off the edged.	
9.	Save – Select “Save” to save the Scaling Preset or Save (active) to save the Scaling Preset and make it active as well or select Reset to start over.	

7.1h Folding Presets

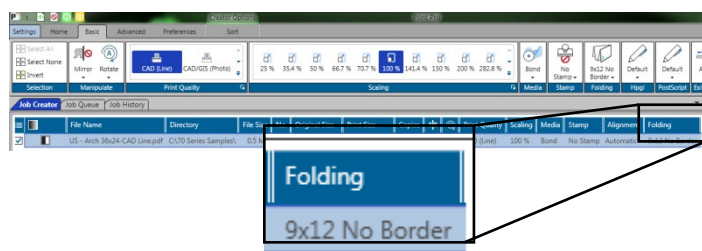
Step	Action	Illustration
1.	Select the Folding Presets button from the Printer Information page.	 A blue rectangular button with a white icon of a folded sheet of paper on the left. To the right of the icon, the text 'Folding Presets' is displayed in white, and 'Edit Folding Presets.' is displayed in a smaller white font below it.
2.	Select the New Button	 A small blue circular button with a white document icon and the word 'New' in white text.
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	 The text 'Name:' is followed by a text input field containing the text '9x12 No Border'.
4.	Use Title Block Recognition – Checking this box enables Auto Title Block Recognition/Location.	 A checkbox with a blue checkmark is selected. To its left is the text 'FoldingTable:'. To its right is the text 'Use title block recognition'.

Step	Action	Illustration
5.	Folding Table – This area is where all settings for the Fold Parameters are made.	1. 2. 3. 4. 5. 6. 7. 8. 9. 10.  11. 12.
	The Folding Table Icon Explained: - Media Width - Fold Packet - Title Block Location (Used when Title Block Recognition is checked) - Alignment – Used to shift the image Left, Center, Right when the image is smaller than the paper size. - Rotation – For Portrait View - Rotation – For Landscape View - Minimum Width / Short Edge (see note) - Maximum Width / Short Edge (see note) - Minimum Length/ long Edge (see note) - Maximum Length / Long Edge (see note) - Snap to Cut Length – Add blank paper to the trailing edge of the copy. - Inter Copy Delay – in tenth of a second for fast printers or when tab applicator option is used. Note: For #'s 7, 8 9, 10 – This configures the Minimum & Maximum for X&Y so that the software knows what size the drawing is and what roll size/fold packet/allignment/rotation/snap length/intercopy delay are applied.	

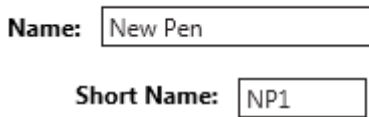
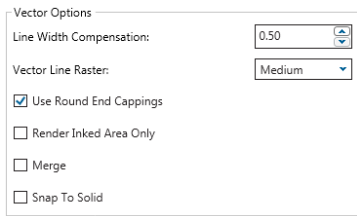
Step	Action	Illustration
Step	Action	Illustration
10.	Rotation for Portrait – allows for the setting of a rotation for Portrait documents.	
11.	Rotation for Landscape – allows for the setting of a rotation for Landscape documents.	
7.	Fold Packet – Allows for the selection of the fold packet to be used.	
12.	Minimum width or short edge Maximum width or short edge Minimum Length or long edge Maximum Length or long edge Note: This configures the Minimum & Maximum for X&Y so that the software knows what size the drawing is and what roll size/fold packet/alignment/rotation/snap length/intercopy delay are applied.	
8.	Title Block Location – Allows for the selection of the title block length/intercopy delay are applied.	
13.	Snap to Out Length – Add blank paper to the trailing edge of the copy.	
9.	Alignment – Allows for the setting is selected of Left, Right or Center for alignment.	
14.	Inter Copy Delay - in tenth of a second for fast printers or when tab applicator option is used.	
	Note: For this example this setting is not used.	

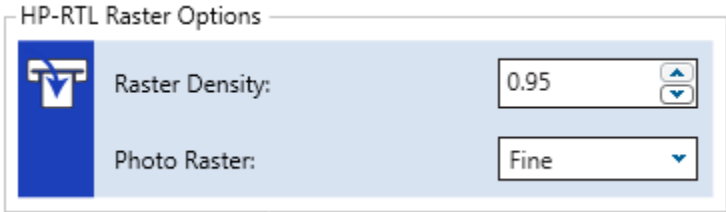
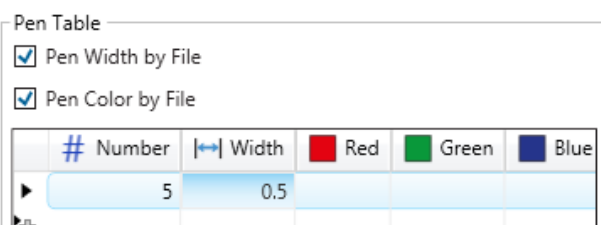
15.	Reset, Save, Save (activated) – If the settings are not correct select “Reset” to start over. Select “Save” to save the settings. Select “Save (activated)” to save the settings and have them be active and available for use.	
16.	New Fold Preset – the new fold Preset will now be displayed in the left hand column under Custom.	
17.	Folding from KIP PrintPro – Once the Folding Preset has been created and saved as active it can be selected and applied to jobs. Select the drop down arrow in the Folding button and pick the 9x12 No Border that was just created.	

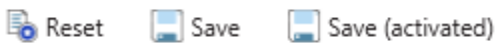
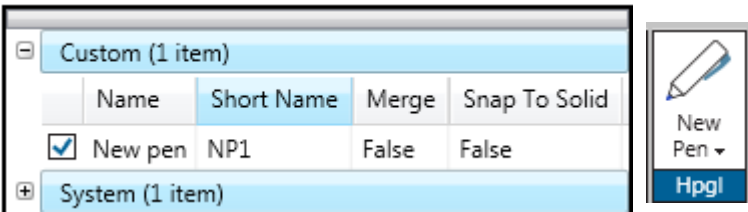
18. **Selected File** – The folding column will display the selected Fold Pattern being applied.



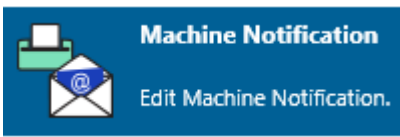
7.1i HPGL Presets

Step	Action	Illustration
1.	Select the HPGL Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name and Short Name – This is the name that will be displayed in the Preset list of names. The Short name is what will be displayed next to the HPGL button.	
4.	Vector Options – Select from the available selections:	
	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) Vector Line Raster - Users have 3 choices of dither output patterns. There is no 'correct' setting. Set according to user preference. Use Round End Capping – Forces end capping on lines in vector files to round ends. Render Inked Area Only – Crops the file data to the start of image data. Merge - 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. Snap to Solid – Used to create full tone colors for lines only.	

Step	Action	Illustration												
5.	HP-RTL Raster Options – Raster Density – Used to 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 Raster - Users have 3 choices of raster dither output patterns. There is no ‘correct’ setting. Set according to user preference.													
6.	Additional Parameters – Allows for the addition of specific HPGL switches to be used. (See Appendix for Parameters that may be used)													
7.	Pen Table – This section allows for the manipulation of specific pens if desired. Pen Width by File – Uses the pen table width provided within the file as it was created. Pen Color by File – Uses the pen color provided within the file as it was created. Manual – Allows the user to manually manipulate a specific pen or pens by entering the values for the Pen Number, Pen Width and Pen Color.	 <table><thead><tr><th>#</th><th>Number</th><th>Width</th><th>Red</th><th>Green</th><th>Blue</th></tr></thead><tbody><tr><td>▶</td><td>5</td><td>0.5</td><td></td><td></td><td></td></tr></tbody></table>	#	Number	Width	Red	Green	Blue	▶	5	0.5			
#	Number	Width	Red	Green	Blue									
▶	5	0.5												

Step	Action	Illustration
8.	Save – Select “Save” to save the HPGL Preset or Save (active) to save the HPGL Preset and make it active as well or select Reset to start over.	
9.	New Pen will be displayed in the left panel. This Pen is now available within the KIP Print Pro Application and other KIP Applications.	

7.1j Machine Notification

Step	Action	Illustration
1.	Select the Machine Notification Presets button from the Printer Information page.	
2.	Select the New Button	

3.	Name and Short Name – This is the name that will be displayed in	
Step	Action	Illustration
6.	Message Text Options – Use the default or enter a new message	
4.	Event Types – Select from the available event types that will	
7.	Message Text – Use the default or enter a new message text. Additional macros can be entered to modify the default message simply by selecting them from the	
	Media Empty - This will send a notification when the media runs out on the KIP Printer.	
	Paper Jam - This will send a notification when the paper jams on the KIP Printer.	
	Toner Empty - This will send a notification when the toner is low on the KIP Printer.	
	Waste Full - This will send a notification when the waste toner box on the KIP Printer is full (7800 Only).	
8.	General - Select "Save" to save the Machine Notification Preset or Save (active) to save the Machine	
5.	Recipients - Enter and make it Recipients (well email address that will be notified when this error occurs	
9.	New Notification will be displayed in the left panel.	
	This is now configured on the KIP System and a notification will be sent when this action occurs.	

Name: Media Empty

Message Text Options

Message Subject:

Printer Status: (PRINTER_NAME) at IP address: (PRINTER_IP)

☒ Media Empty

Message Text:

Printer Serial Number: (PRINTER_SERIAL_NUMBER)

The following event occurred: (EVENT_MESSAGE)

Please contact support if you need assistance.

EVENTMESSAGE PRINTERNAME PRINTERIP PRINTERSERIAL_NUMBER DEALERNAME
DEALERPHONE_NUMBER METERA METERA_UNIT METERB METERB_UNIT TOTALRUN
DATETIME

Reset

Save

Save (activated)

Recipients:

info@kipamerica.com

Custom (1 item)

Name

Short Name

Event Types

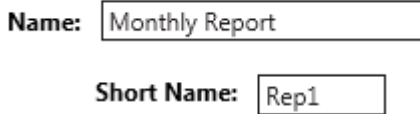
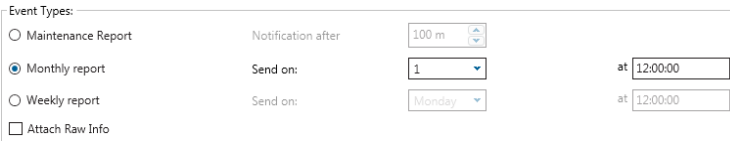
☒

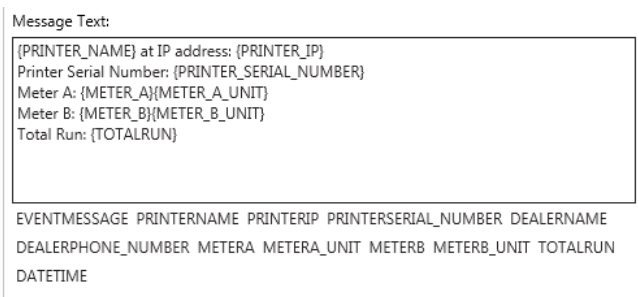
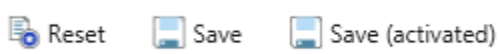
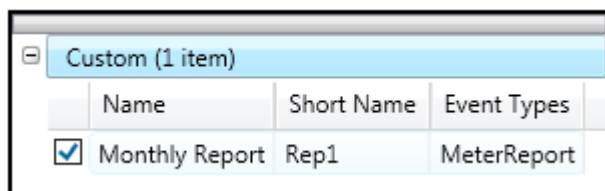
Media Empty

MOut

MediaEmpty, PaperJam

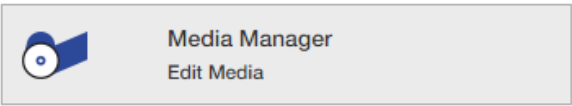
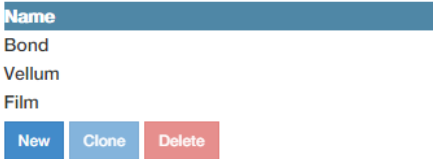
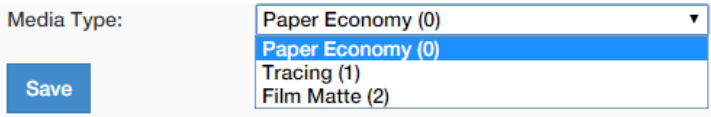
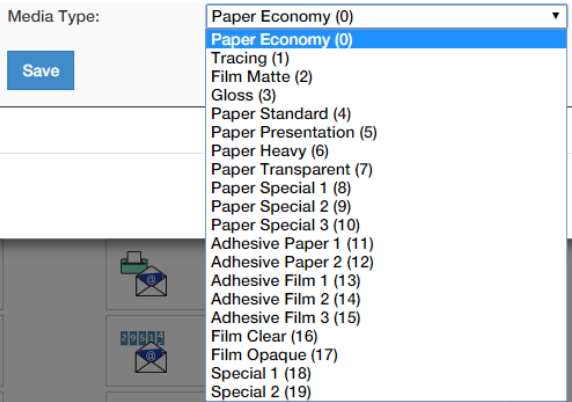
7.1k Metered Notification

Step	Action	Illustration
1.	Select the Metered Notification Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name and Short Name – This is the name that will be displayed in the Preset list of names.	
4.	Event Types – select from the available event types.	 Maintenance Report - This will send a notification out after the KIP Printer has run a predetermined amount in either Sq. Ft/Meters. Monthly Report - This will send a notification with all of the print data (determined by the settings in Message Text) on a specific date at a specific time. Weekly Report - This will send a notification with all of the print data (determined by the settings in Message Text) on a specific day at a specific time. Attach Raw Info - This will send an e-mail with all of the Raw Logs that can then be imported and used in Excel.

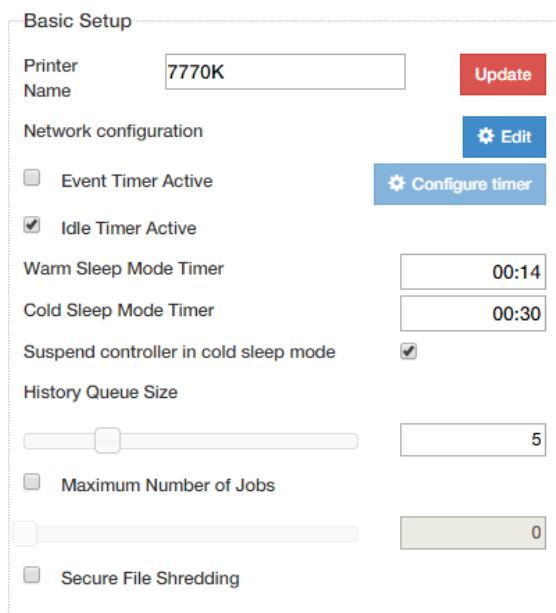
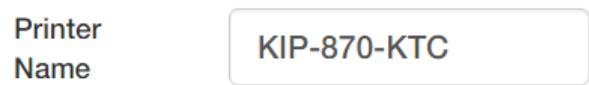
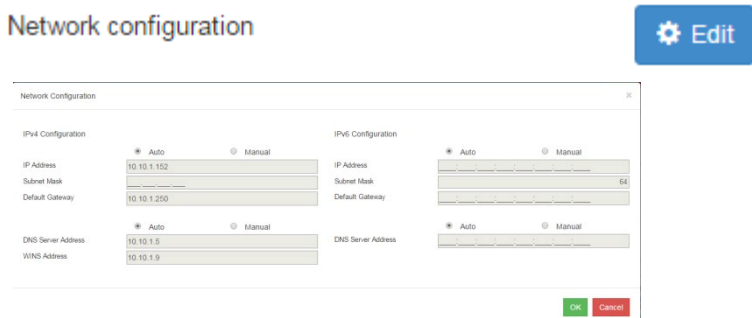
Step	Action	Illustration
5.	Recipients – Enter the recipient(s) e-mail address that will receive the e-mail.	
6.	Message Text Options – Use the default or enter a new message Subject.	
7.	Message Text - Use the default or enter a new message text. Additional macros can be entered to modify the default message simply by selecting them from the bottom of the message window	
8.	Save – Select “Save” to save the Metered Notification Preset or Save (active) to save the Metered Notification Preset and make it active as well or select Reset to start over.	
9.	New Notification will be displayed in the left panel. This is now configured on the KIP System and a notification will be sent when this action occurs.	

7.11 Media Manager

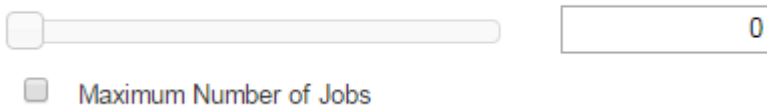
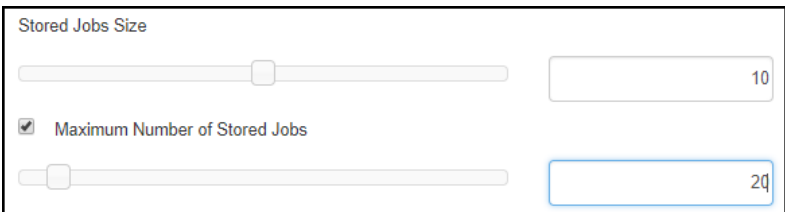
From the Media Manager screen, simply enter any media name then select a media group that closely resembles the required media. The system will automatically use the correct printer settings (fuser temperature, media tension, etc. assigned to that group) to achieve the best results.

Step	Action	Illustration
1.	Select the Media Manager button to add an unlimited amount of new medias.	
2.	Select the New Button	
3.	Name – Enter a name for the new media. This is the name that will be displayed in the KIP applications for selection.	
4.	Media Type – Using the Drop down arrow select the media that best represents the new media being added.	Black and White Printer:  Color Printer: 

7.2 System Setup – Logged in as Administrator

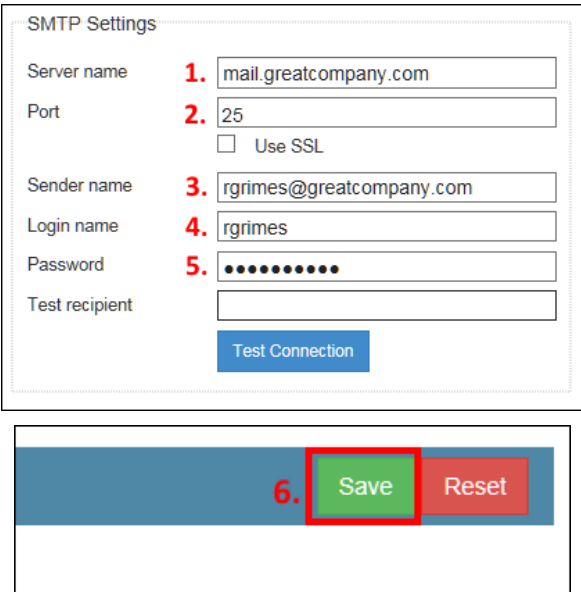
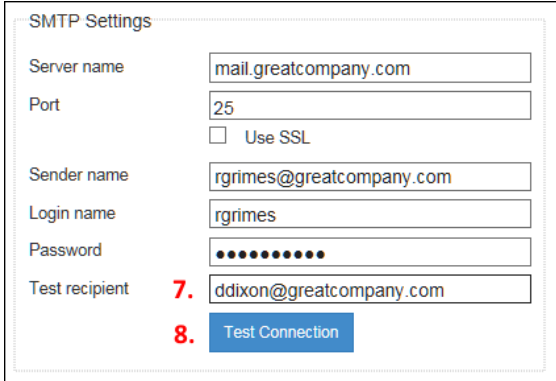
Component	Function
1. Basic Setup	 Basic Setup has many functions within this section. These are explained individually in this section.
2. Printer Name	 Displays the Printer name of the connected printer. Printer Name can be changed here. Select Update to change the Printer Name.
3. Network Configuration	 Used to set up IPv4 or IPv6 network communication.

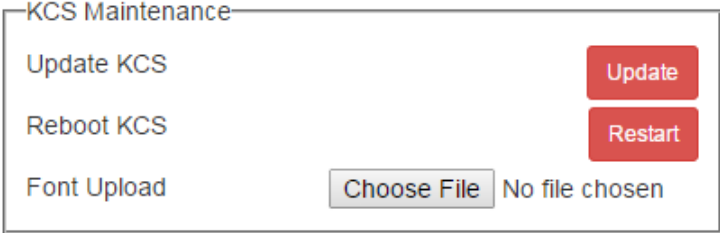
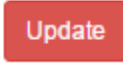
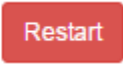
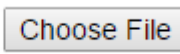
Component	Function																																			
4. Sleep Settings – Enable Event Timer	☐ Enable Event Timer Configure timer ☒ Enable Event Timer Configure timer Power Save Options ☒ Activate all ☐ Deactivate all ☐ All as Monday <table><tr><td>☒ Monday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr><tr><td>☒ Tuesday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr><tr><td>☒ Wednesday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr><tr><td>☒ Thursday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr><tr><td>☒ Friday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr><tr><td>☐ Saturday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr><tr><td>☐ Sunday</td><td>Power up at</td><td>09:00</td><td>Power down at</td><td>18:00</td></tr></table> OK Cancel	☒ Monday	Power up at	09:00	Power down at	18:00	☒ Tuesday	Power up at	09:00	Power down at	18:00	☒ Wednesday	Power up at	09:00	Power down at	18:00	☒ Thursday	Power up at	09:00	Power down at	18:00	☒ Friday	Power up at	09:00	Power down at	18:00	☐ Saturday	Power up at	09:00	Power down at	18:00	☐ Sunday	Power up at	09:00	Power down at	18:00
☒ Monday	Power up at	09:00	Power down at	18:00																																
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☒ Friday	Power up at	09:00	Power down at	18:00																																
☐ Saturday	Power up at	09:00	Power down at	18:00																																
☐ Sunday	Power up at	09:00	Power down at	18:00																																
	Enable Event Timer - If checked will enable the system wake time and the time the printer enters cold sleep. This can be set on a per day basis by selecting the Configure Timer button.																																			
5. Sleep Settings – - Warm Sleep Mode Timer - Cold Sleep Mode Timer - Suspend Controller in Cold sleep mode	☒ Enable Warm Sleep Mode Timer Warm Sleep Mode Timer 00:14 ☒ Enable Cold Sleep Mode Timer Cold Sleep Mode Timer 00:59 Suspend controller in cold sleep mode☒ Idle Timer Active – If checked will enable the system sleep timer for both warm and cold sleep. Example above is the default setting of Warm Sleep of 15 min and Cold Sleep of 1hr 30 min. Suspend Controller - When checked, initiates KCS sleep/standby (S3 mode) after machine is idle for duration of designated time of Idle Timer																																			

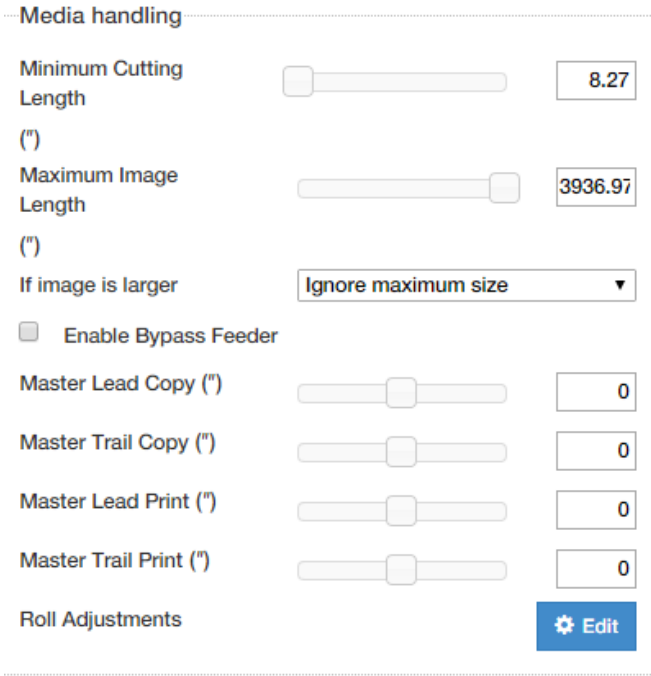
Component	Function
6. History Queue Size	History Queue Size  By Default the History Queue is off (Value set to 0). By moving the slider or entering a value (0 to 20 gb), a specific amount of hard drive space can be allocated for History. This will be allocated as FIFO and when full the oldest will be replaced.
7. Stored Jobs Size	 When set the Stored Job Size can be set from 0 (off) to 20 (gig) of space to be allocated on the Hard driver for stored jobs. In conjunction with the size the Maximum Number of Stored Jobs can also be set.
8. Secure File Shredding	☐ Secure File Shredding KIP's Image Overwrite technology overwrites data immediately after the job is processed with other information, so that the original large format job data (e.g. your print, scan, or copy job) is no longer available for recovery at all to ensure your data is secure. KIP's Image Overwrite technology is DOD 5220.22-M compliant.
9. Queue Privacy	☐ Queue Privacy When Active Queue Privacy will hide (cover with #####) secure data in the print queue. This way the logged in perso can only see the information on jobs in the queue with their name on them.

Component	Function
10. Other Machine Settings	Media Zoom: [Edit Button] Media zoom allows the user to change the aspect ratio of the print image by changing percentage of X and Y axis independently. • The user can adjust between 90% - 110% in units of 1%. • Adjustment for individual media types • Use this adjustment to compensate for environmental changes made to the media. • This adjustment effects both Copy and Print modes. - Use transport security [check box] • Checked = uses encrypted communication to and from the device. (SSL certificate encryption) • Unchecked= encryption not used Note: Requires proper DNS resolution for this option to function.

Component	Function
11. Image Expansion	Image Expansion ☐ Turn on Image Expansion Turn on Image Expansion [check box] With "Image Expansion" enabled the trail and side edge margin settings are ignored in the printer. This allows the LED to continue imaging the drum up to the trail edge and sides of the print. • The trail edge margin is set from factory to 5mm. (blank space at trail edge is 5mm) • When Enabled the productivity of the printer is reduced because the inner copy gap is increased. This allows the drum to be cleaned between each print. • This setting also affects the lead edge and the side margins of the print, along with the trail edge margin. Note: this feature is only available in B&W printers.

Component	Function
12. SMTP Settings	 The screenshot shows the SMTP Settings form with the following fields and values: - Server name: mail.greatcompany.com - Port: 25 - Use SSL: ☐ - Sender name: rgrimes@greatcompany.com - Login name: rgrimes - Password: [masked] - Test recipient: [empty] - Buttons: Test Connection, Save, Reset  The second screenshot shows the same form with the Test recipient field filled with 'ddixon@greatcompany.com' and the Test Connection button highlighted with a red box. This section must be filled out for email notifications to be sent. Enter information 1. Server Name - SMTP server information is supplied by customer's network administrator. 2. Port (note: Port number may vary. Use the valid port number provided buy e-mail provider) 3. Sender Name (Email Address) 4. Log In Name 5. Password 6. Save 7. Test Recipient email address 8. Test Connection button

Component	Function
13. KCS Maintenance	 KCS Maintenance has multiple functions within this section. These are explained individually in this section.
• Update KCS	Update KCS  Select the Update button to upload patches directly to the KIP KCS controller.
• Reboot KCS	Reboot KCS  Selecting the Restart button will reboot the KCS controller without having to power down.
• Font Upload	Font Upload  No file chosen Select fonts to be uploaded and installed to the local KIP. To add fonts, select the Upload Font button and browse the local workstation or server PC for .ttf (True Type Fonts). Select Open to install the fonts at the KIP. No further action is necessary at the KIP.

Component	Function
14. Media Handling	 The Media Handling has many function within it. These will be noted individually.
Minimum Cutting Length	 Minimum Cutting Length [slide bar] When setting minimum length consider the paper path, distance between drive rollers. - When folder is attached - When stacker is attached - Settings in (mm) or (") depending on PrintPro.NET page language.

Component	Function
Maximum Image Length	Maximum Image Length 236.22 (") Maximum Image Length [slide bar] Maximum cut length should match the capabilities of the printer. - Settings in (mm) or (") depending on PrintPro.NET page language. - Set to printer max print length
Enable Bypass Feeder	☐ Enable Bypass Feeder Enable Bypass Feeder [check box] Enables the cut sheet bypass on the printer
Roll Adjustments	Roll Adjustments Edit Roll Adjustments 1 0 Reset 2 0 Reset 3 0 Reset 4 0 Reset OK Cancel
	Roll Adjustments [Edit button]: Adjustment moves the image left (-) or right (+) to center on the media in case the media is offset on the paper core.

• Master Lead Copy • Master Trail Copy • Master Lead Print • Master Trail Print	Master Lead Copy (") Master Trail Copy (") Master Lead Print (") Master Trail Print (") Roll Adjustments Edit
	Master Lead Copy [slide bar] This adjusts the image position on the print and can affect the cut length. • Positive adds blank image to the lead edge increasing the print length. Trail edge is not affected • Negative cuts the lead edge off reducing the print length. • Available on MFP systems Master Trail Copy [slide bar] This adjusts the position of the image on the print and can affect the cut length. • Positive adds blank image to the trail edge increasing the page length. Lead edge is not affected • Negative cuts the trail edge off reducing the print length. Lead edge is not affected. • Available on MFP systems Master Lead Print [slide bar] This adjusts the image position on the print and can affect the cut length. • Positive adds blank image to the lead edge increasing the print length. Trail edge is not affected • Negative cuts the lead edge off reducing the print length. Master Trail Print [slide bar] This adjusts the position of the image on the print and can affect the cut length. • Positive adds blank image to the trail edge increasing the page length. Lead edge is not affected • Negative cuts the trail edge off reducing the print length. Lead edge is not affected.

Component	Function
15. SMNP Settings	Community - The SNMP Read-Only Community String is like a password. It is sent along with each SNMP Get-Request and allows (or denies) access to device. The KIP Printer is shipped with a default password of "public". (This is the so-called "default public community string".) Starting with The KIP Cost Center version 1.4.0.8 the community string can be set to something other than "public". Engine ID – Identifies the KIP Controller Name Minimum Accepted Protocol Version – Versions 1, 2 and 3 Password – Password associated with account Port – Assigned Port ID Conditional settings: • User Identification Protocol – • User Privacy Protocol – • User Name -

Component	Function
16. System Time Configuration	The System Time configuration is used to set the specific time and date where the KIP Printer is located. Note: Default is Eastern so it is very important to set this correctly if not in the Eastern Time zone.
17. Touch Interface Settings	Touch Interface Settings has many functions within this section. These are explained individually in this section.
Language Selection	Select from available languages to set the KIP printer in.

Component	Function
Default Screen	Default Screen HomeScreen ▼ HomeScreen MonoPrint MonoCopy MonoScan ColorPrint ColorCopy ColorScan Select the default screen that the system will open to when started or if the reset timer is being used.
Interface Reset Timer	☒ Interface Reset Timer 0:00 Setting a value in the reset timer will return the KIP to default settings when the timer is reached.
Enable Network Interrupt	☒ Enable Network Interrupt Check the box to allow network interruption of the queue.
18. Separator Sheets	Separator Sheets Print Set Separator Edit Print Job Separator Edit File Exclusion List: Print: Set Number Job Number File Name Total Output Don't Print: Requester Separator sheets can be configured to print between each set or after each job. Separator sheets contain information regarding current print job such as: - Set Number - Job Number - Requester - File Name - Total Output Note: The Separator sheet information can be edited by simply dragging the unwanted tag to the Don't Print window.

19. Output Options	
	Exit tray settings [Edit button] Allows user to set the output option on printers equipped with the front and back stacking - Edit button gives option to Enable or Disable "Front" and "Back" stacking. Stacking (dropdown list) Stacking sets the default output option, either Front or Back. - User can alter the output option per job if needed in KIP Print Pro. - If a Folder is attached, the control is determined by the job submitted. - Folding uses Back and No Fold uses Front stacking. Enable Folding [checkbox] Enables communication between the Folder and Printer through KCS - Not available on 770K

Component	Function
20. Special Modes	Special Modes ☐ Enable Low Temperature Mode ☐ Enable High Coverage Mode ☐ Enable H/H Environment Mode Enable Low Temperature Mode [check box] Enabling this mode will increase the inner copy gap allowing the fuser to reach proper fuser temperature between each print - This mode is available on 7770K, 7970K, 770K and 7170K Enable High Coverage Mode [check box] High Coverage Mode enabled allows more toner to be available on the Developer roller during high coverage printing. - This Mode is available on 7770K and 7970K Enable H/H Environment Mode [check box] Enabling this mode will move the media wait position close to the roll in decks 2 and 4 - This mode is available on 7770K, 7970K and 770K

7.3 Job Retrieval settings

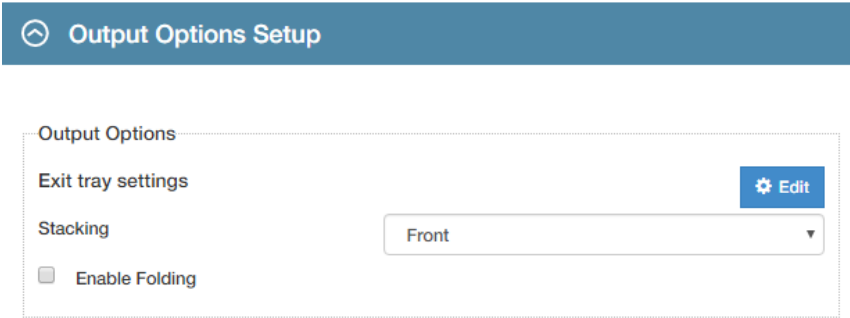
Component	Function
1. Job Retrieval	Job Retrieval Hotfolder Edit SmartPrinting Edit Note: please see the tutorial “Hotfolder Installation and Usage” on the KIP Website for Step-by-Step instructions. Hot Folder [Edit button] A folder location on the network that is monitored by the KCS for jobs The setting includes assigning a Template to this location so that any jobs dropped in this folder will take on the template job settings. Hotfolder Name ☐ HotFolder - 1 New Delete Name: HotFolder - 1 Path: \\Computername or IP\Foldername Use Authentication: ☒ Username: Domain\Username Password: ***** Template: Pin Print Reset Save Save (activated) Close

- Email Account Settings...
- Job Ticket Setup
- Delivery mode can be set to "Hold" in KCS mailbox or print by creating a job ticket.

Close

Component	Function
	Smart Printing (continued) 1. Enter Name of Mailbox 2. Enter the Email address and Account Type 3. Enter in Authentication for the E-mail Address 4. Enter how often you want this to check for e-mail to print 5. Enter Key words if necessary a. File= Enter name of File b. Copy= Enter number of copies c. Media= Enter Media to print on d. Zoom= Enter a zoom percentage (ex. 50%) e. PIN= enter PIN number (secure Printing) 6. Enter the Default Delivery Mode a. Move to KCS Mailboxes (hold) – Holds the file b. Create Job Ticket – Prints the file Note: Using Keywords in the body of the e-mail is not required. If an attachment is added to the e-mail and sent to the printers e-mail address if no keywords are present the attachment will print 1 print on the default media at 100%. If multiple files are to be sent using the keywords may be helpful. Example: Two files 1.pdf and 2.pdf. File=1.pdf, Copy=2, Media=Bond File=2.pdf, Media=Film, Zoom=50 This will produce 2 copies on Bond of 1.pdf and 1 copy of 2.pdf on Film at 50%

7.4 Output Options

Component	Function
1. Output Options	 • Exit tray settings – Select from Front or Back or both if a stacker is available. • Stacking – Set default to Front or Back • Enable folding – If a Folder is available select the checkbox to enable folding.

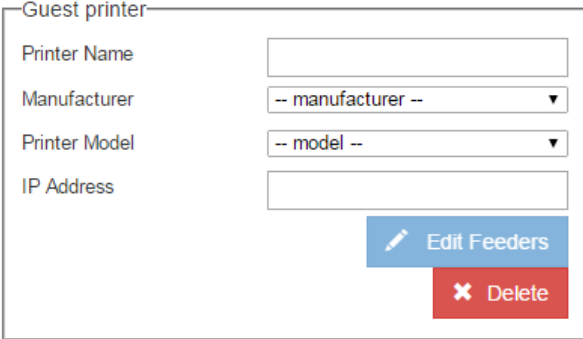
7.5 File Format settings

Component	Function
1. HDI Options	HDI Options ☐ Ignore Borders When selected this will ignore borders that may be in by default within the HDI (AC) driver.
2. File Exclusions	File Exclusions ☐ Don't show specific files Edit Exclusion List Used to determine which types of files will not be listed and appear in the system explorer window.
3. HPGL Options	HPGL Options Minimum Line Width: pt Minimum Grayscale: pt Minimum line thickness that may be printed. If line specified is thinner than configured setting, line thickness will be increased.
4. JPEG Quality	JPEG Quality <input type="range"/> 35 This feature is off by default but when turned on will apply to all scanned color files and reduce the output file size. Compression of 0 to 200 % is selectable, the larger the compression the larger the file size created.

7.6 Color Printer Setup

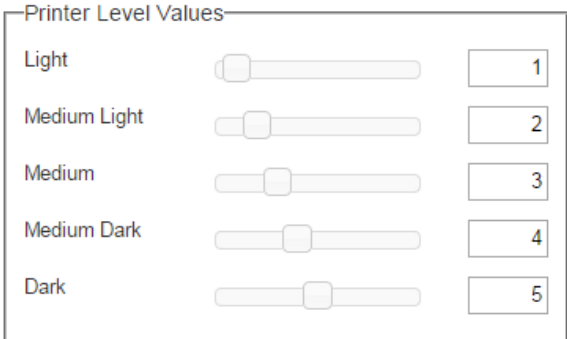
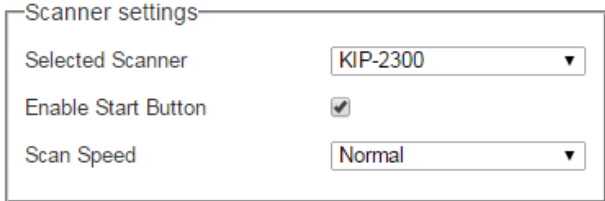
Color Printer Setup allows for the addition of Color Printer. This installed color printer will be used when making a direct color copy or direct color print from the Multi-Touch screen of the KIP Printer.

Note: this option is only available when connected to a B&W KIP Printer.

Component	Function
1. Select the plus (+) from the Color Printer Setup section.	
	Color Printer Setup has many functions within this section. These are explained individually in this section.
2. Guest Printer Information	 The Following window will allow for the setup of the Guest Printer (InkJet). Select the following settings: Printer Name – The name to be displayed for the Guest Printer. Manufacturer – Select from dropdown of available Manufacturers of the Guest Printer list. Printer Model – Select from the dropdown of available Printer models. IP Address – Enter the IP Address of the Guest Printer to connect to. Edit Feeders – Enter the roll size that will be used. Delete – Remove Guest Printer.

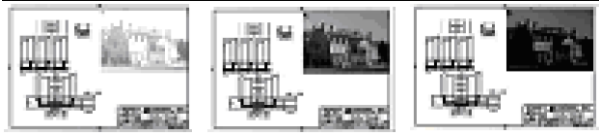
8 Service Settings – (Logged in as Service Tech)

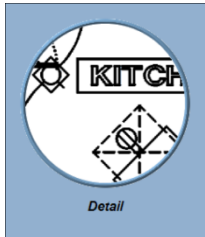
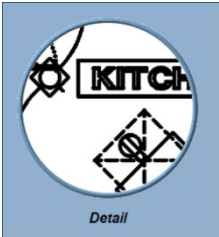
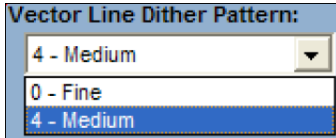
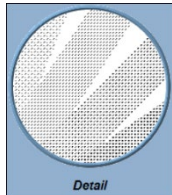
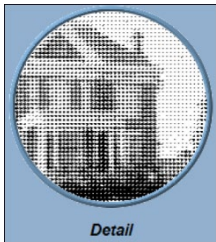
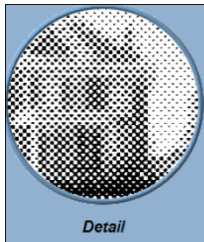
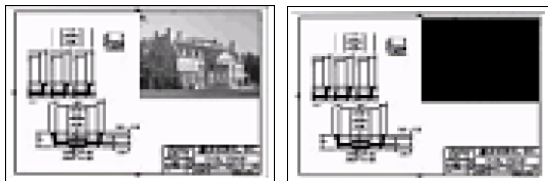
Component	Function
1. Dealer Information	Dealer Information Dealer Name KIP Website Name Website URL Customer Name Supplies Service  Dealer Logo Choose File No file chosen This section allows the Dealer to enter their information. This will be displayed for the customer on the Multi-Touch screen.
2. Copy Level Values	Copy Level Values Light <input type="range" value="1"/> 1 Medium Light <input type="range" value="2"/> 2 Medium <input type="range" value="3"/> 3 Medium Dark <input type="range" value="4"/> 4 Dark <input type="range" value="5"/> 5 This section allows for adjustments to be made to the Copy levels of the printer. This sets the Copy levels for all copies made.

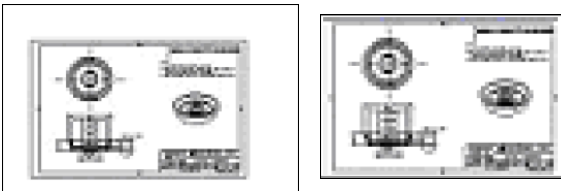
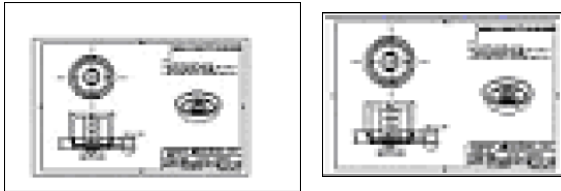
Component	Function
3. Print Level Values	 Printer Level Values Light <input type="range"/> 1 Medium Light <input type="range"/> 2 Medium <input type="range"/> 3 Medium Dark <input type="range"/> 4 Dark <input type="range"/> 5 This section allows for adjustments to be made to the Copy levels of the printer. This sets the printer density for all Network Print jobs
4. Scanner Settings	 Scanner settings Selected Scanner KIP-2300 Enable Start Button ☒ Scan Speed Normal There are several Scanner Settings within this section. These are explained individually in this section.
5. Selected Scanner	Selected Scanner KIP-2300 Allows user to select the scanner model connected to the KCS controller.
6. Enable Start Button	Enable Start Button ☒ The Start button on the top of the scanner unit can be enabled or disabled. Enable allows the start button on the scanner to function. This button must be pressed to start the scan process. Note: The Start button on the Touch Screen also functions when this button is enabled. Disable (unchecked box) turns OFF this function. User must press the Start button on the Touch Screen to start the scan process. - This option has no function if "Auto Start" is selected on the touch screen.

Appendix

HPGL Parameters – These settings can be used when creating a new HPGL Preset.

Value	What it does	Affect
-G # [,#]	Affects greyscale level of embedded raster images, and can also affect dithered lines. First value affects raster images. Second value, if applied, affects vector dithered lines. Format would be -G x,y	
-Y #	Minimal amount of grayscale shading. This can be a value from 0-9. 0 shows all grayscale gradations down to 3%. A value of 9 shows no grayscale gradations below 30%.	
-F #	Windows font name, needs quotes if name contains space characters	
-k	use Windows font	
-p #,#,# [...]	override pen setting, pen no/pattern(gray scale)/width in mm	
-u	Use pen overrides - This forces the settings in the KIP Pen Table to override the pen information originally embedded in the file.	
-c	use pen settings from plot file - This applies a file's native pen width information, and half toning information.	
	Note: -u and -c exclude each other, the last one specified is used	
-e	use line ends from plot file	
-. #	(Values 1-9) this is a minimum line thickness switch (value in pixels), This will not allow any line to be printed thinner than the minimum value set.	
Value	What it does	Affect

-W #	Affects vector line width by adding or subtracting pixels. Values (-3.0 to 3.0). This feature is now built into the Request Pen Table. - Choosing -1.0 will remove 1 pixel from vector data lines. - Choosing 3.0 will add 3 pixels to vector data lines.	Value 0.0  Value +2.0 
-Z #	Dither pattern for vector area (fills). This can be a value of either 0,4,6 or 8 from fine to coarse respectively. This value will probably match the -N setting, so that the vector line dither matches the vector fill dither.	
-N #	Affects the dither pattern of vector line fill. Values (0 = Fine, 4 = Medium).	Vector Line Dither Pattern:  
-h #	Affects the dither pattern of raster data. Values (0, 4, 6 or 8). 0 = Extra Fine 4 = Fine 6 = Medium 8 = Coarse	 
-a	Merge - This enables the user to merge lines of different shades.	
-P	Photo mode for raster – 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. Some raster images may need to be printed in 100% solid rather than the original shading of the image.	
-D #	Forces raster images to 300 DPI, to compensate for raster images looking 'squished' or out of place on some files created with HP drivers.	

-X	Forces a Clip and Fit, clips to image size and fits to the paper size use inked area size.	
-A	Use inked area size if smaller	
-r	make all non-white pens black (-r was "red" before, not used anymore, so we're borrowing it)	
Options not supported, since they will interfere with PrintPro operation (PrintPro cannot deal with sizes different from those reported for file details, unless it knows about any changes requested from its own UI): -d, -S, -B, -b, -R Calcomp options (-C) are not supported, because the Calcomp reader automatically detects start/end characters and checksum status, so those options are not needed. -D is supported, but can have an adverse effect if the whole page consists of an RTL, since it changes the page size. However, it may be useful for RTLs embedded into a vector page.		