



SYSTEM SOFTWARE



KIP ImagePro User Guide



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1 Introduction

KIP ImagePro is a one-stop, easy to use Software Application for Color and B/W Scan, Copy and Print functions. Standard features include Color and B/W Scan using any KIP 720 or KIP 2300 stand-alone scanner connected to your PC. Try out the Copy and Print functions by downloading Image Pro from any KIP System K printer using only a web browser. Upgrade by keycode to fully enable Copying of mixed sets of Color and B/W documents to KIP B/W or KIP Color systems. The keycode enables a full set of Technical Print tools for printing sets of documents and Graphics functions for Paneling, Nesting and Color Management.

Scan in Color and B/W

Optimize Color and B/W document quality using high production tools to manage image quality adjustments on-the-fly. Scan an Area of Interest, deskew and adjust settings to quickly snap text to solid black and clean up background to reduce processing time and minimize file size. Store documents directly on local, cloud or network storage locations using standard file explorer tools. Feed documents at high speed or reduce scanner speed for delicate originals to produce industry standard single or multipage PDF, TIF, and JPEG files at resolutions of 200 to 600 DPI.

Copy in Color and B/W


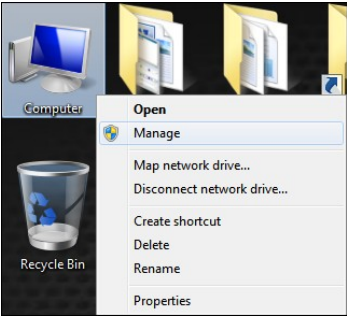
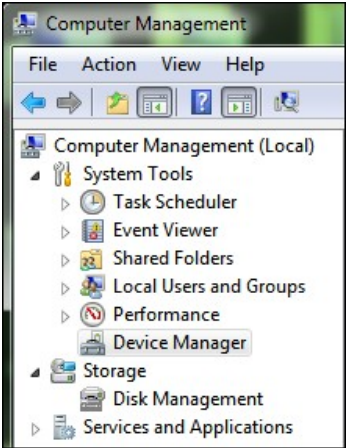
For use with KIP 720 and KIP 2300 scanners, KIP Image Pro can produce single copies and collated sets of hard copy technical documents to network connected KIP B/W and Color systems. Easily combine B/W and Color documents in a single job and add digital PDF, TIF, HPGL ½, and JPEG file data prior to releasing the job. Concurrent Copy and Print produces a set of check prints as each document is fed; instantly release multiple sets once the final document is scanned to immediately start production.

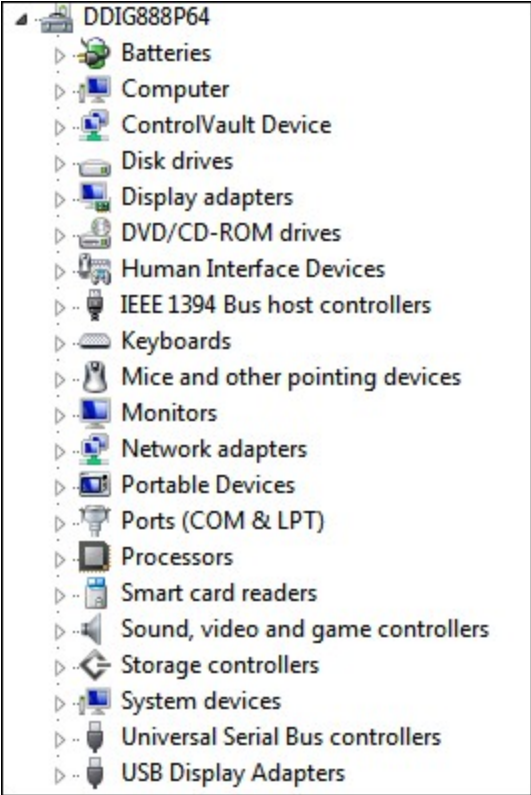
Technical Document and Graphic Poster Printing


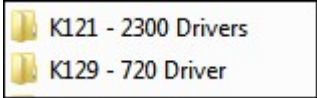
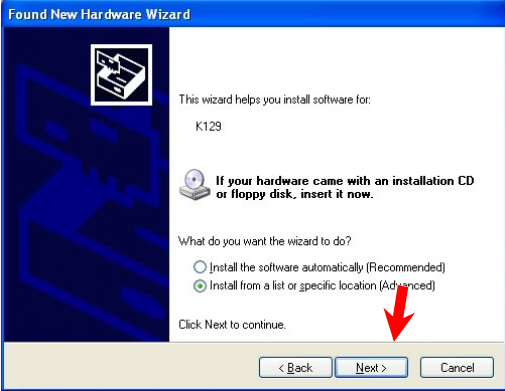
Simple presets for both Graphic and Technical documents provide easy operation with access sophisticated features. KIP Image Pro utilizes an intuitive print submission application to allow production printing of large groups of B/W and Color Technical documents. Use simple cut/paste or drag/drop functions to quickly organize large quantities of individual and multipage files into the correct print order. Adjust scaling, copy count, media, and print quality settings on a per page basis. Experts will appreciate the professional level Color Management tools to change ICC profiles, switch between color spaces and utilize color exchange functions to produce just the right colors. Advanced functions include selecting an area of interest, optimizing media usage with paneling documents across multiple rolls, or nesting multiple copies on specialty media. Install Image Pro at multiple PC's to access these print functions.


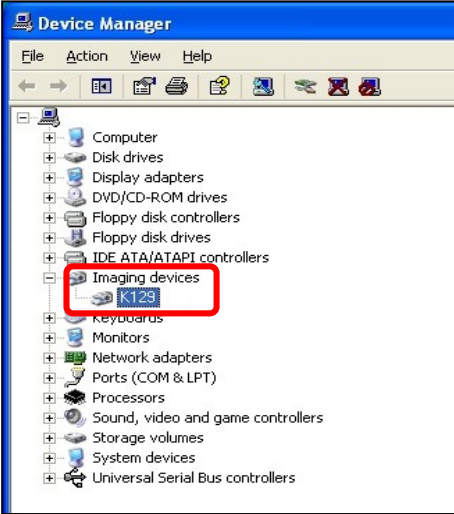

1.1 Installation of Scanner Drivers

It will be necessary to install the necessary scanner drivers on the PC for ImagePro to function properly.

Step	Illustration
<p>If ImagePro does not find a scanner, confirm the following.</p>	
<p>1. ImagePro – Scanner Drivers not loaded.</p> <p>Firmware: Blank</p> <p>Status: No connection</p> <p>Scanner: Unknown</p>	
<p>2. My Computer</p> <ol style="list-style-type: none"> 1. On the desktop right click on My Computer 2. Select Manage 	
<p>3. Select Device Manager</p>	

Step	Illustration
<p>4. Devices Middle Panel – There should be a device called “Imaging Devices”.</p> <p>No Imaging Devices exist.</p>	
<p>Follow these steps to install the KIP Scanner Drivers. Note: this is the same procedure for the 720 (K129) scanner and the 2300 (K121)</p>	
<p>5. Connect the scanner to the PC through the USB cable.</p>	
<p>6. Turn on the scanner.</p>	

Step	Illustration						
<p>7. Found New Hardware Wizard starts. Choose “No, not this time.”</p> <p>Next</p>							
<p>8. Insert the Software and Operation Guide DVD to the DVD drive, or put your USB removable storage (with the necessary files in it) to the PC.</p>							
<p>9. Choose “Install the software automatically (Recommended)” and press [Next].</p>	 <p>If the driver software is not detected automatically, select “Install from a list or specific location (Advanced)”, and locate either of “stiK129x64.inf” or “stiK129x86.inf”.</p> <table border="1" data-bbox="763 1591 1507 1717"> <tbody> <tr> <td>Folder “x64”</td> <td>stiK129x64.inf</td> <td>for 64-bit edition OS</td> </tr> <tr> <td>Folder “x86”</td> <td>stiK129x86.inf</td> <td>for 32-bit edition OS</td> </tr> </tbody> </table>	Folder “x64”	stiK129x64.inf	for 64-bit edition OS	Folder “x86”	stiK129x86.inf	for 32-bit edition OS
Folder “x64”	stiK129x64.inf	for 64-bit edition OS					
Folder “x86”	stiK129x86.inf	for 32-bit edition OS					


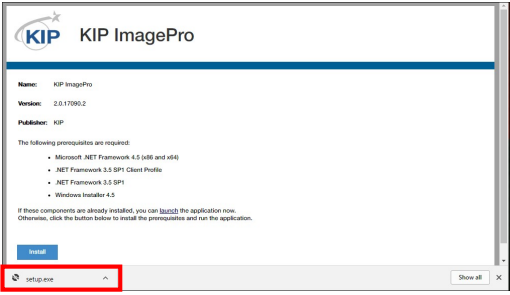
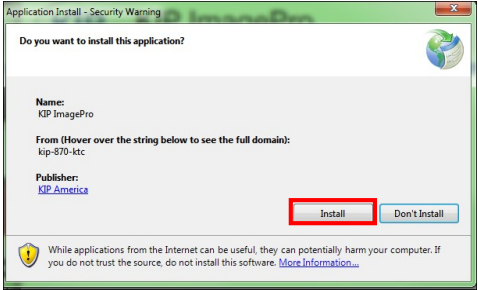
Step	Illustration
<p>10. If the notification for Windows Logo testing appears, press [Continue Anyway].</p>	
<p>11. When the installation is completed, press [Finish].</p>	
<p>12. Open “Device Manager” (Control Panel → System, for example) and confirm that “K129” is added under Imaging devices.</p>	
<p>13. ImagePro Connection – Scanner drivers loaded</p>	

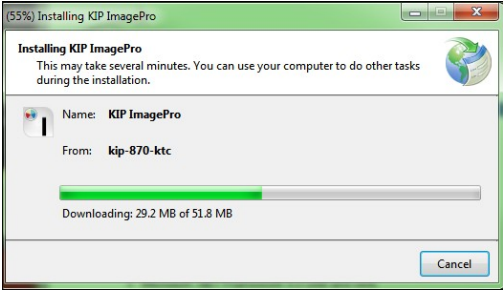

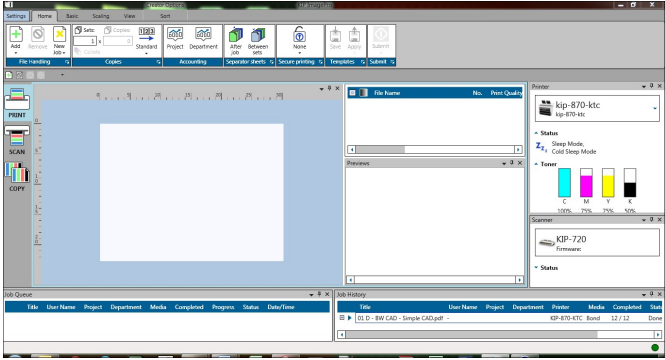
1.2 Installation of ImagePro Software

There are two methods that can be used for installation of the ImagePro Software the first method is the recommended method as it will allow for the automatic update of the software if the KIP printer is updated to a newer version.

The following are general steps of the installation of KIP ImagePro VIA KIP PrintPro.Net (recommended method).

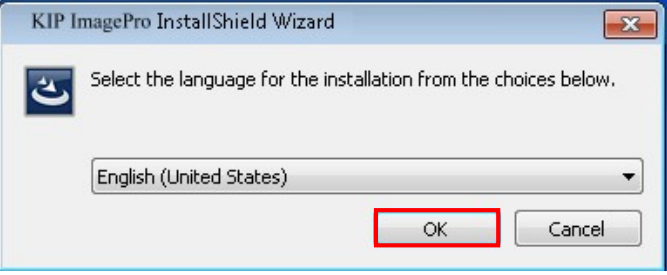
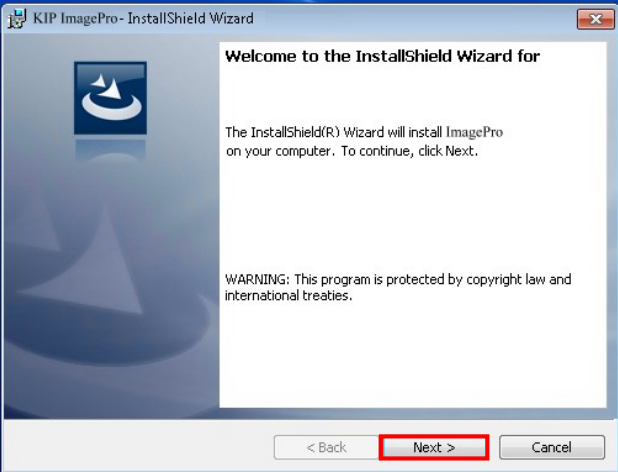
Method 1

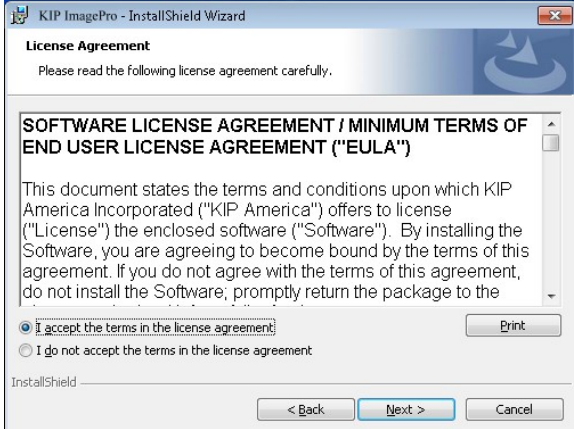
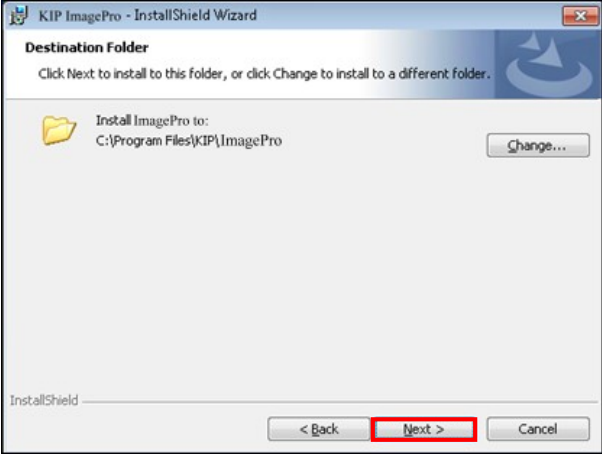
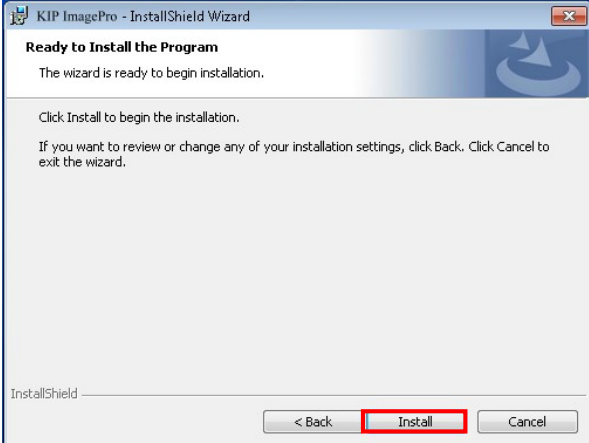
Step	Action	Illustration
1.	<p>Open a Browser and Connect to the KIP Printer by Printer Name.</p> <p>Select the Install button.</p>	 <p>Note: it is necessary to connect via printer name and not Printer IP Address. DNS Name resolution will be necessary on the customer's network.</p>
2.	<p>The installer will be downloaded and the Setup.exe will be in the bottom bar.</p> <p>Select the Setup.exe</p> <p>Note: some browsers will launce setup.exe automatically.</p>	
3.	<p>Select the Install button to begin the software installation</p>	

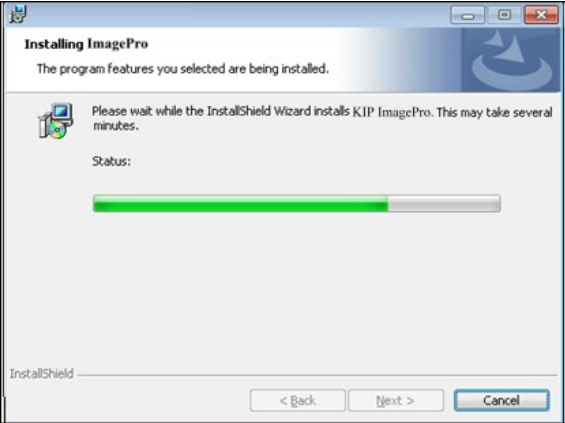
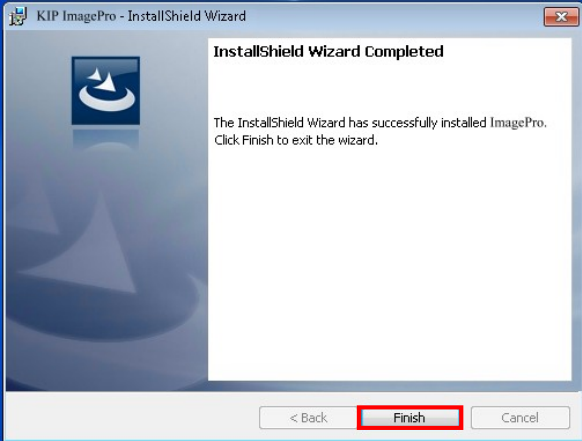

Step	Action	Illustration
4.	The installation will begin and when completed the software will automatically open.	
5.	Splash Screen of ImagePro opening.	
6.	Application open and connected to the KIP.	
7.	<p>Note: When the install method used is via PrintPro.net using the Printer Name, if the printer is updated to a newer version of Software, the workstations will be updated automatically on first launch.</p> <p>How does Auto Update work - What Conditions are needed?</p> <ol style="list-style-type: none"> 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. 	

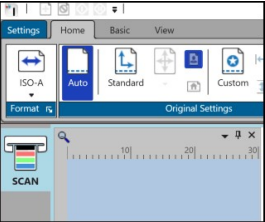
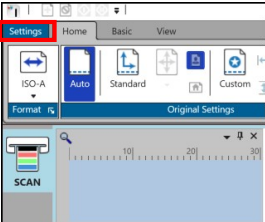
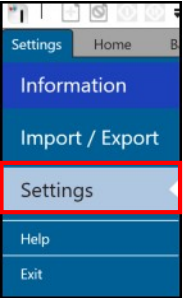


Method 2

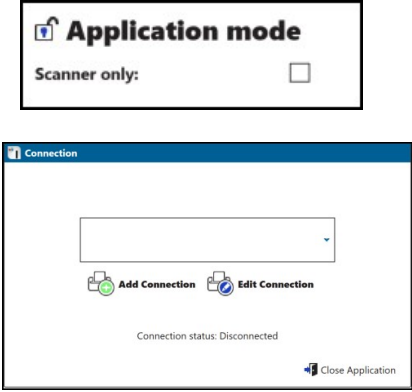

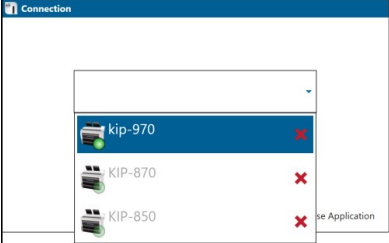

The following are general steps of the installation of KIP ImagePro Using the MSI installer. This method of installation **does not** allow for automatic updates to the ImagePro software. If the KIP printer is updated the workstations will have to be updated to the matching version manually.

Step	Action	Illustration
1.	Double click the installer for the KIP ImagePro and set the desired language	 <p>Note: The language of the KIP System must be the same as the PC that the ImagePro is also installed on. As an example, if the KIP System is in the Japanese language then the PC with ImagePro must also be in Japanese.</p>
2.	When the Welcome screen opens select the “Next” button to continue.	

Step	Action	Illustration
3.	The installer will run installing the application. When prompted, accept the terms of the license agreement and select "Next".	
4.	Select the desired location of the install package or leave this as default (recommended) and select "Next" when prompted.	
5.	Select the "Install" button to begin install.	

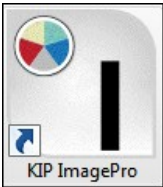
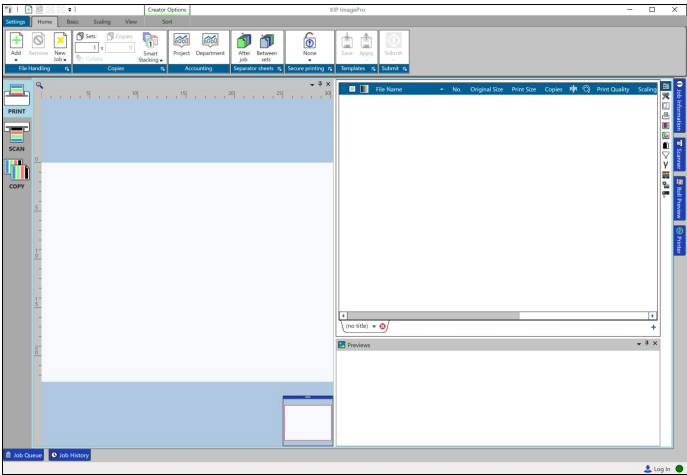
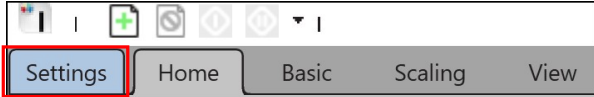
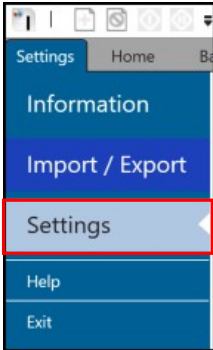
Step	Action	Illustration
6.	The install progress will be displayed.	
7.	When installation is finished select "Finish" to complete the installation.	
8.	The KIP ImagePro shortcut will be placed on the desktop.	
9.	Note: when KIP ImagePro is installed using the MSI installer once loaded it will have to be connected to the KIP Printer Manually.	



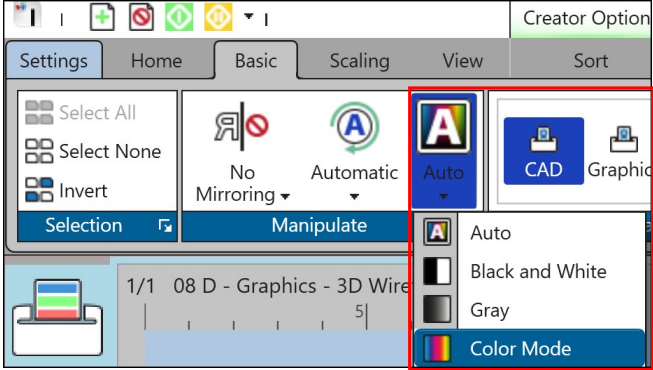
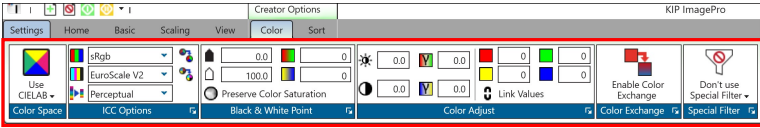
Step	Action	Illustration
10.	KIP ImagePro will open in Standalone Scanner mode (no printer attached)	
11.	Select "Settings" in the top Left corner	
12.	Select "Settings" from the Left side.	
13.	<p>Under Application Mode, note that Scanner Only is grayed out and locked in the ON position (for Scan Functionality). Select the Lock Icon to UNLOCK the Application Mode. This will unlock this section to allow you to enable Printing and disable the Scanner Icon.</p> <p>Click ON the lock. This will unlock this section.</p>	<p>Locked  Application mode Scanner only: <input type="checkbox"/></p> <p>Unlocked  Application mode Scanner only: <input checked="" type="checkbox"/></p>

Step	Action	Illustration
14.	<p>Next un-select the checkbox next to Scanner Only, this will disable the Scanner Icon (on the main UI). Do this if the workstation is NOT connected to a KIP Scanner and will only be used for printing from KIP ImagePro.</p> <p>This will open the Connection window.</p>	
15.	<p>Next, it will be necessary to select "Add Connection". This will search the network for available KIP printers.</p>	
16.	<p>Select the Dropdown and then select the necessary printer to connect the application to.</p>	
17.	<p>Once selected this will connect the KIP ImagePro Application to the KIP Printer selected.</p>	

1.3 How to Enable Expanded Mode.

The KIP ImagePro software once installed by default will be in Standard mode for determining output of the files being printed. Standard mode allows for the selection of Auto, B&W, Gray and Color modes. However, the KIP ImagePro software has an expanded mode that can be turned on for full color options. To enable the expanded mode, do the following:

Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Settings" tab.	
4.	Once the settings tab is open on the left side of the screen there will be a new Settings tab. Select this new "Settings" tab.	

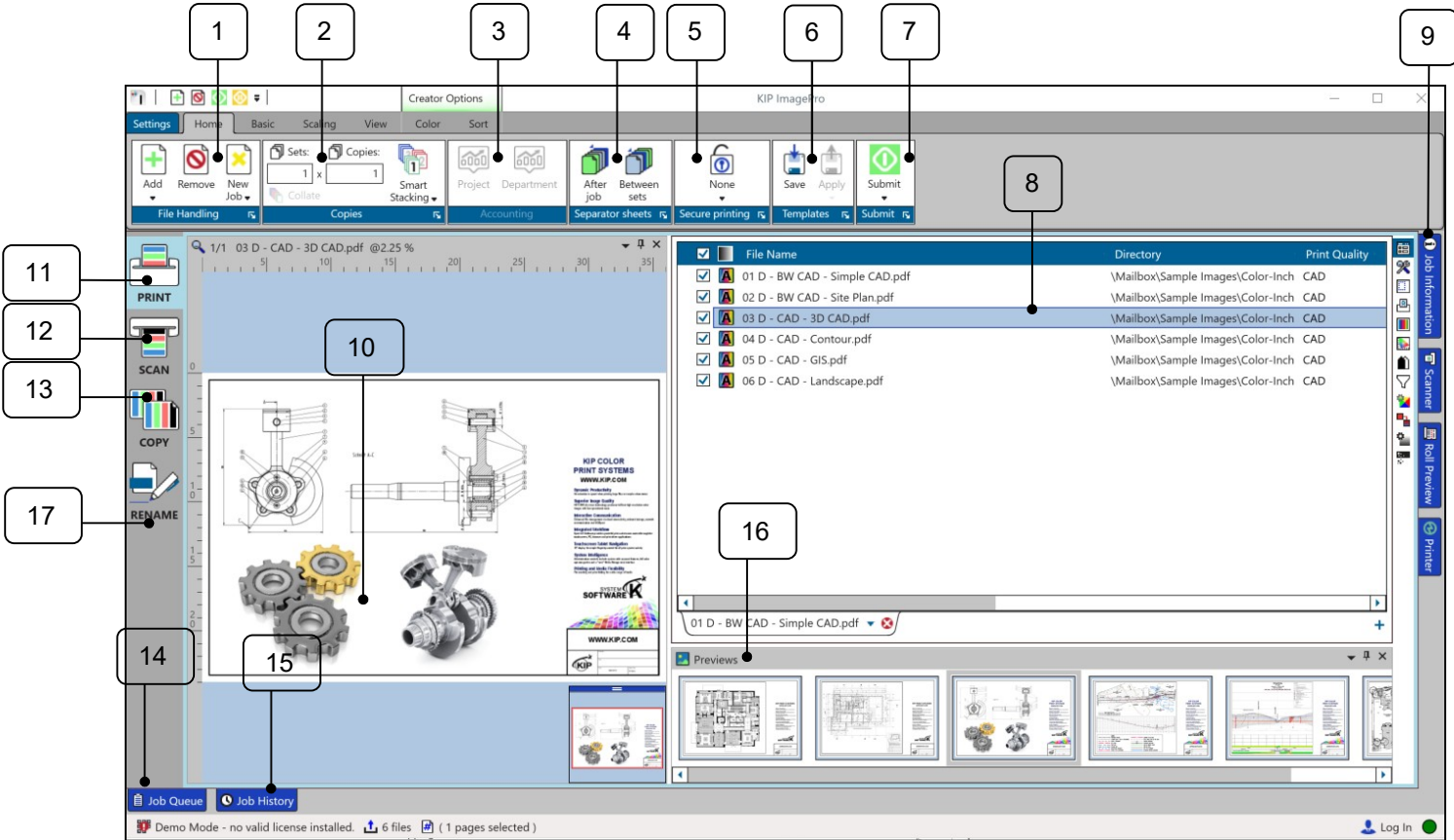
Step	Action	Illustration
5.	<p>Once the settings tab opens, under “Preferences” select the dropdown menu for “User Interface Mode”. Change this from Standard (default) to Expanded.</p>	<p>Default</p>  <p>Changed to Expanded</p> 
6.	<p>ImagePro – Standard Mode</p> <p>General color options:</p> <ul style="list-style-type: none"> • Auto – Uses output based on file creation • Black and White – Send files as B&W • Grey – Send files in Greyscale mode • Color Mode – Send files in Color mode <p>ImagePro – Expanded Mode</p> <p>Allows for more in-depth color manipulation.</p>	<p>Output Options:</p>  <p>Output Options:</p> 
<p>Note: In Print Mode, the following will be enabled in the Expanded mode and disabled in the Standard mode:</p> <ul style="list-style-type: none"> - Basic Tab = Tech Label - Scaling Tab = Offset, Nest, Panel - Color / B&W Tab = the entire Tab 		


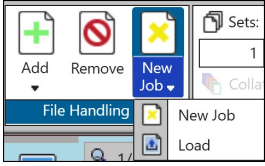


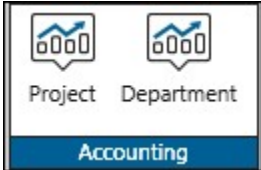

2 Print


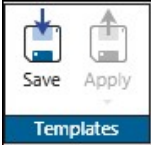
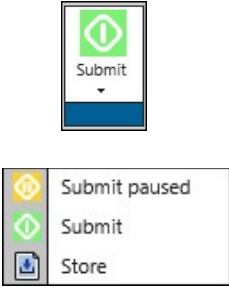
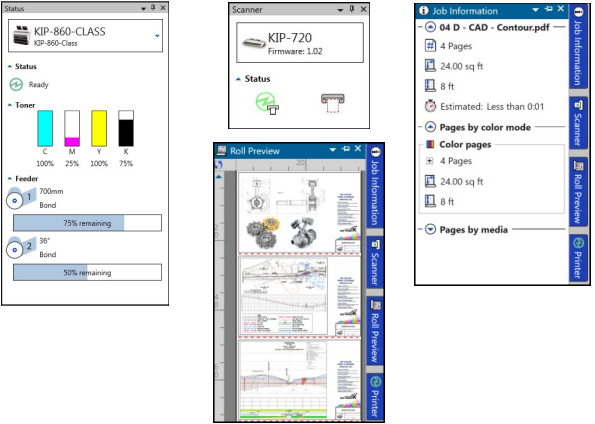
The Print tab displays all the available options for Print

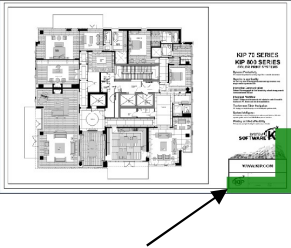



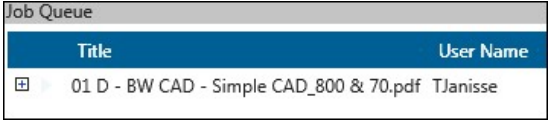

(Note: Printer and Scanner Status as well as Job Queue and Job History are hidden by default but shown in screen shots in the docked position for this manual. Please see section 5 for further details). Please also note for the purposes of this manual all information is in the Expanded mode to show all features.

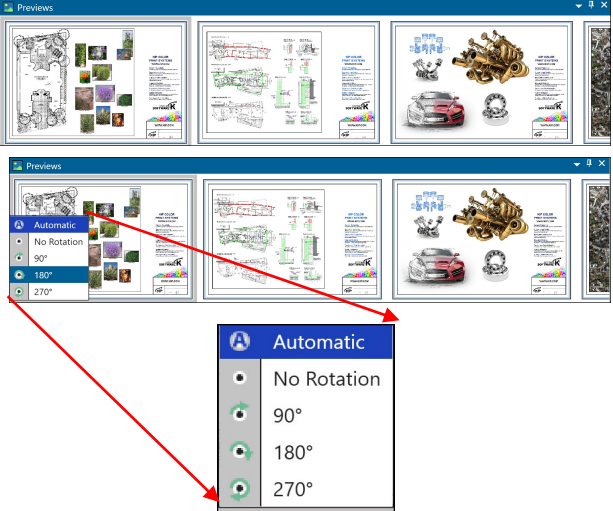

2.1 Home Tab



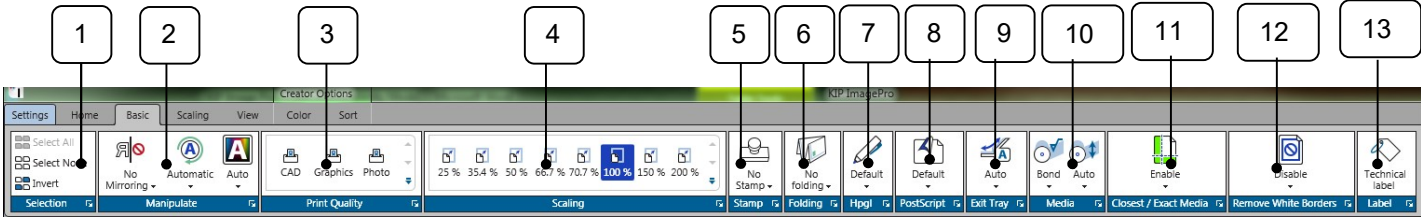
Step	Action	Illustration
<p>1. File Handling</p> <ul style="list-style-type: none"> • Add • Remove • New Job button/dropdown 	<p>Used to add files and create a print job.</p> <p>Note: Dropdown Arrow allows for selection of how to select files to be added. Add – Default KIP File picker. Add Standard – Windows file picker (does not allow selection of files from the KIP Printer).</p> <p>Used to remove a file from the current print job.</p> <p>Used to create a new Tab (New Job, up to 4 can be added) So multiple jobs can be worked on at once. Also, from the dropdown it is possible to load a previously saved job.</p>	 
<p>2. Copies</p> <ul style="list-style-type: none"> • Sets (Collate) • Copies • Order 	<p>Used to set the number of copies as well as the number of sets and if Collate will be on or off.</p> <p>Note: when set to more than one set, collate is on by default. If desired this can be turned off so the files will not be collated.</p> <p>Standard - 1,2,3 Reverse - 3,2,1</p> <p>Smart Stacking – First page always on top, based on paper exit.</p>	 
<p>3. Accounting</p>	<p>If Accounting is being used these fields may need to be filled in, to submit job. Administrator/Service Technician has the ability to turn on requirements.</p>	
<p>4. Separator Sheets</p>	<p>Used to send a Separator Sheet after the Job or after the Set.</p> <p>Note: Printed on smallest roll available or the size can be controlled by Administrator/Service.</p>	




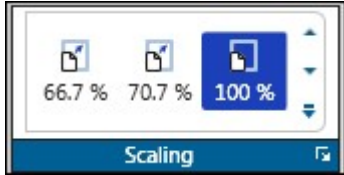
Step	Action	Illustration																														
<p>5. Secure Printing</p>	<p>Used to set a requirement that either a user name or a password must be entered at the print queue to allow the job to be released.</p>																															
<p>6. Templates</p>	<p>Used to Save/Apply a Template that contains all the selected settings so that it can be applied later.</p>																															
<p>7. Submit</p> <ul style="list-style-type: none"> Submit Submit paused Store 	<p>Used to Submit job to the KIP Printer</p> <p>Submits the job in a paused state.</p> <p>Stores the job with all current settings so it can be re-printed</p>																															
<p>8. Job Matrix (Job Build Area)</p>	<p>Displays Selected files and settings associated with each file.</p>	<table border="1"> <thead> <tr> <th>File Name</th> <th>No.</th> <th>Print Quality</th> <th>Original Size</th> <th>Print Size</th> <th>Media Size</th> </tr> </thead> <tbody> <tr> <td>03 D - CAD - 3D CAD.pdf</td> <td>1/1</td> <td>CAD</td> <td>36.00" x 24.00"</td> <td>36.00" x 24.00"</td> <td>Auto</td> </tr> <tr> <td>04 D - CAD - Contour.pdf</td> <td>1/1</td> <td>CAD</td> <td>36.00" x 24.00"</td> <td>36.00" x 24.00"</td> <td>Auto</td> </tr> <tr> <td>05 D - CAD - GIS.pdf</td> <td>1/1</td> <td>CAD</td> <td>36.00" x 24.00"</td> <td>36.00" x 24.00"</td> <td>Auto</td> </tr> <tr> <td>06 D - CAD - Landscape.pdf</td> <td>1/1</td> <td>CAD</td> <td>36.00" x 24.00"</td> <td>36.00" x 24.00"</td> <td>Auto</td> </tr> </tbody> </table>	File Name	No.	Print Quality	Original Size	Print Size	Media Size	03 D - CAD - 3D CAD.pdf	1/1	CAD	36.00" x 24.00"	36.00" x 24.00"	Auto	04 D - CAD - Contour.pdf	1/1	CAD	36.00" x 24.00"	36.00" x 24.00"	Auto	05 D - CAD - GIS.pdf	1/1	CAD	36.00" x 24.00"	36.00" x 24.00"	Auto	06 D - CAD - Landscape.pdf	1/1	CAD	36.00" x 24.00"	36.00" x 24.00"	Auto
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05 D - CAD - GIS.pdf	1/1	CAD	36.00" x 24.00"	36.00" x 24.00"	Auto																											
06 D - CAD - Landscape.pdf	1/1	CAD	36.00" x 24.00"	36.00" x 24.00"	Auto																											
<p>9. Panes (popped out)</p>	<p>Printer Status - Displays the status of the KIP Printer (Real-time errors, Toner Remaining and currently loaded media) for both B&W and Color KIP Printers.</p> <p>As Well as connected Scanners (if available)</p> <p>Job Information – Displays information about the job being printed</p> <p>Roll Preview – Shows how the files will be placed on the roll.</p>																															


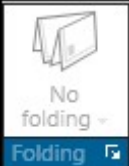



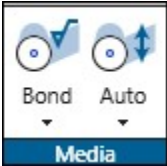
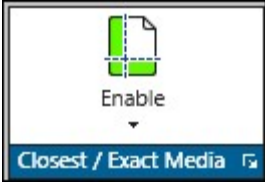
Step	Action	Illustration																				
<p>10. Preview (HD Viewer)</p>	<p>Displays selected file and settings applied to it.</p> <p>Note: If a Folder is attached Detect Title Block can be activated.</p> <p>Note: If the HD viewer is turned off double clicking a thumbnail will re-launch the HD viewer.</p>	 <p>Detect Title Block on</p>																				
<p>11. Print Icon</p>	<p>Select the Print Icon to use the Print functionality of the KIP ImagePro Application.</p>																					
<p>12. Scan Icon</p>	<p>Select the Scan Icon to use the Scan functionality of the KIP ImagePro Application.</p>																					
<p>13. Copy Icon</p>	<p>Select the Copy Icon to use the Copy functionality of the KIP ImagePro Application.</p>																					
<p>14. Job Queue</p>	<p>Displays all current jobs in the Queue on the connected printer.</p>	 <table border="1"> <thead> <tr> <th colspan="2">Job Queue</th> </tr> <tr> <th>Title</th> <th>User Name</th> </tr> </thead> <tbody> <tr> <td>01 D - BW CAD - Simple CAD_800 & 70.pdf</td> <td>TJanisse</td> </tr> </tbody> </table>	Job Queue		Title	User Name	01 D - BW CAD - Simple CAD_800 & 70.pdf	TJanisse														
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<p>15. Job History</p>	<p>Displays the history of jobs previously printed on the connected KIP Printer. Note: History is turned off by default and must be turned on by an Administrator for this to populate.</p>	 <table border="1"> <thead> <tr> <th colspan="4">Job History</th> </tr> <tr> <th>Title</th> <th>User Name</th> <th>Project</th> <th>Department</th> </tr> </thead> <tbody> <tr> <td>01 D - BW CAD - Simple CAD_800 & 70.pdf</td> <td>TJanisse</td> <td></td> <td></td> </tr> <tr> <td>09 D - Graphics - Aerial Map_800Color.pdf</td> <td>TJanisse</td> <td>005</td> <td>Digital</td> </tr> <tr> <td>05 D - CAD - GIS_800Color.pdf</td> <td>TJanisse</td> <td>Test</td> <td>Digital</td> </tr> </tbody> </table>	Job History				Title	User Name	Project	Department	01 D - BW CAD - Simple CAD_800 & 70.pdf	TJanisse			09 D - Graphics - Aerial Map_800Color.pdf	TJanisse	005	Digital	05 D - CAD - GIS_800Color.pdf	TJanisse	Test	Digital
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Step	Action	Illustration
<p>16. Previews</p>	<p>Displays thumbnail images of the files that have been added to the job matrix.</p> <p>Please note: if a Folder is installed behind the KIP Printer it may be easily rotated to control the title block placement by right clicking on the thumbnail and then selecting the desired rotation.</p>	
<p>17. Rename</p>	<p>Allows for the renaming of files (scanned or existing See Section 5).</p>	

2.2 Basic Tab



Step	Action	Illustration
1. Selection	<p>Allows for the selection of the files to apply changes to including:</p> <p>Select All - Selects all files in the job build area</p> <p>Select None - Unselects currently selected files.</p> <p>Invert – Inverts selected files for ease configuration.</p>	
2. Manipulate	<p>Allows the selected file(s) to be:</p> <p>Mirrored – Prints image as if held in front of a mirror.</p> <p>Rotated – allows for None, 90°, 180° and 270°</p> <p>Color Mode – Allows for Auto, B&W, Gray and Color</p> <p>Note See notes below for Detect Color Feature (Auto)</p>	
3. Print Quality	<p>Choose from different print qualities to control the final output.</p> <p>Choose from CAD, Graphics and Photo modes.</p>	
4. Scaling	<p>Used to set the Scaling of the output from 25% to 800%</p>	

Step	Action	Illustration
5. Stamp	Allows for the selection of a Stamp that can be applied to the file(s) being printed.	
6. Folding	If a Folder is attached to the KIP this will allow for the selection of how the output is to be handled based on preset folding packets.	
7. HPGL	Allows for the manipulation of Pen tables associated with HPGL/2 files.	
8. Postscript	Allows for the manipulation of settings associated with Postscript files.	
9. Exit Tray	If a Stacker/Folder is attached this function allows the media to be ejected to the desired location	
10. Media/Media Size	Used to select the desired output Media type. Also used to select a specific roll width to print on.	
11. Closest/Exact Media	Used to turn on/off the Closest (default)/Exact settings. Closest – Will print to the closest roll available in the printer Exact – Will print on the exact size roll needed (no waste).	

Step	Action	Illustration
12. Remove White borders	When selected file has excess white borders, the white borders will be removed.	
13. Label	If active selecting this will place a technical label on the output. What is printed in this label is determined by the creation of the Technical label Preset (see Section on Presets)	

Notes for Color Mode from above #2 Manipulate.

KIP System K Image Pro 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)



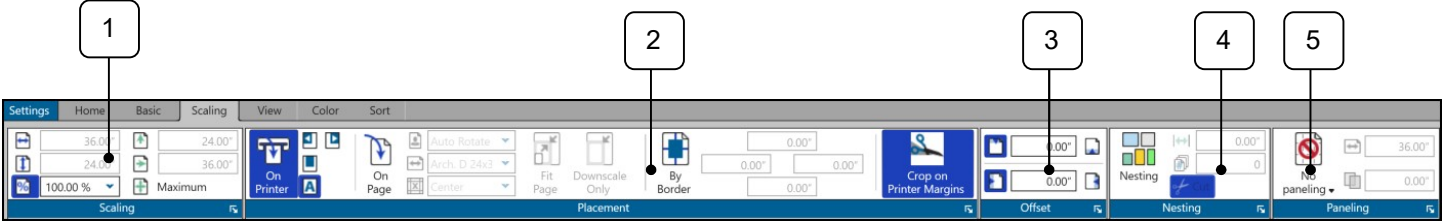
Color – Auto Detected or manually selected for all color documents and when mixing sets of color and black and white. (System Default: Increment Meter A/Color)


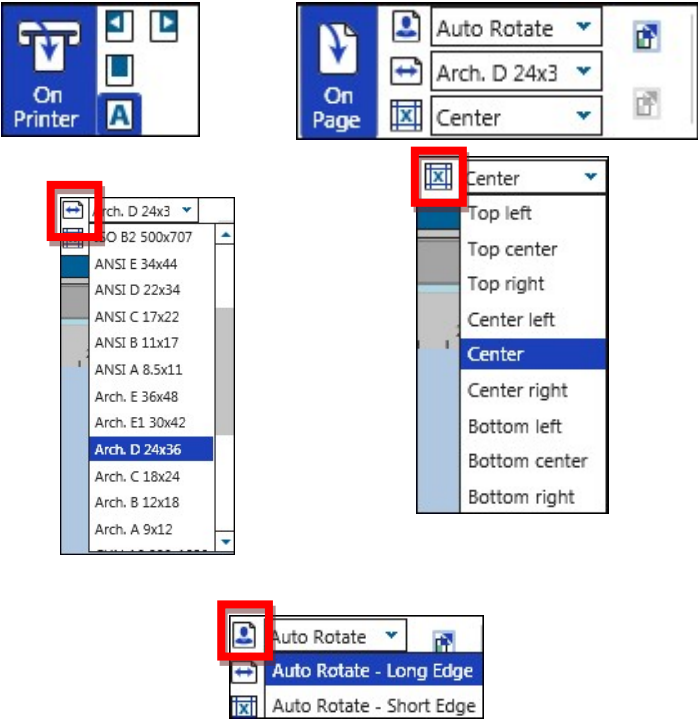


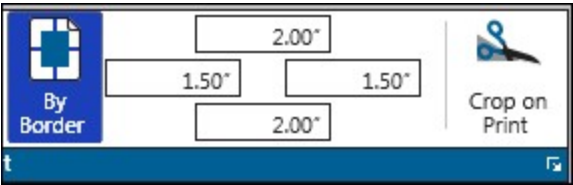
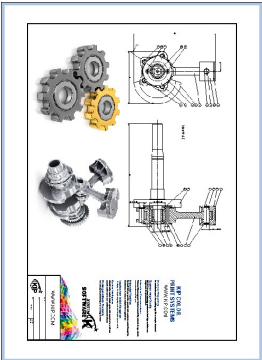

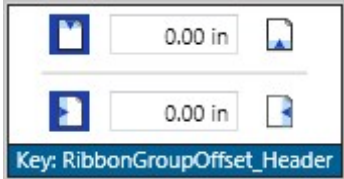
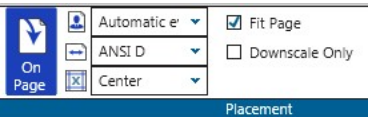

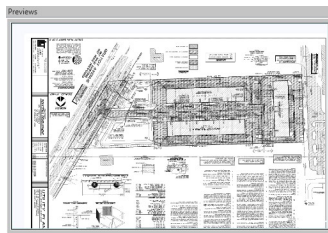
KIP System K Image Pro can be configured to Auto Detect black and white documents vs color documents to engage the proper CMYK units (Can only be activated by Administrator or Service Technician. This is done in PrintPro.net). By Default, ImagePro will group all black and white documents with color ones 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).

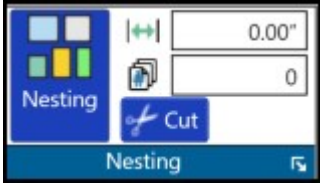


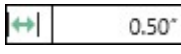


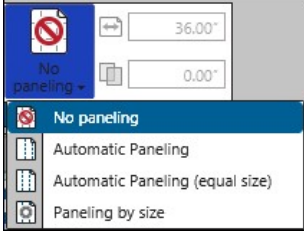
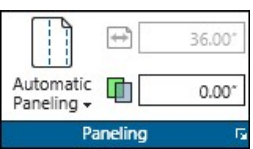
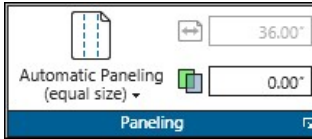
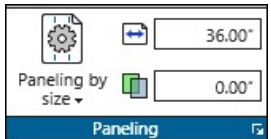
When the System K Printer is configured via web browser for “Detect Color”, ImagePro will separate black and white vs color documents during printing. When a true black and white document or grayscale is detected, only the K toner unit is engaged, and the Black Meter is incremented. For documents with 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.

2.3 Scaling Tab

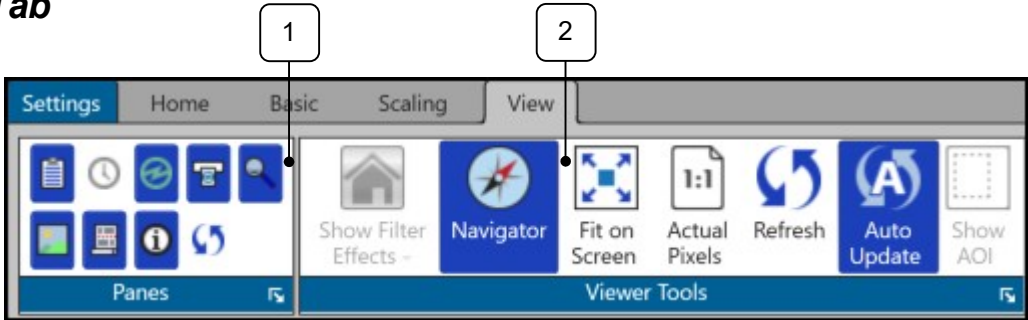











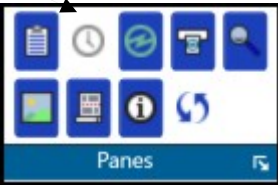
Component	Function
<p>1. Scaling</p> <ul style="list-style-type: none"> • Scale by Width • Scale by Height • Scale by Percentage • Scale by Short Edge • Scale by Long Edge • Scale by Maximum Size 	<p>Set Scaling parameters in English or metric mode. Including:</p> 
<p>2. Placement</p> <ul style="list-style-type: none"> • On Printer <ul style="list-style-type: none"> ○ Automatic Mode – Based on printer default. ○ Align Left – Aligns image to the Left on the roll. ○ Align Right - Aligns image to the Right on the roll. ○ Center – Centers the image on the roll. • On Page <ul style="list-style-type: none"> ○ Auto Rotate Long edge – Rotation is based on the long edge of image. ○ Auto Rotate Short Edge. – Rotation is based on the short edge of image. ○ Preset Sizes – Choose from Multiple preset page sizes. ○ Multiple Preset Locations – Choose from multiple placement locations ○ Fit to Page – Fits image to page selected ○ Downscale Only 	<p>Select from:</p> 

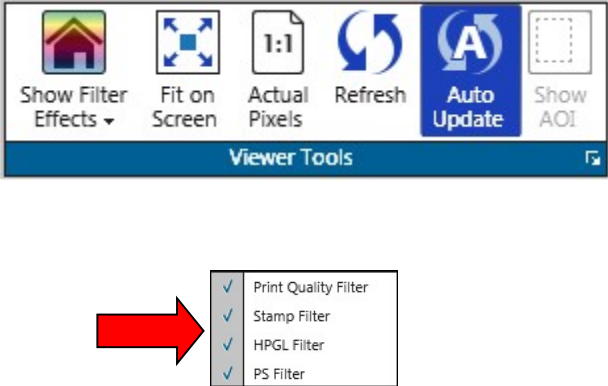
Component	Function				
<ul style="list-style-type: none"> By Border – will add/subtract borders to: <ul style="list-style-type: none"> Top Bottom Left Right Note: this will change the output size. 	  <table border="1" data-bbox="1104 525 1453 619"> <thead> <tr> <th>Original Size</th> <th>Print Size</th> </tr> </thead> <tbody> <tr> <td>36.00" x 24.00"</td> <td>28.12" x 39.31" !</td> </tr> </tbody> </table>	Original Size	Print Size	36.00" x 24.00"	28.12" x 39.31" !
Original Size	Print Size				
36.00" x 24.00"	28.12" x 39.31" !				
<ul style="list-style-type: none"> Crop on Print - Selecting this will crop the file as printed to the edge of the printable data. 					
<p>3. Offset – Used to add a lead, trail, left or right margin. This will shift the image on the specified page.</p>	 <p>Key: RibbonGroupOffset_Header</p> <p>Example: File is being placed on an ANSI D, Fit to page with a 1" margin on the top and left.</p>   <p>Key: RibbonGroupOffset_Header</p>  <p>Note: The image is shifted down and left off the page.</p>				

Component	Function
<p>4. Nesting – When On will put the same image sided by side on a single page. A distance can be set between the two images as well as how many to put on one sheet.</p> <ul style="list-style-type: none"> • Nesting –turns on the nesting function • Nesting Distance – sets distance between each file. • Maximum Count – Sets maximum number of images to place across page. • Cut – When active will cut after each sheet. When inactive, will cut after all sheets. <p>Note: Number of copies on the Home tab as well as Scaling percentage or Page size must be set.</p>	 <p>On  Off </p> <p> 0.50" Half Inch gap between each file</p> <p> 3 Three files will be placed across sheet (based on size printing)</p> 
<p>5. Paneling- For large format outputs, such as posters or presentations it is necessary to divide the copy into several different panels. As soon as the required output size exceeds the maximum print width or the maximum print length of a printer, certain settings become available.</p> <ul style="list-style-type: none"> • Automatic Paneling – panels will be created based on size entered in the Scaling location. • Automatic Paneling (Equal Size) – panels will be created based on size entered in the Scaling location all panels will be of equal size. • Paneling by Size - – panels will be created based on width of size entered in the paneling location. • Overlap – all paneling settings can have an overlap set for the printed output. 	   

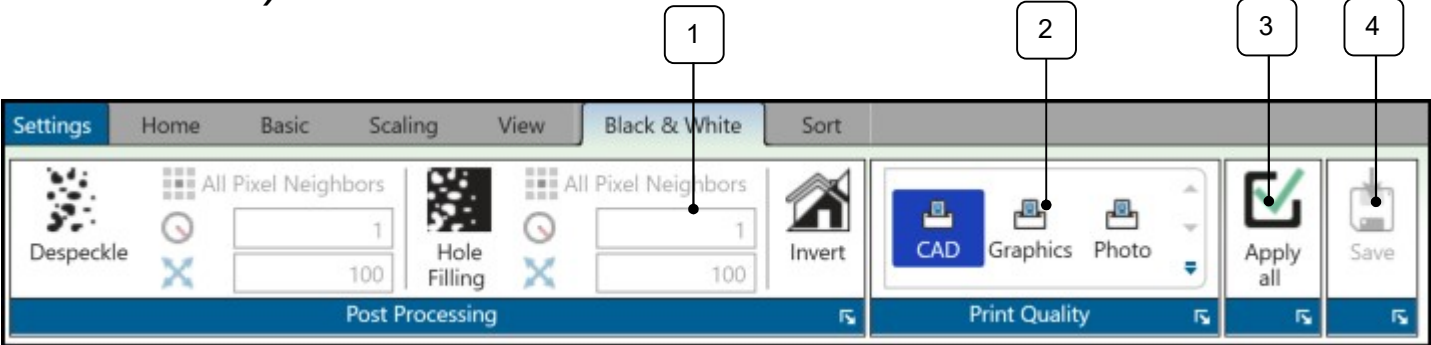
2.4 View Tab






Step	Action	Illustration
1. Panels	<p>Enable or disable specific Panels so that they are visible or not.</p> <ul style="list-style-type: none">  Job Queue – Turns Job Queue on/off  Job History – Turns Job History on/off  Printer Status – Turns Printer Status on/off  Scanner Status – Turns Scanner Status on/off  Preview – Turns HD Preview Window on/off  Preview – Turns Previews on/off  Roll Preview – Turns Roll Preview on/off  Job Information – Turns Job Information on/off  Reset – Resets all screens to factory settings 	<p>Note: History is off by default and must be turned on in PrintPro.Net by logging in as Administrator or Service.</p> 

<p>2. Viewer Tools</p>	<p>Selecting this will allow for viewer tools to be used.</p> <ul style="list-style-type: none">• Show Filter Effects – Dropdown with available filters for HD Viewer• Fit On Screen – Fits image to preview window.• Actual Pixels – Previews at actual size• Refresh – Refreshes HD Preview• Auto Update – If on will update changes in the HD viewer• Show AOI – Turns on AOI printing. <p>Note: Right Clicking on the preview will give you a tools menu as well.</p>	 <p>The screenshot shows the 'Viewer Tools' toolbar with icons for 'Show Filter Effects', 'Fit on Screen', 'Actual Pixels', 'Refresh', 'Auto Update', and 'Show AOI'. Below the toolbar, a red arrow points to a context menu that is open, listing the following options: 'Print Quality Filter', 'Stamp Filter', 'HPGL Filter', and 'PS Filter'. Each option in the context menu has a checkmark to its left.</p>
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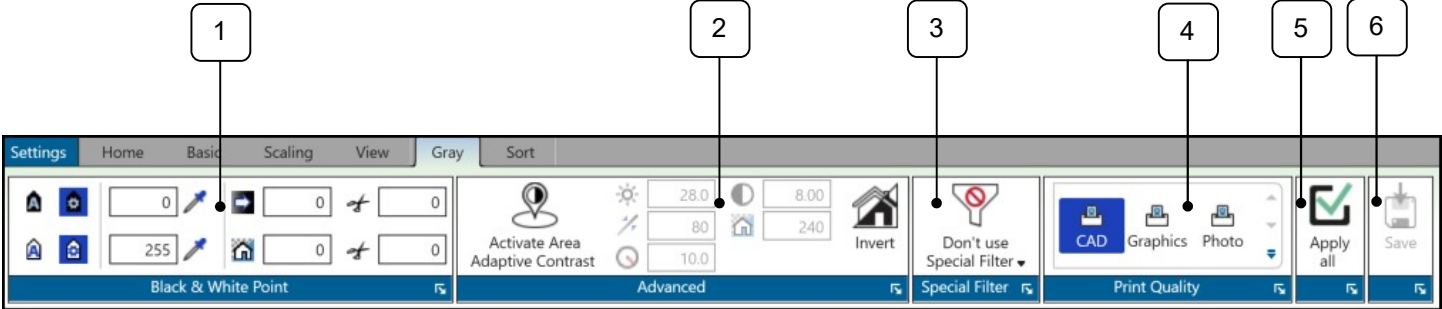
2.5 Black & White Tab (B&W mode selected or Auto Mode, connected to a B&W KIP Printer)

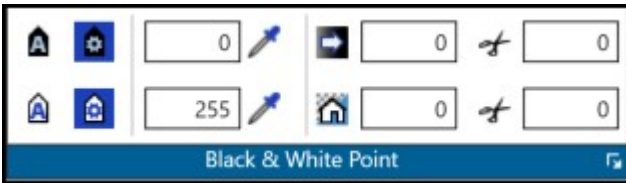
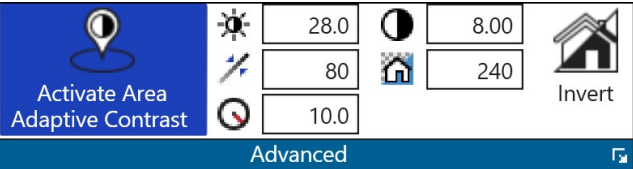




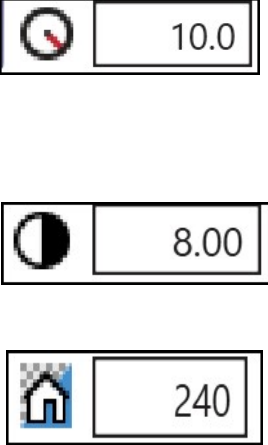
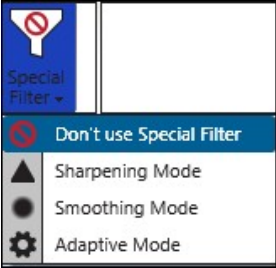
Step	Action	Illustration
<p>1. Post Processing</p>	<p>Despeckle – This option searches for groups of black pixels and converts them into white</p> <ul style="list-style-type: none"> All Pixel Neighbors - Pixels are connected neighbors when there is a series of 8 (instead of 4) adjacent pixels Filter Size - 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 relative to the selected filter size. <p>Hole Filling – makes it possible to remove single pixel-sized white holes from black areas in b&w mode.</p> <ul style="list-style-type: none"> All Pixel Neighbors – See Above Filter Size – See Above Rel. Area Size – see above <p>Invert – Inverts black to white and white to black.</p>	




Step	Action	Illustration
2. Print Quality	If changes are made to Print Quality settings selecting one of these options will reset the settings back to default.	
3. Apply All	Used to apply changes made to one file in the job to all selected files in the job.	
4. Save	Used to save the changes made as a Preset that can be used anytime it is necessary (not a onetime setting).	

2.1 Gray Tab (Gray mode selected or Auto Mode, connected to a B&W KIP Printer)



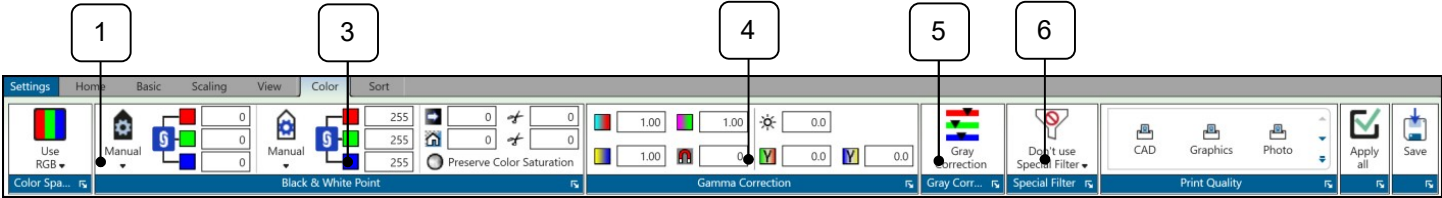
Step	Action	Illustration
<p>1. Black and White Point</p>	<p>Part of RGB and CIELAB Color Space.</p> <p>When Manual mode is selected the user has full control over the output of the file using the following adjustments settings:</p> <ul style="list-style-type: none"> • Black-point – Adaptive/Manual with picker • White-point – Adaptive/Manual with picker • Black Enhancement with Clip • Background Removal with Clip 	
<p>2. Advanced</p>	<p>This option offers you adaptive area dependent recalculation of black and white for removal of cloudy backgrounds, especially for blueprints and line art.</p> <p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Brightness - Increase the brightness until narrow lines or text are about to disappear. • Max Line Blackening - Limits the value for the shade of gray considered as black. 	  

Step	Action	Illustration
	<ul style="list-style-type: none"> • Radius - Decrease radius as far as possible, but larger than the largest black area of the image. When the radius is too small, black parts will get holes. • Contrast - Try to change the contrast to improve the result. You may need to change the brightness afterwards again. • Max Background Removal - Limits the value for the shade of gray considered as white. • Invert - Changes black to white and white to black. 	
<p>3. Special Filter</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Don't use special filter (default) • Sharpening Mode - This filter increases the contrast between light and dark pixels and drastically enhances the edge sharpness of text and lines. • Smoothing Mode - This filter is intended to reduce image noise and distortion, and affects the whole picture contrast. • Adaptive Mode – Combination of both Sharpening and Smoothing Modes. 	

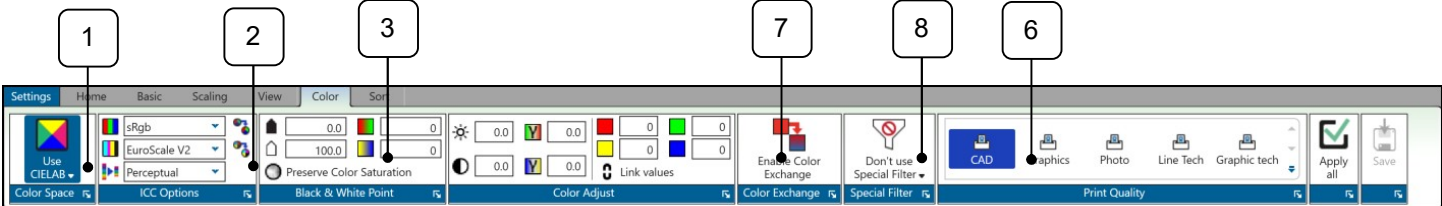
Step	Action	Illustration
4. Print Quality	If changes are made to Print Quality settings selecting one of these options will reset the settings back to default.	
5. Apply All	Used to apply changes made to one file in the job to all selected files in the job.	
6. Save	Used to save the changes made as a Preset that can be used anytime it is necessary (not a onetime setting).	

2.2 Color Tab (When connected to a Color KIP Printer)

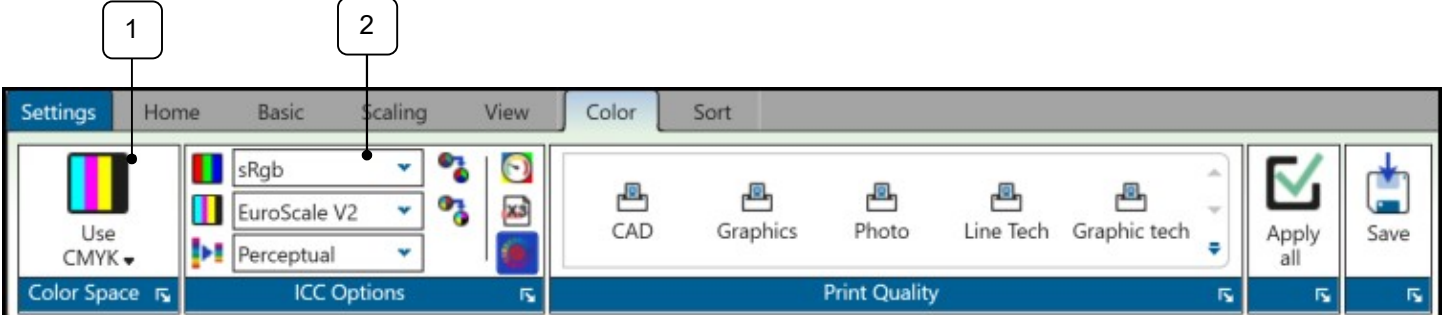
Note: The main Ribbon will look different depending on what Color Space is being used.



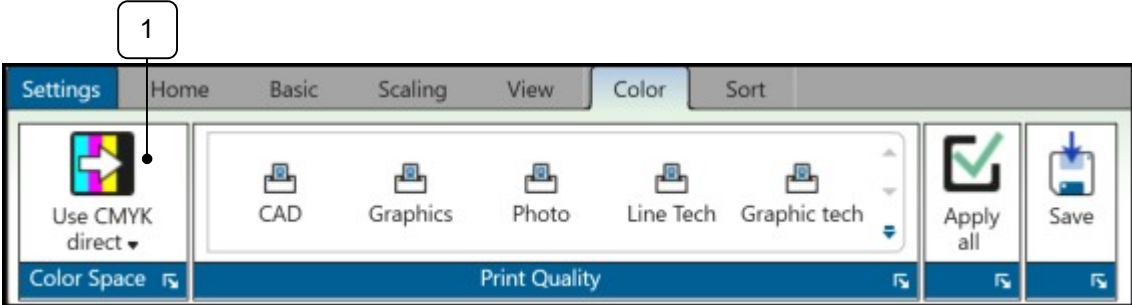
Use RGB Color Space




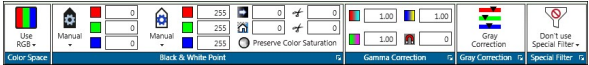

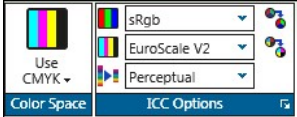

Use CIELAB Color Space

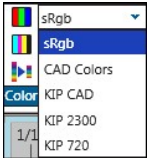
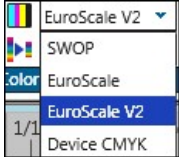
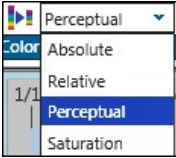


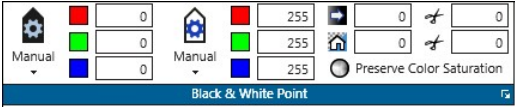
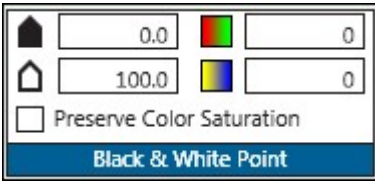
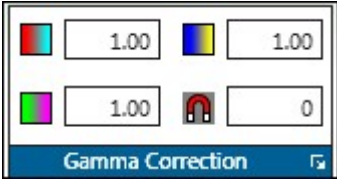

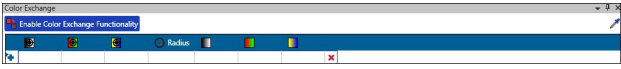
Use CMYK Color Space

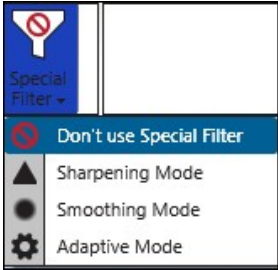
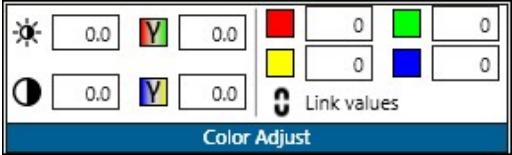







Use CMYK Direct Color Space

Step	Action	Illustration
<p>1. Color Space</p>	<p>The Color Space section allows the user to select from the following color spaces (each Color Space has different options):</p> <ul style="list-style-type: none"> • Use RGB refers to a system for representing the colors to be used. Red, green, and blue can be combined in various proportions to obtain any color in the visible spectrum. Levels of R, G, and B can each range from 0 to 100 percent of full intensity. • <u>Use RGB - Red, green, and blue are used to determine the output values; The editing tools are adjusted accordingly.</u> • Use CIELAB - is a color space specified by the International Commission on Illumination. It describes all the colors visible to the human eye and was created to serve as a device-independent model to be used as a reference. • Use CMYK - is a color space in which all colors are described as a mixture of these four process colors. • Use CMYK Direct – is a color space that uses the colors associated with the file as is. 	<p>Color Space</p>     

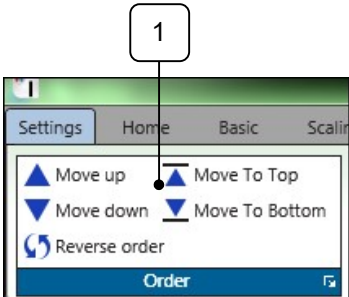
Step	Action	Illustration
<p>2. ICC Options</p>	<p>Part of Use CIELAB and Use CMYK Color Space.</p> <p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Select from available RGB Profiles • Select from available CMYK Profiles • Select from available Rendering Intents (See Appendix 45 for definitions) 	<p>RGB Profiles</p>  <p>CMYK Profiles</p>  <p>Rendering Intents</p> 

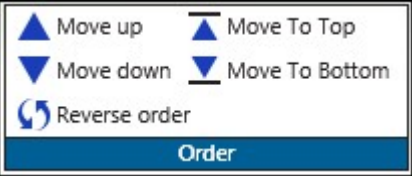
Step	Action	Illustration
<p>3. Black and White Point</p>	<p>Part of RGB and CIELAB Color Space.</p> <p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Black-point • White-point • White-point value Green to Red • White-point Yellow to Blue • Preserve Color Saturation 	<p>RGB</p>  <p>CIELAB</p> 
<p>4. Gamma Correction</p>	<p>Part of RGB Color Space.</p> <p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Red to Cyan • Blue to Yellow • Green to Magenta • Snap to Gray 	
<p>5. Gray Correction</p>	<p>Part of RGB Color Space.</p> <p>Allows the user to perform a gray correction on the specific file.</p>	 

Step	Action	Illustration
<p>6. Special Filter</p>	<p>Part of RGB and CIELAB Color Space.</p> <p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Don't use special filter (default) • Sharpening Mode - This filter increases the contrast between light and dark pixels and drastically enhances the edge sharpness of text and lines. • Smoothing Mode - This filter is intended to reduce image noise and distortion, and affects the whole picture contrast. • Adaptive Mode – Combination of both Sharpening and Smoothing Modes. 	
<p>7. Color Adjust</p>	<p>Part of CIELAB Color Space.</p> <p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Brightness • Contrast • Green to Red • Yellow to Blue • Red, Green, Yellow and Blue – These can be adjusted individually • Link Values – Links Red, Green, Yellow and Blue colors so an adjustment to one is the same for all. 	
<p>8. Color Exchange</p>	<p>Part of CIELAB Color Space.</p> <p>Allows the user to exchange one color for another.</p>	 

<p>9. Print Quality</p>	<p>Used to set the print Quality to be used on the output.</p> <p>Note: this is also used as a reset to default. If changes have been made to any of the color options selecting one of the Print Quality Presets will set all changed values back to default settings.</p>	
<p>10. Apply All</p>	<p>Used to apply changes made to one file in the job to all selected files in the job.</p>	
<p>11. Save</p>	<p>Used to save the changes made as a Preset that can be used anytime it is necessary (not a onetime setting).</p>	

2.3 Job Sort



Step	Action	Illustration
1. Order	<p>Allows the user to arrange the files in the proper order by manipulating each file</p> <ul style="list-style-type: none"> • Move up – Move selected file(s) up one • Move down - Move selected file(s) down one • Reverse order – used to reverse the order of the files before printing • Move to top - Move selected file(s) to the top • Move to bottom - Move selected file(s) to the bottom 	

2.4 Job Matrix

The Job Matrix area shows the selected files and all settings associated with each file.

1

File Name	Directory	No.	Original Size	Print Size	Copies	Print Quality	Scaling	Media	Stamp	Folding	Hpgl
01 D - BW CAD - Simple CAD_800 & 70.pdf	BW-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
02 D - BW CAD - Site Plan_800 & 70.pdf	BW-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
05 D - CAD - GIS_800Color.pdf	Color-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
06 D - CAD - Landscape_800Color.pdf	Color-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
07 D - CAD - Structural_800Color.pdf	Color-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
08 D - Graphics - 3D Car_800Color.pdf	Color-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
09 D - Graphics - Aerial Map_800Color.pdf	Color-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D
11 D - Graphics - Rendering.pdf	Color-Inch	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	CAD	100 %	Bond	No Stamp	No folding	Default D

Component	Function	Button
1. Job Matrix Area	<p>This tab shows the files that have been added for printing as well as the settings that have been applied to them as a complete job or settings specific to individual files.</p> <p>By looking in this specific area, we can see the following information about this job:</p> <ul style="list-style-type: none"> files (and their location) Original file size is 36x24 Print size is 36x24 Number of Sets and Copies Print Quality Setting Scaling is 100% Media is Bond Confidential stamp And other information (scroll to the Right) <p>Note: By right clicking on the top blue bar in the Job Matrix a Column Selection window will open. Select or un-select the columns to be displayed.</p>	

2.5 Job Queue

Job Queue displays what is currently in the Print Queue of the selected printer.

Job Queue									
Title	User Name	Project	Department	Media	Completed	Progress	Status	Date/Time	Estimated printing time
05 D - CAD - GIS.pdf	TJanisse			Bond	0 / 3	45.7 %	Waiting To Print	8/29/2018 2:56:35 PM	Less than 0:01

Component	Function
1. Job Queue	<p>When the Job Queue tab is selected the user can see the following:</p> <ul style="list-style-type: none"> • User Name (if entered) • Project (if entered) • Department (if entered) • Media being printed on • The progress of the job being printed • The status • The current date and time of the file being printed. • Estimated printing time

2.6 Job History

Job history (if active) will allow a user to go back and print jobs from a History Queue.

Title	User Name	Project	Department	Printer	Media	Completed	Status	Date/Time
09 D - Graphics - Aerial Map_800Color.pdf	TJanisse	005	Digital	770K	Bond	2 / 2	Done	1/9/2017 11:51:45 AM
05 D - CAD - GIS_800Color.pdf	TJanisse	Test	Digital	770K	Bond	2 / 2	Done	1/9/2017 11:51:05 AM
01 D - BW CAD - Simple CAD_800 & 70.pdf	TJanisse			770K	Bond	2 / 2	Done	1/9/2017 11:50:15 AM

Submit

Edit

Delete

Actions

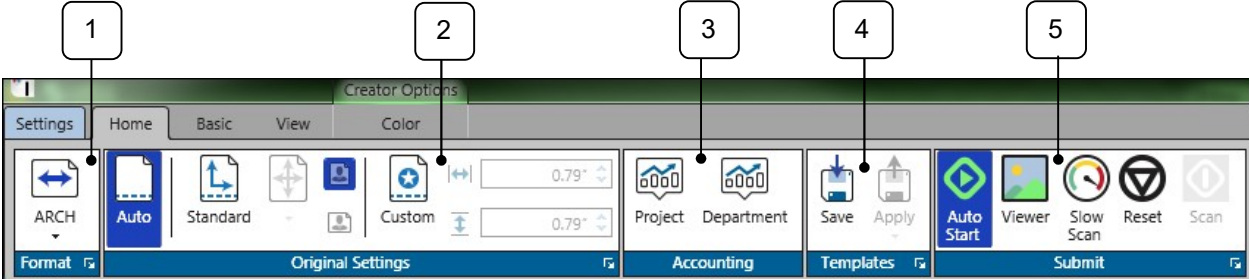
Component	Function
1. Job History	<p>The Job History (if made active) will keep track of printed jobs. The user can then use this history to re-print jobs again when necessary.</p> <p>The following information is displayed:</p> <ul style="list-style-type: none"> • User Name - If the accounting fields are used the user name will be logged and then will appear in the “User Name” column • Project (if entered) • Department (if entered) • Printer type • Media used • Completion of the sent job • Status of the job • Date and time the job was printed <p>Note: The History queue is inactive by default and needs to be activated through KIP PrintPro.net. In secure environments Job History would not be used.</p>
2. Action - Submit	Send the job directly to the printer to be printed. This will show up in the Job Queue Tab and then when completed in the History Queue again.
3. Action - Edit	Loads the Job into the Job Creator tab allowing for editing of the job prior to submitting it again.
4. Action Delete	Removes the job from History

3 Scan

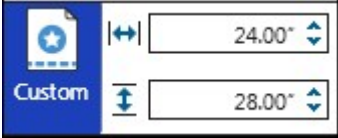



The Scan tab displays all the available options for Scan.

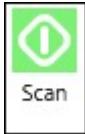
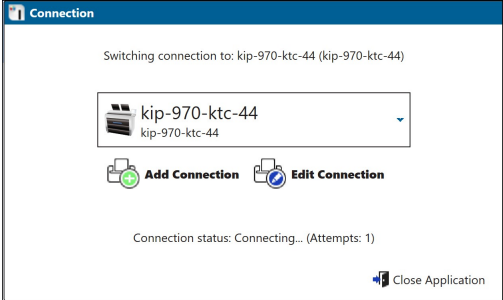
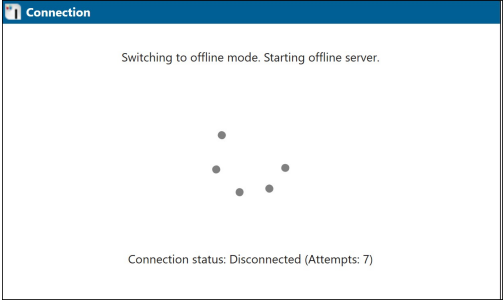
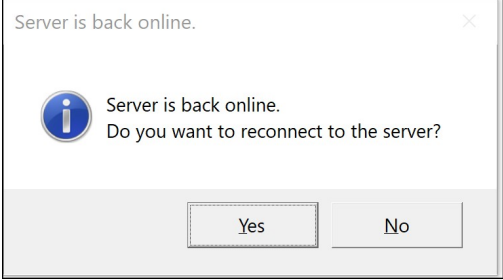
3.1 Home Tab

Please Note: It is necessary to select Scan settings prior to inserting the sheet into the scanner. Some settings cannot be changed once the sheet has been scanned.

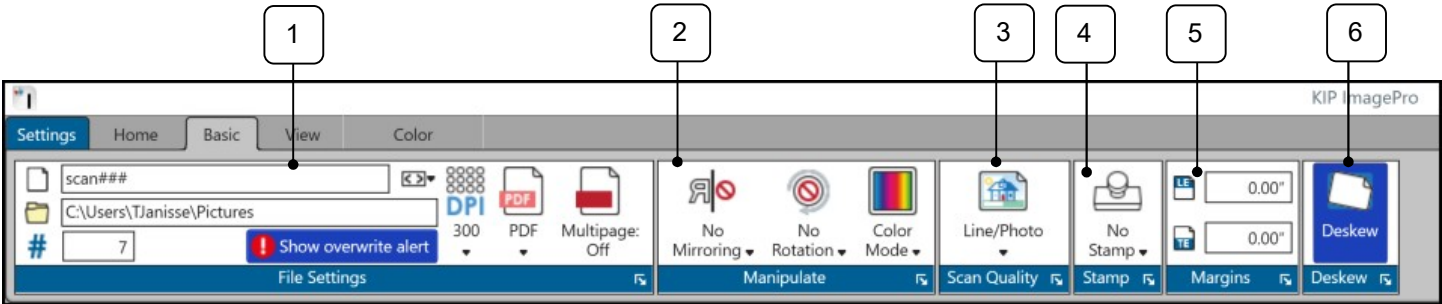


Component	Function	Button
1. Format	Select from available formats in the dropdown list.	
2. Original Settings a. Auto	Automatically detects size	
b. Standard	Select from list of predefined page sizes. <ul style="list-style-type: none"> Select Standard Select Size Select Portrait/Landscape 	



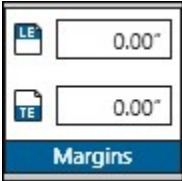
Step	Action	Illustration
c. Custom	Use this function to set the Scan Height and Scan Width manually.	
3. Accounting	<p>If Accounting is being used these fields may need to be filled in, to submit job.</p> <p>Note: If active, the information MUST be entered before the scan will begin.</p>	
4. Templates	<p>Used to save a Template that contains all the selected settings so that it can be applied later.</p> <p>Note: if scanner is in Standalone mode (no printer available) templates will be stored on the Scan-to-File workstation</p>	
5. Submit	<p>Used to Submit job to the KIP Printer</p> <ul style="list-style-type: none"> AutoStart: This can be turned on or off. When on, if media is inserted into the scanner the scanning process will “automatically” begin. When this is turned off the scan button will need to be selected to begin the scan process. Viewer: Will Display a preview on the main screen prior to the scan process being completed. Slow Scan – pulls the paper through at 600DPI Speed. Reset – clears the current scan and starts over. Scan – With AutoStart on this is not used. <p>Note: for production scanning, when Auto Start and Viewer are active, inserting the next sheet will save the previous file and “Auto Start” the inserted document.</p>	


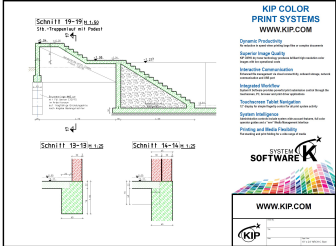
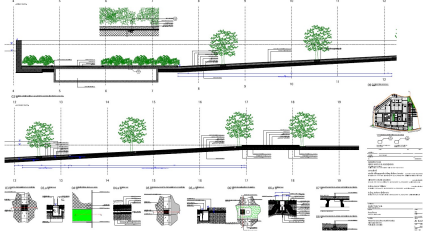
Component	Function	Button
<p>6. Scan</p>	<p>If AutoStart is not active the Scan button must be selected to begin scanning process.</p> <p>Note: Beginning with SysK software 2.2 just insert the next original. Users can turn on the viewer so the image will stay in the HD viewer for inspection. Then simply insert the next original to save the image and start the next scan automatically.</p>	
<p>7. Disconnect/Reconnect Notification</p>	<p>If a Connected KIP printer is not available the user will get a notification that will allow them to choose a different KIP Printer or go directly into Stand-Alone scan mode.</p> <p>After 7 attempts to regain connection the Workstation KIP ImagePro application will go into stand-alone mode (no Printer connected).</p> <p>Once the KIP Printer is back online the user will get a notification to reconnect.</p>	  

3.2 Basic Tab

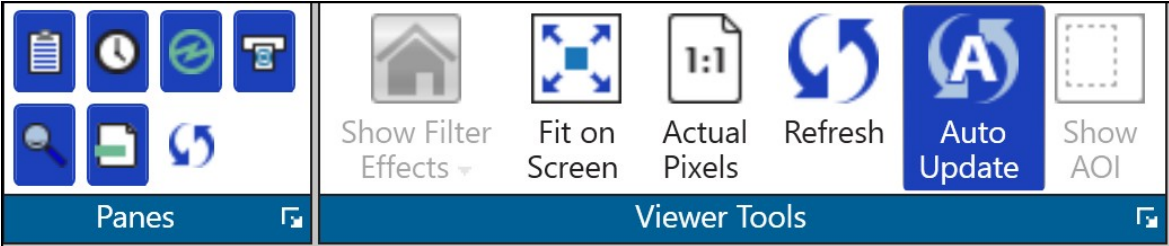









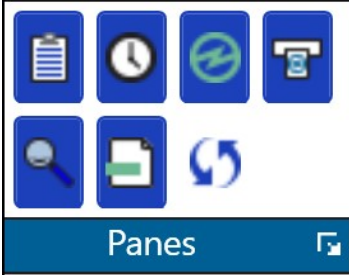
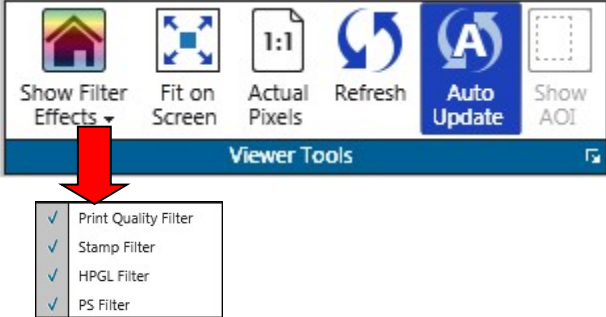
Step	Action	Illustration
<p>1. File Settings</p>	<p>Mouse over the icon for tool tips. Functions of the File Settings area:</p> <ul style="list-style-type: none"> • File Name – Enter File name (each # is a value ### = 000) • Macros for stamp info applied to File name • Folder –Folder location scanned image will be placed into • Start From – Value to start the numbering from • DPI – set from 100 to 600 DPI • Format – select from JPEG, PDF, PDF/A, TIFF, TIFF RLE, • Single or Multi Page – select to create a single page or a multi-page file • Show Overwrite Alert – warns if a file is going to be overwritten. 	
<p>2. Manipulate</p>	<p>Users can set the following parameters:</p> <ul style="list-style-type: none"> • Mirror – Choose from No Mirroring and Horizontal Mirroring. • Rotate – None, 90°, 180° and 270° • Color Mode – set B&W. Gray and Color Modes 	

Step	Action	Illustration
<p>3. Scan Quality Presets</p>	<p>Choose from default Scan Quality Presets or custom presets.</p> <p>Line – Used for line drawings</p> <p>Line/Photo – Used for Line drawings with embedded images</p> <p>Graphics – Used for Graphic files</p> <p>Note: Custom Presets are created by going to the Settings tab and then selecting Scan Quality Preset.</p>	 <p>The screenshot shows a dropdown menu titled 'Scan Quality Presets'. The selected option is 'Line/Photo', which is accompanied by a small icon of a document with a blue and red header. Other options are not visible, suggesting a scrollable list.</p>
<p>4. Stamp</p>	<p>Choose from Default Stamps or Custom Stamps.</p> <p>Note: Custom Stamps are created by going to the Settings tab and then selecting Stamp Preset</p>	 <p>The screenshot shows a dropdown menu titled 'Stamp'. The selected option is 'No Stamp', which is accompanied by a small icon of a person's head and shoulders. Other options are not visible.</p>
<p>5. Margins</p>	<p>Set additional margins for the Lead Edge (LE) and Trail Edge (TE) in inches.</p>	 <p>The screenshot shows a dialog box titled 'Margins'. It contains two input fields: 'LE' (Lead Edge) and 'TE' (Trail Edge). Both fields have the value '0.00" entered. The dialog box has a blue header with the title 'Margins'.</p>

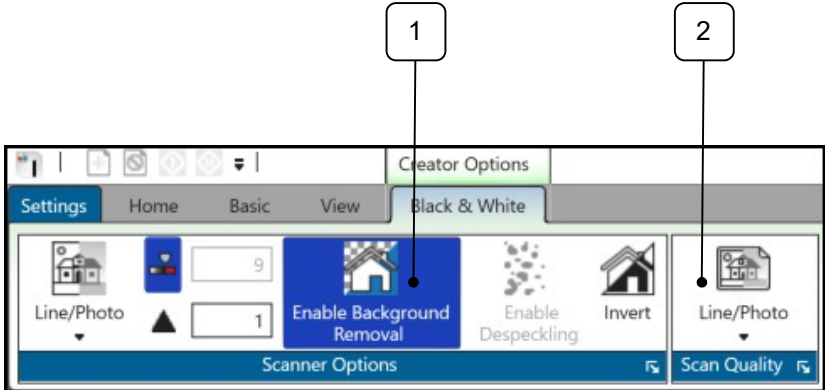
Step	Action	Illustration
<p>6. Deskew</p>	<p>Deskew is on by default and will automatically fix a slight skew in a scanned document.</p> <p>Note: this feature may only work with documents that have a distinct border such as a title block. If no visible border is available deskew may not function properly as there is no border to base the deskew on. This may cause the file to actually be skewed. In these instances, disable deskew for these types of files.</p> <p>Also, when scanning very long documents (such as oil logs), you MUST turn deskew off. as it tries to deskew the image the image can be moved right off the page as you progress down the page</p>	
	<p>File with Border:</p> 	<p>File without Border:</p> 

3.3 View Tab



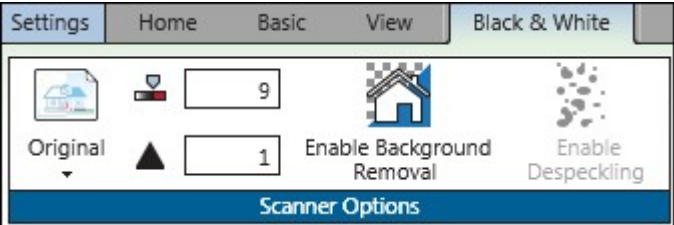



Step	Action	Illustration
<p>1. Panes</p>	<p>Enable or disable specific Panes so that they are visible or not.</p> <ul style="list-style-type: none">  Job Queue – Turns on/off Job Queue  Job History – Turns on/off Job History  Printer Status – Turns on/off Printer Status  Scanner Status – Turns on/off Scanner Status  Preview – Turns on/off HD Preview window  File Format – Turns on/off Formats Pane on Main Scan Screen  Reset – To factory settings 	
<p>2. Viewer Tools</p>	<p>Selecting this will allow for viewer tools to be used.</p> <ul style="list-style-type: none"> • Show Filter Effects – Dropdown with available filters for HD Viewer • Fit on Screen – Fits image to preview window. • Actual Pixels – Previews at actual size • Refresh – Refreshes HD Preview • Auto Update – If on will update changes in the HD viewer • Show AOI – Activates AOI printing. <p>Note: Right Clicking on the preview will give you a tools menu as well.</p>	

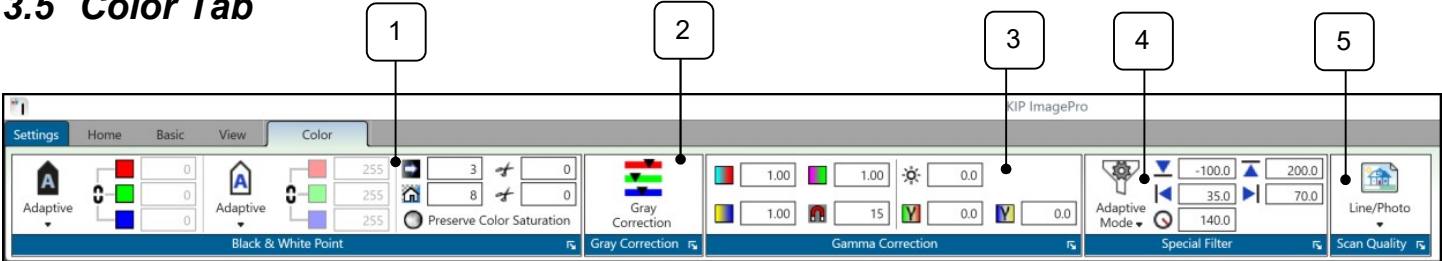
3.4 B&W Tab

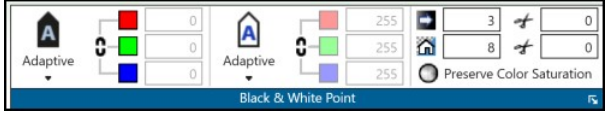

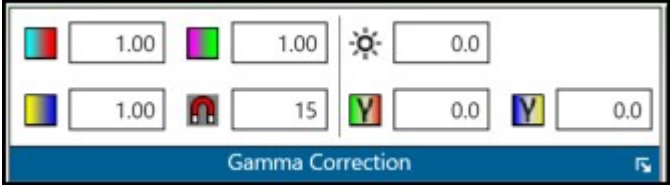


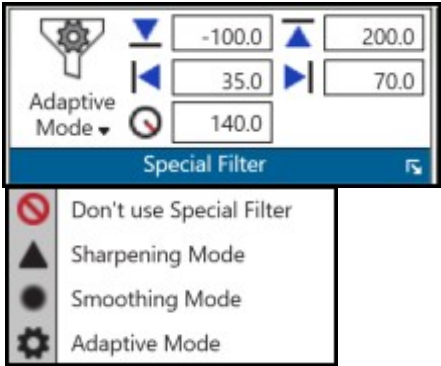

Step	Action	Illustration
1. Scanner options	Select from multiple functions:	
a. Original Type	Select from the default presets: <ul style="list-style-type: none"> • Line - used for line drawings. • LinePhoto – used for drawings with a combination of lines and photos. • Photo – Used for drawings containing mostly photos. 	
b. Auto Threshold/ Sharpness	<ul style="list-style-type: none"> • Auto Threshold – Light to dark adjustment • Sharpness – Adds neighboring dot to all dots. Thus, making the lines sharper. 	
c. Enable Background Removal	Background removal is used to reduce or improve the background contrast:	

Step	Action	Illustration
d. Enable Despeckling	Removes black pixels in black & white mode.	
e. Invert	Inverts the image Black to White and White to Black. Please note: to get the correct output when Inverting, the Enable Background Removal and Enable Despeckling MUST be turned off.	 
f. Scan Quality	Use to reset color values to default. If changes have been made to any of the color settings selecting the Scan Quality preset will restore settings to default.	

3.5 Color Tab

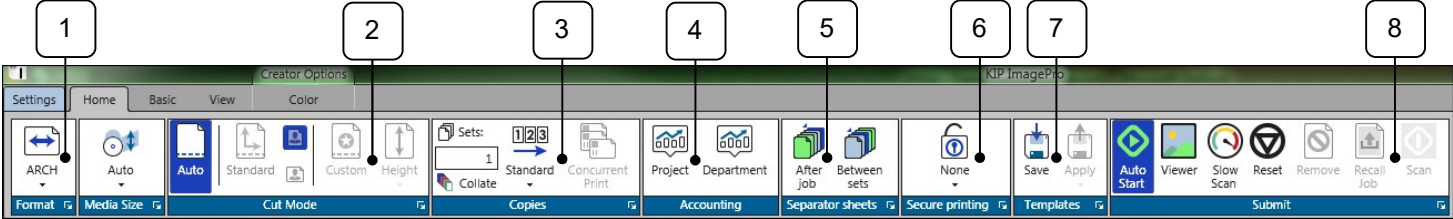


Step	Action	Illustration
<p>1. Black and White Point</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Black-point (RGB Values) • White-point (RGB Values) • Black Enhancement with Clip • Background Removal with Clip • Preserve Color Saturation 	
<p>2. Gray Correction</p>	<p>Allows the user to perform a gray correction on the specific file.</p>	
<p>3. Gamma Correction</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Adjust colors Cyan to Red • Adjusts Colors Magenta to Green • Adjusts Colors Yellow to Blue • Snap to Gray - With SNAP TO GRAY you can define how far the values can differ • Adjusts Brightness light to dark • Adjusts Colors Green to Red • Adjusts Colors Blue to Yellow 	

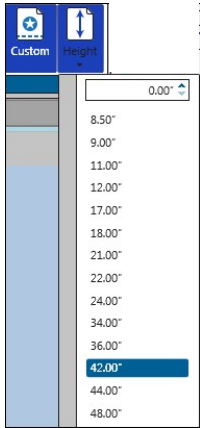
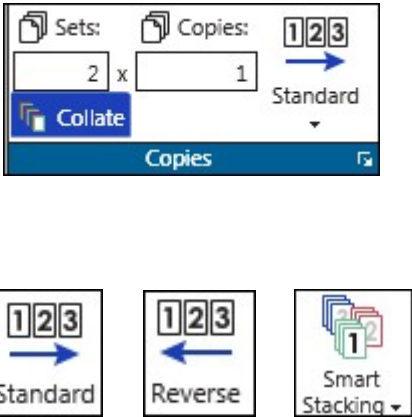

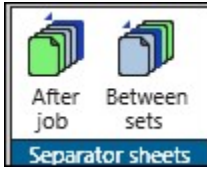
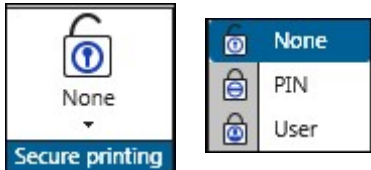
Step	Action	Illustration
<p>4. Special Filter</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Don't use special filter (default) • Sharpening Mode - This filter increases the contrast between light and dark pixels and drastically enhances the edge sharpness of text and lines. • Smoothing Mode - This filter is intended to reduce image noise and distortion and affects the whole picture contrast. • Adaptive Mode – Combination of both Sharpening and Smoothing Modes. • Smoothens the image background, such as solid color areas. (-100 – 400) • Sharpens the image foreground, such as text. (-100 – 400) • Limit Left • Limit Right • Filter Radius 	 <p>The illustration shows the 'Special Filter' control panel. At the top, there is a gear icon and a dropdown menu labeled 'Adaptive Mode'. Below this are four sliders: a background slider with a downward arrow and value '-100.0', a foreground slider with an upward arrow and value '200.0', a limit slider with left and right arrows and values '35.0' and '70.0', and a filter radius slider with a circular arrow icon and value '140.0'. Below the sliders is a legend with four options: 'Don't use Special Filter' (with a red circle and slash), 'Sharpening Mode' (with a black triangle), 'Smoothing Mode' (with a black circle), and 'Adaptive Mode' (with a gear icon).</p>
<p>5. Scan Quality Preset</p>	<p>Used to set the Scan Quality Preset to be used on the Scanned image data.</p> <p>Also use to reset color values to default. If changes have been made to any of the color settings selecting the Scan Quality preset will restore settings to default.</p>	 <p>The illustration shows a dropdown menu for 'Scan Quality'. The menu is open, showing a 'Line/Photo' option with a small icon above it. Below the menu is a blue bar with the text 'Scan Quality' and a small icon.</p>



4 Copy

4.1 Home Tab

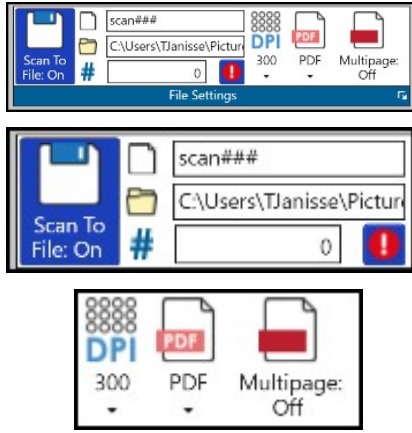

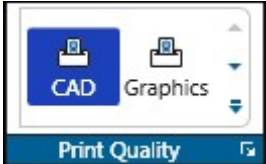



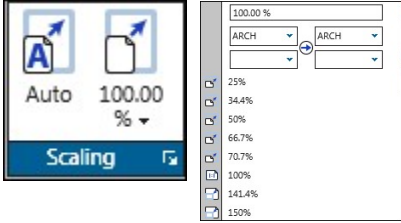




Step	Action	Illustration
1. Format	Select from available formats in the dropdown list.	
2. Media Size	Used to select the Roll size.	
3. Cut Mode a. Auto	Automatically detects size.	
b. Standard	When a roll is selected (not Auto) the Standard option will become available. This will use standard sizes. For example, the 36" roll is selected under Media (Step 2):	<ul style="list-style-type: none"> Portrait will produce 36"x48" Landscape will produce 36"x24"

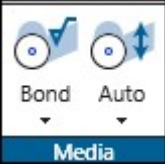
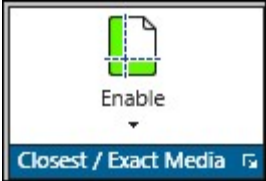



Step	Action	Illustration
<p>c. Custom</p>	<p>When Custom is selected and the 36" roll is selected under Media (Step 2):</p> <p>The Height can be set for a specific size or a height can be entered in the box.</p>	
<p>1. Copies</p> <ul style="list-style-type: none"> • Sets (Collate) • Copies • Order 	<p>Used to set the number of copies as well as the number of sets and if Collate will be on or off.</p> <p>Note: when set to more than one set, collate is on by default.</p> <p>Standard - 1,2,3 Reverse - 3,2,1</p> <p>Smart Stacking – First page always on top, regardless of paper exit.</p>	
<p>4. Accounting</p>	<p>If Accounting is being used these fields may need to be filled in, to submit job.</p>	
<p>5. Separator Sheets</p>	<p>Used to send a Separator Sheet after the Job or after the Set.</p> <p>Note: Printed on smallest roll available.</p>	
<p>6. Secure Printing</p>	<p>Used to set a requirement that either a user name or a password must be entered at the queue to allow the job to print.</p>	

Step	Action	Illustration
7. Templates	Used to save a Template that contains all the selected settings so that it can be applied later.	
8. Submit	<p>Used to Submit job to the KIP Printer</p> <ul style="list-style-type: none"> • AutoStart: This can be turned on or off. When on, if media is inserted into the scanner the scanning process will “automatically” begin. When this is turned off the scan button will need to be selected to begin the scan process. • Viewer: If “On” Will Display a preview on the main screen prior to the scan process being completed. If “Off” copy will be sent to the printer. • Slow Scan – pulls the paper through at 600DPI Speed (720 Scanner Only). • Reset – clears the current scan and starts over. • Remove – Removes a copied image. • Recall Job – Will recall the last job <p>Submit – With AutoStart on this is not used.</p>	

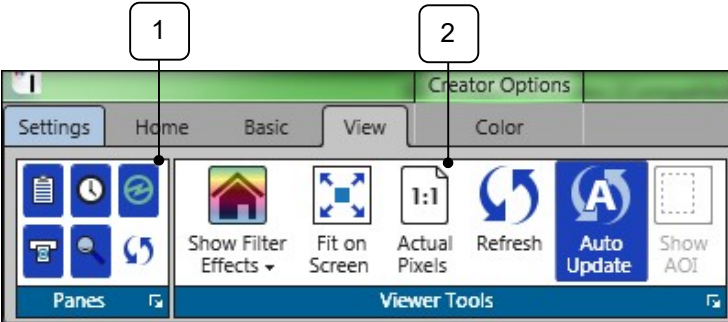
4.2 Basic Tab









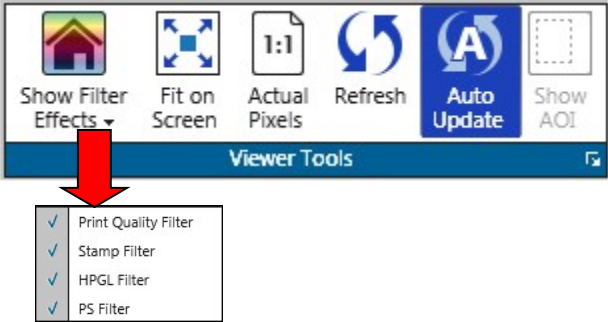
Step	Action	Illustration
<p>1. File Settings</p>	<p>This section allows the user to make a copy (hard copy) as well as scan the data to file (digital copy).</p> <p>Scan to File On/Off – Turns feature On or Off to copy and scan to file at the same time.</p> <p>File Name – Enter the name of the file to be saved as.</p> <p>Folder – Browse to the folder location to save the file.</p> <p>Starting From – Select the Number for the file to be labeled (each # is a value ex. ### = 001)</p> <p>Overwrite Warning – when active will give a warning if a file is going to be overwritten.</p> <p>DPI – Select the DPI (Dots Per Inch) the file will be saved in.</p> <p>Format – Select from the dropdown list the format to be saved</p> <p>Multipage – Turn On or Off to create a multipage files.</p>	
<p>2. Manipulate</p>	<p>Allows the selected file(s) to be:</p> <p>Mirrored – Prints image as if held in front of a mirror.</p> <p>Rotated – allows for None, 90°, 180° and 270°</p> <p>Color Mode – Allows for Auto, B&W, Gray and Color</p>	
<p>3. Print Quality</p>	<p>Choose from different print qualities to control the final output.</p> <p>Choose from CAD, Graphics and Photo modes.</p>	

Step	Action	Illustration
4. Scan Quality	Scan Quality is to be set prior to making the copy.	
5. Scaling	Used to set the Scaling of the output. Auto – will automatically determine size Manual - Select from available sizes or set manually	
6. Resolution	Set Resolution of copied output 200, 300, 400 and 600 DPI.	
7. Stamp	Allows for the selection of a Stamp that can be applied to the file(s) being printed.	
8. Folding	If a folder is attached to the printer this can be enabled or disabled. This will then work in conjunction with the folding packets set up for folding.	
9. Exit Tray	If a Stacker/Folder is attached this function allows the media to be ejected to the desired location	

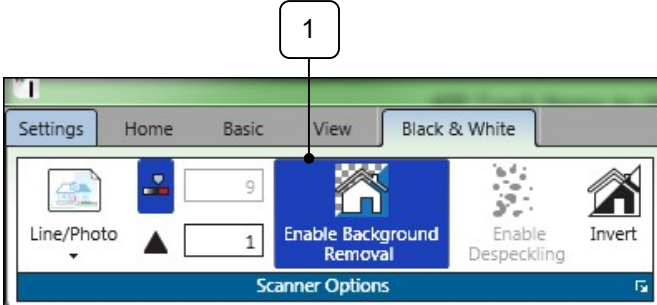
Step	Action	Illustration
10. Media/Media Size	Used to select the desired output Media type. Also used to select a specific roll width to print on.	
11. Closest/Exact Media	Used to turn on/off the Closest (default)/Exact settings. Closest – Will print to the closest roll available in the printer Exact – Will print on the exact size roll needed (no waste).	
12. Margins	Used to add margins to the copied output. Set prior to scanning document.	
13. Deskew	On by default will fix image is inserted skewed.	
14. Label	If active selecting this will place a technical label on the output. Containing Date/Time, Scale and Job Number. Used for testing purposes.	

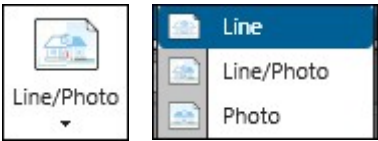


4.3 View Tab





Step	Action	Illustration
<p>1. Panes</p>	<p>Enable or disable specific Panes so that they are visible or not.</p> <ul style="list-style-type: none">  Job Queue – Turns on/off Job Queue  Job History – Turns on/off Job History  Printer Status – Turns on/off Printer Status  Scanner Status – Turns on/off Scanner Status  Preview – Turns on/off HD Preview window  Previews – Turns on/off Small Previews  Reset – To factory settings 	
<p>2. Viewer Tools</p>	<p>Selecting this will allow for viewer tools to be used.</p> <ul style="list-style-type: none"> • Show Filter Effects – Dropdown with available filters for HD Viewer • Fit on Screen – Fits image to preview window. • Actual Pixels – Previews at actual size • Refresh – Refreshes HD Preview • Auto Update – If on will update changes in the HD viewer • Show AOI – Turns on AOI printing. <p>Note: Right Clicking on the preview will give you a tools menu as well.</p>	

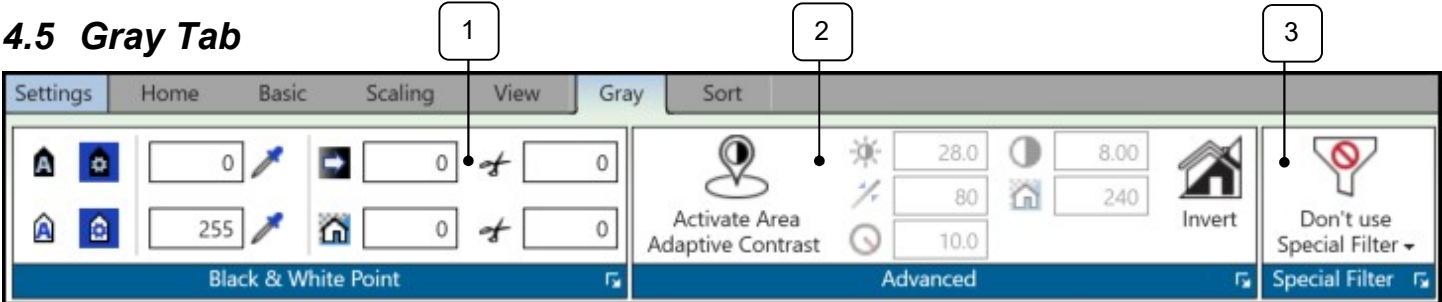
4.4 B&W Tab





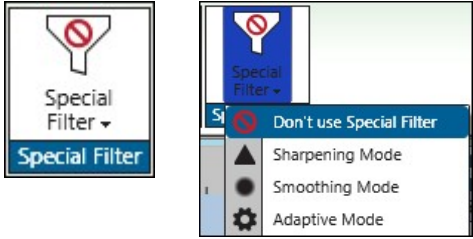
Step	Action	Illustration
<p>1. Original</p>	<p>Used to select the desired preset for the best output.</p> <ul style="list-style-type: none"> • Line – Used for line drawings • Line/Photo – Used for Line drawings with embedded images • Photo – Used for Graphic files 	
<p>2. Auto Threshold/ Sharpness</p>	<ul style="list-style-type: none"> • Auto Threshold - Values from 1 to 17 (higher values make output darker). • Sharpness - softens the image sections with constant colors to make raster virtually invisible. Object edges and text remain sharp and can even be sharpened. 	
<p>3. Enable Background Removal</p>	<ul style="list-style-type: none"> • Used to tune background contrast (e.g. 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
4. Enable Despeckling	Removes black pixels in black & white mode.	 The icon for 'Enable Despeckling' features a cluster of black speckles above the text 'Enable Despeckling'.
5. Invert	This function shows a negative version of the picture.	 The icon for 'Invert' shows a house silhouette with a roof and chimney, positioned above the text 'Invert'.

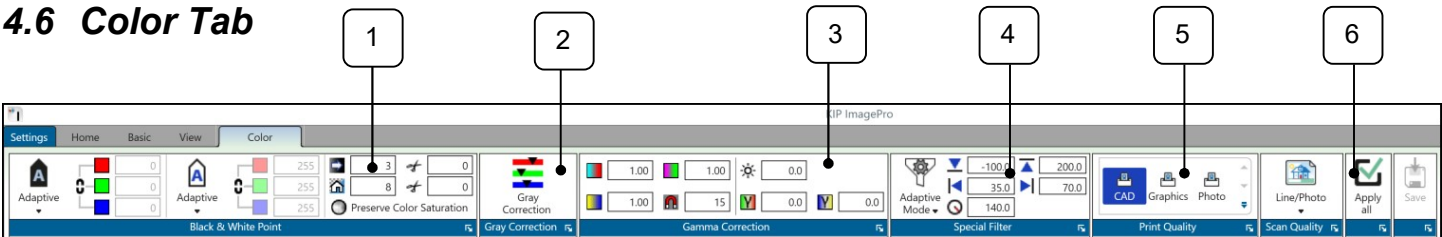
4.5 Gray Tab

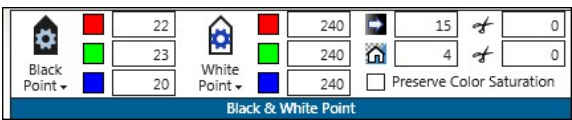

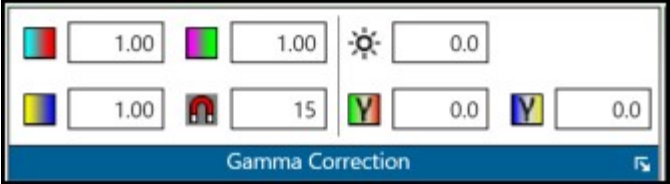


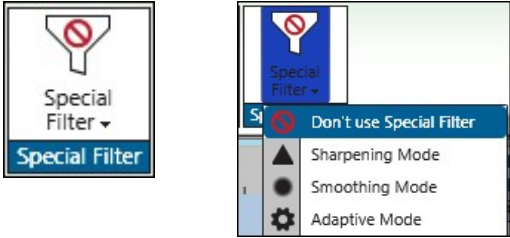
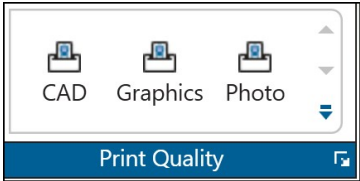

Step	Action	Illustration
<p>1. Black and White Point</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Black-point (Adaptive mode or Manual Mode) • White-point (Adaptive mode or Manual Mode) • Black Enhancement with Clip • Background Removal with Clip 	
<p>2. Advanced</p>	<ul style="list-style-type: none"> • Activate Area Adaptive Contrast – Enable • Brightness Adjust the overall brightness. • Max Line Blackening - • Radius - • Contrast - • Max Background Removal - • Invert – Inverts black to white and white to black. 	

Step	Action	Illustration
<p>3. Special Filter</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Don't use special filter (default) - • Sharpening Mode - This filter increases the contrast between light and dark pixels and drastically enhances the edge sharpness of text and lines. • Smoothing Mode - This filter is intended to reduce image noise and distortion, and affects the whole picture contrast. • Adaptive Mode - is made of two unique filters, both possessing the features of <i>SHARP</i> and <i>SMOOTH</i>, 	

4.6 Color Tab

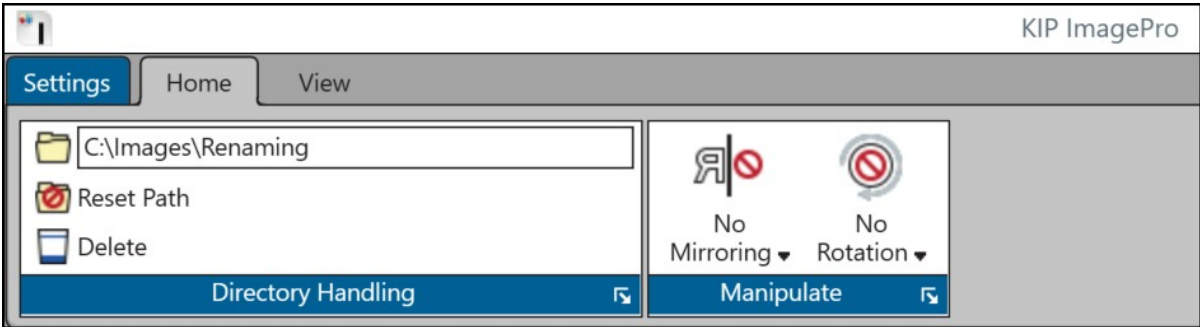


Step	Action	Illustration
<p>1. Black and White Point</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Black-point (RGB Values) • White-point (RGB Values) • Black Enhancement with Clip • Background Removal with Clip • Preserve Color Saturation 	 <p>The illustration shows the 'Black & White Point' panel with input fields for Black Point (R: 22, G: 23, B: 20) and White Point (R: 240, G: 240, B: 240). It also includes a 'Preserve Color Saturation' checkbox and a 'Clip' value of 4.</p>
<p>2. Gray Correction</p>	<p>Used to make simple gray adjustments to the gray output.</p> <ul style="list-style-type: none"> • Adjust the Red/Green/Blue by typing values into the table. 	 <p>The illustration shows the 'Gray Correction' panel with three vertical sliders for adjusting Red, Green, and Blue components.</p>
<p>3. Gamma Correction</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Adjust colors Cyan to Red • Adjusts Colors Magenta to Green • Adjusts Colors Yellow to Blue • Snap to Gray - With SNAP TO GRAY you can define how far the values can differ • Adjusts Brightness • Adjusts Colors Green to Red • Adjusts Colors Blue to Yellow 	 <p>The illustration shows the 'Gamma Correction' panel with sliders for Cyan to Red (1.00), Magenta to Green (1.00), Yellow to Blue (1.00), and a Brightness slider (0.0). It also includes a 'Snap to Gray' value of 15 and a 'Y' slider (0.0).</p>

Step	Action	Illustration
<p>4. Special Filter</p>	<p>Allows the user to adjust the following settings:</p> <ul style="list-style-type: none"> • Don't use special filter (default) • Sharpening Mode • Smoothing Mode • Adaptive Mode 	
<p>5. Print Quality</p>	<p>Determines the Output quality of the Document being copied.</p> <p>Defaults:</p> <ul style="list-style-type: none"> • CAD • Graphics • Photo 	
<p>6. Scan Quality</p>	<p>Determines the input quality (document through the scanner) of the Document being copied.</p> <p>Defaults:</p> <ul style="list-style-type: none"> • Line • Line/Photo • Graphics 	

5 Rename

The Rename function will allow scanned or existing files to easily be renamed.



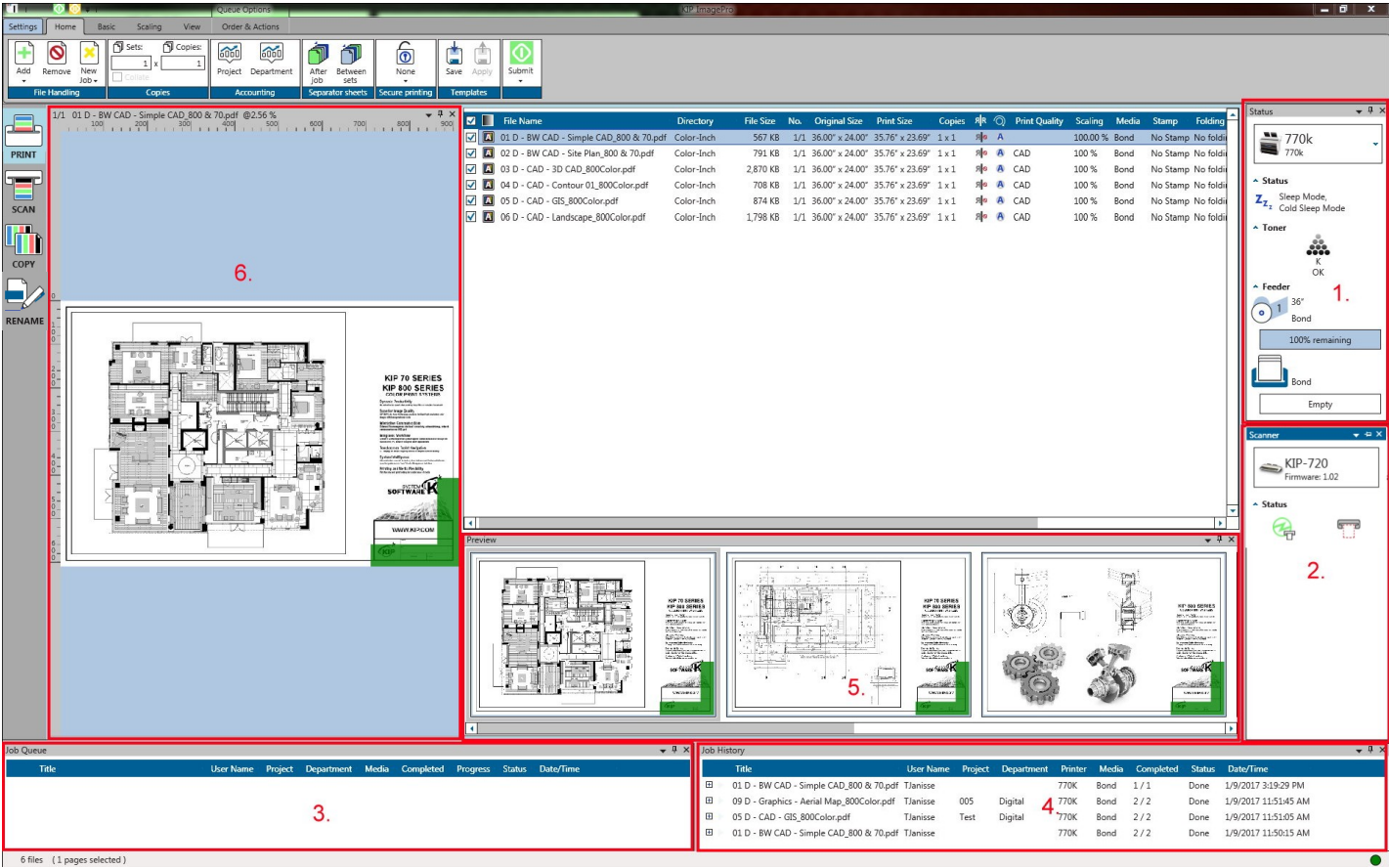
Step	Action	Illustration
1. Add Files	Use this to browse to specific locations that have files to be renamed.	
2. Reset Path	Use this to clear out the current path so another path can be selected.	
3. Delete	Used to delete files from the Job matrix of files being renamed. Note: this does not delete the file from the selected folder location just the Rename Matrix.	
4. Mirroring	Used to Mirror the image. Choose from: <ul style="list-style-type: none"> • None • Horizontal Mirroring 	
5. Rotation	Used to Rotate the image. Choose from: <ul style="list-style-type: none"> • No Rotation • 90° • 180° • 270° <p>Note: Mirroring is done in the High Definition Viewer only and does not apply to the original saved file.</p>	

6 Configuring the KIP ImagePro Screen

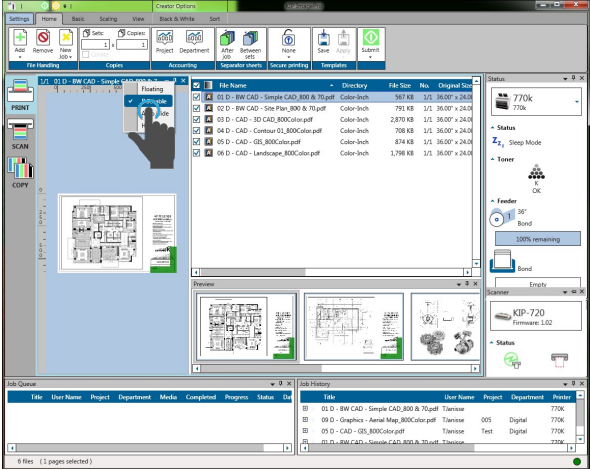
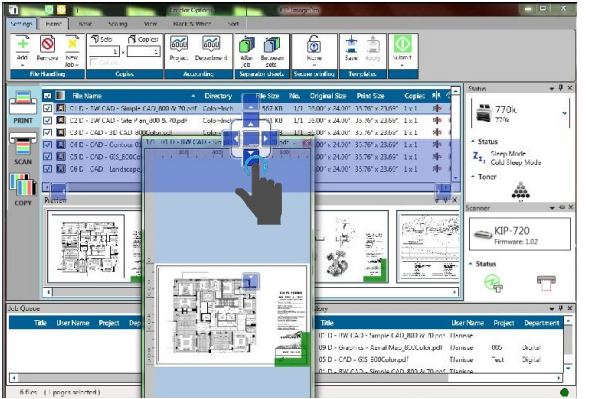
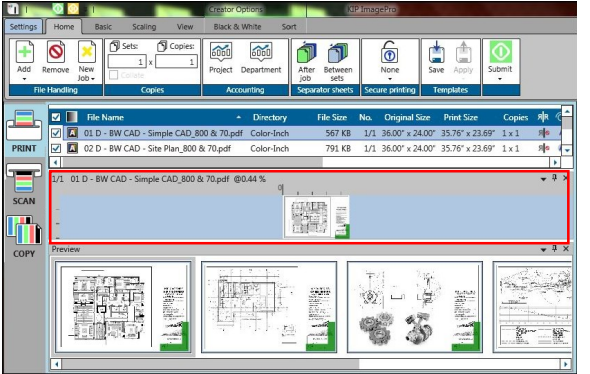
There are many ways the user can configure the KIP ImagePro screen to suit their needs. The main screen consists of Panes that can be rearranged or removed. The Panes are the individual visible sections of the user interface (in **RED**) and the tabs are the individual minimized sections of the user interface (in **BLUE**). However, with customization the Panes can become Tabs and the Tabs can become Panes.

(Note: Printer and Scanner Status are hidden by default but shown in screen shots in the docked position for this manual. Please see section 5 for further details).

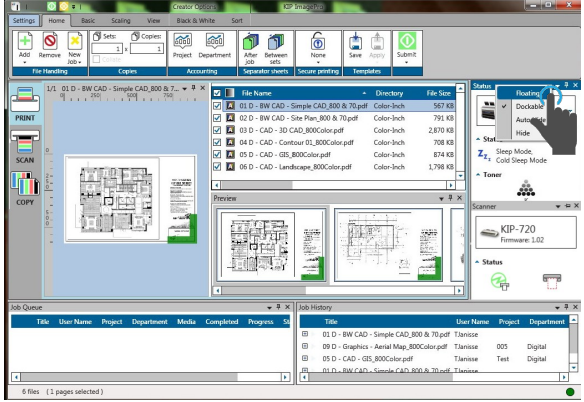
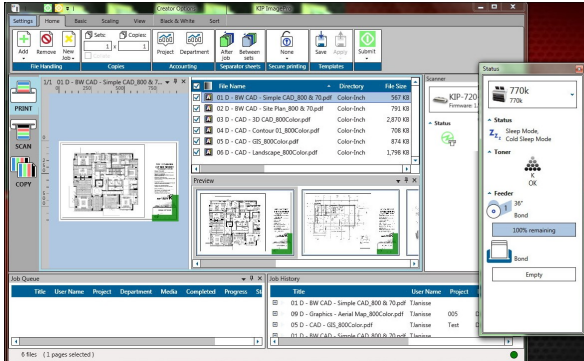
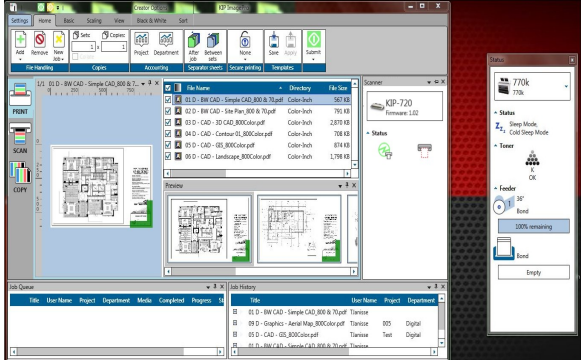
Depending on how often a Tab or Pane is used, it can be hidden or displayed. The next section will explain how these Panes and Tabs can be used.



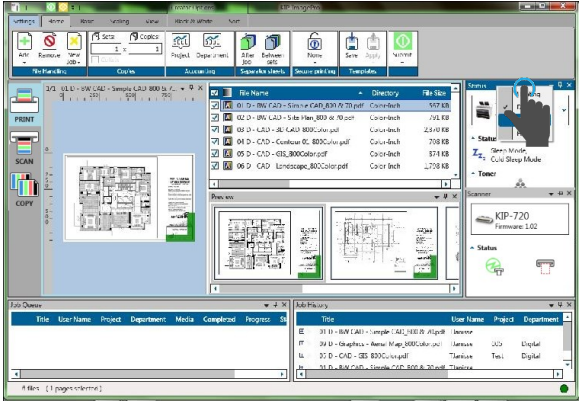
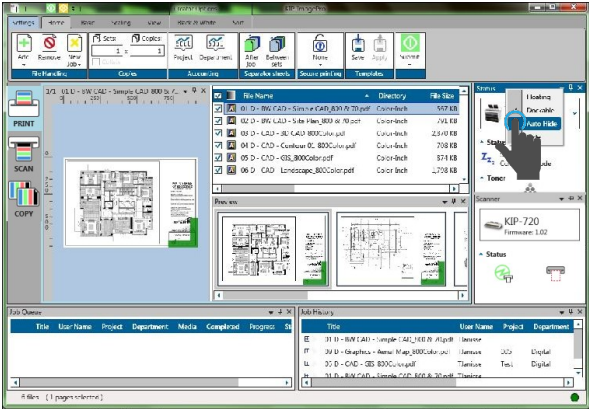
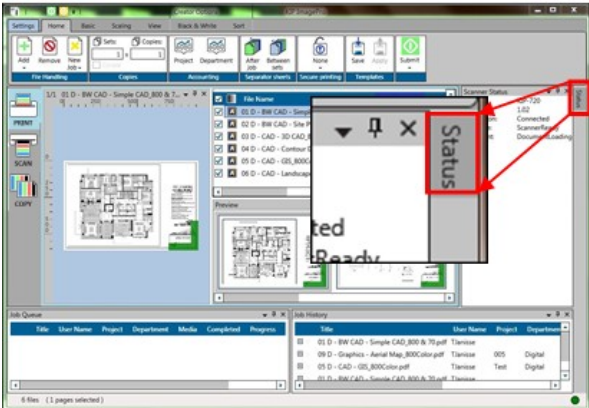
6.1 Dockable

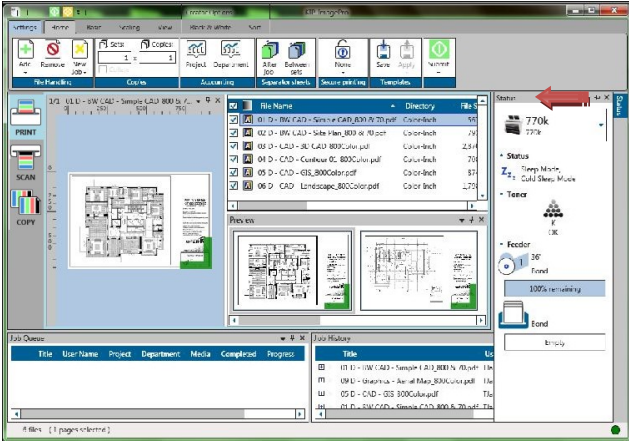
Step	Action	Illustration
<p>1.</p>	<p>Placement of Panes</p> <p>Dockable – Move pane within screen</p> <p>Using the mouse, click and hold on the top bar of the pane to be moved.</p> <p>Then drag this pane outside the KIP ImagePro Screen.</p> <p>Note: It is also possible to right click on the main bar and choose from the list of functions.</p>	
<p>2.</p>	<p>Move the pane to the desired position on the pad.</p> <p>Note: The location where the pane will be place will highlight in blue.</p>	
<p>3.</p>	<p>Release the mouse button to place the pane in the new position.</p>	

6.2 Floating

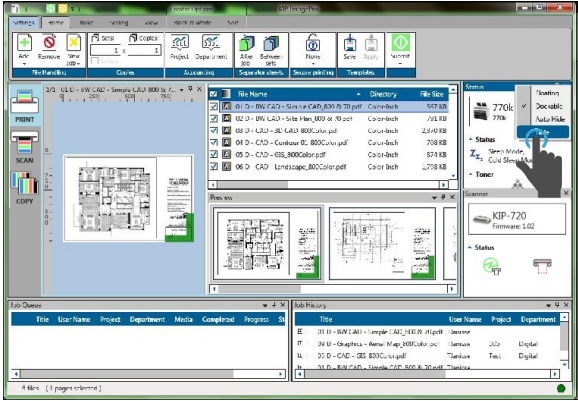
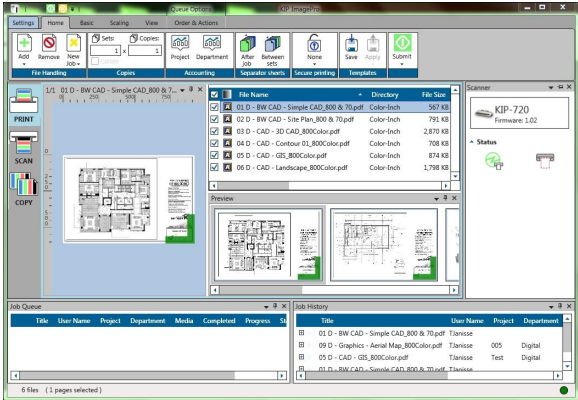
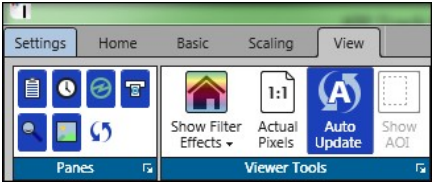
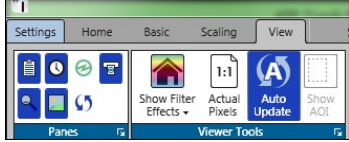
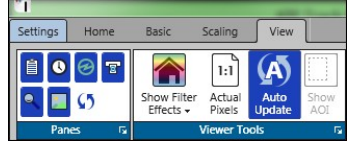
Step	Action	Illustration
1.	<p>Floating – Moves pane outside of screen</p> <p>Using the mouse, click and hold on the top bar of the pane to be moved.</p> <p>Note: It is also possible to right click on the main bar and choose from the list of functions.</p>	
2.	<p>Move the pane to the desired position outside of the main KIP ImagePro screen.</p>	
3.	<p>Place the pane anywhere outside the main screen on your available desktop.</p> <p>Note: If multiple monitors are used the pane can be placed on a separate monitor as well.</p>	

6.3 Auto Hide

Step	Action	Illustration
1.	<p>Auto Hide – Hides panes that are not in use.</p> <p>If a pane is used but not that often it is possible to Auto Hide this pane.</p> <p>Right click on the top bar of the pane.</p>	
2.	<p>When the drop down opens select the Auto Hide function.</p>	
3.	<p>The Status Pane will now show up on the right side of the screen as a small tab.</p>	

Step	Action	Illustration
4.	<p>Mouse over the tab and the Pane will pop out again and then Auto Hide when not in use.</p>	

6.4 Hide





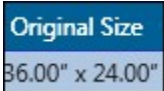

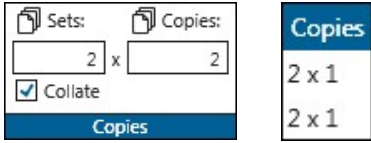
Step	Action	Illustration
1.	<p>Hide – Remove Pane.</p> <p>If a pane is not going to be used it is also possible to just Hide that pane from sight.</p> <p>Right Click on the top bar of the pane to be hidden and then select the Hide function.</p>	
2.	<p>Once Hide is selected the pane will no longer be available.</p> <p>Note: The right side no longer has a Status pane.</p>	
3.	<p>To return a pane that has been Hidden (not Auto Hide)</p> <p>Go to the View tab.</p>	
4.	<p>The Status Icon will be un selected. Select it again and this will add the Status Pane back to the Main screen</p>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="732 1503 1078 1696"> <p>Status Off</p>  </div> <div data-bbox="1133 1503 1479 1696"> <p>Status On</p>  </div> </div>



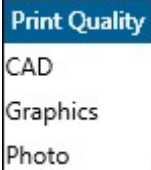



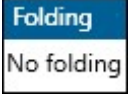
6.5 Job Matrix Configuration


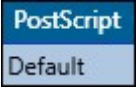
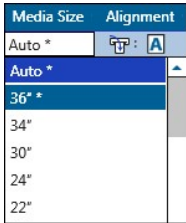
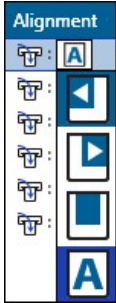

The Job Matrix section can be manipulated for the best work flow for the user as well as used to configure the files in the current job.

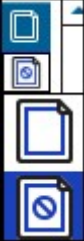
<input checked="" type="checkbox"/>	File Name	Directory	File Size	No.	Original Size	Print Size	Copies	Print Quality	Scaling	Media	Stamp	Folding	Hpgl
<input checked="" type="checkbox"/>	01 D - BW CAD - Simple CAD_800 & 70.pdf	Color-Inch	567 KB	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	A	100 %	Bond	No Stamp	No folding	Default
<input checked="" type="checkbox"/>	02 D - BW CAD - Site Plan_800 & 70.pdf	Color-Inch	791 KB	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	A	100 %	Bond	No Stamp	No folding	Default
<input checked="" type="checkbox"/>	03 D - CAD - 3D CAD_800Color.pdf	Color-Inch	2,870 KB	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	A	100 %	Bond	No Stamp	No folding	Default
<input checked="" type="checkbox"/>	04 D - CAD - Contour 01_800Color.pdf	Color-Inch	708 KB	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	A	100 %	Bond	No Stamp	No folding	Default
<input checked="" type="checkbox"/>	05 D - CAD - GIS_800Color.pdf	Color-Inch	874 KB	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	A	100 %	Bond	No Stamp	No folding	Default
<input checked="" type="checkbox"/>	06 D - CAD - Landscape_800Color.pdf	Color-Inch	1,798 KB	1/1	36.00" x 24.00"	35.76" x 23.69"	1 x 1	A	100 %	Bond	No Stamp	No folding	Default

Step	Action	Illustration
1.	Column Chooser – Right Click in the Job Matrix area to open the Column Chooser to turn on/off individual fields that may or may not be used.	
2.	Color Mode – Select the dropdown to select from available color modes. <ul style="list-style-type: none"> • B&W • Greyscale • Color (if attached to a color printer) 	
3.	File Name – Displays the name of the selected file.	

Step	Action	Illustration
4.	Directory – Displays the location of the selected file.	
5.	File – Displays both the file name and the file location.	
6.	File Size – Displays the actual File size.	
7.	Number (NO.) – Displays the number of the file. If a multipage is selected this would be noted here.	
8.	Original size – Displays the original size of the file.	
9.	Print Size – Displays the output size of the selected file (s)	
10.	Sets/Copies – Displays the number of sets and copies to be printed. Note: Double clicking in this field will allow sets to be adjusted for entire job as well as copies to be adjusted for that specific file	

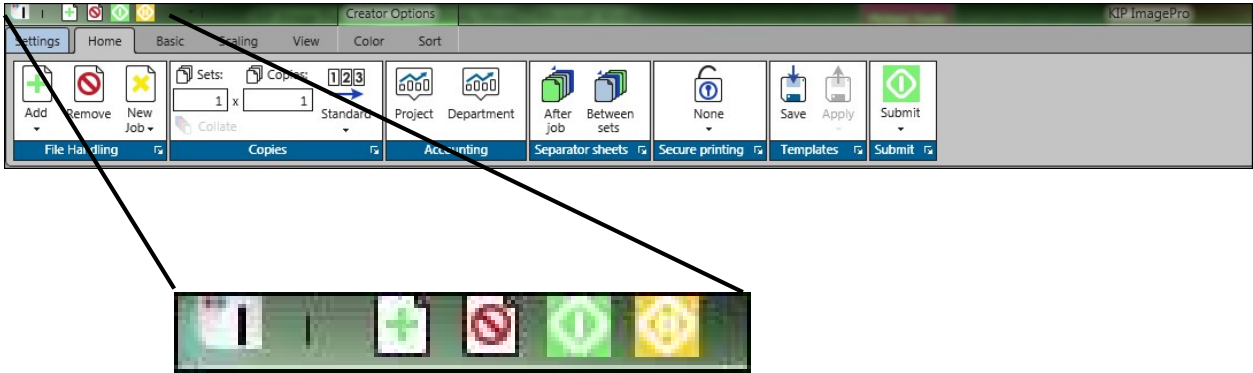
Step	Action	Illustration
11.	Mirror – Mirrors selected file (black to white and White to Black)	
12.	Rotate – Allows for the rotation of the selected file(s).	
13.	Print Quality – Displays the selected Print Quality setting assigned to the specific file(s).	
14.	Scaling – Displays the scaling percentage for the selected file(s).	
15.	Media – Select from Available configured medias including: <ul style="list-style-type: none"> • Bond • Vellum • Film Custom medias will show here as well	
16.	Stamp – Select available stamps to be applied to the final output.	
17.	Folding – if a folder is attached the user can select from pre-configured folding packets or let the Printer determine the fold based on size.	

Step	Action	Illustration
18.	HPGL – Used to apply pre-configured HPGL templates.	
19.	Postscript - Used to apply pre-configured Postscript templates.	
20.	Media Size – Used to specify the Media size (roll) to print on.	
21.	Alignment – Select from the following: <ul style="list-style-type: none"> • Left Justify • Right Justify • Centered • Auto 	
22.	Closest/Exact Media - Enable/Disable Maximum allowable waste to print small size images on larger sheet sizes. 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.	

Step	Action	Illustration
23.	Remove White Borders – Removes excess white borders for files being printed.	 A vertical toolbar from the KIP ImagePro software. The 'Remove White Borders' tool is highlighted with a blue background. It is represented by a square icon containing a white document with a blue border and a diagonal slash through it. Above it are other icons: a square with a white document, a square with a white document and a blue border, and a square with a white document and a blue border.

6.6 Quick Access Toolbar

The Quick Access Toolbar allow for the customization of a toolbar for frequently used buttons making them available on all pages. This reduces the need to go back to a specific tab to do a function such as Submit the job from the Home tab.



Step	Action	Illustration
1.	Quick access toolbar	This toolbar by default will be located at the top left of the screen. It can be moved to below the ribbon
2.	Right Click on the Quick Access Toolbar and select "Show Quick Access Toolbar Below the Ribbon"	
3.	The Quick Access Toolbar can be used for settings that are used often. Right click on a function in the Toolbar and select "Add to Quick Access Toolbar". For Example, the Stamp function.	

7 System Presets/Notifications Setup

System Presets are presets that are configured through KIP ImagePro that control the functions of specific items associated with the KIP Printer. This section will describe how to configure the available presets from within KIP ImagePro.

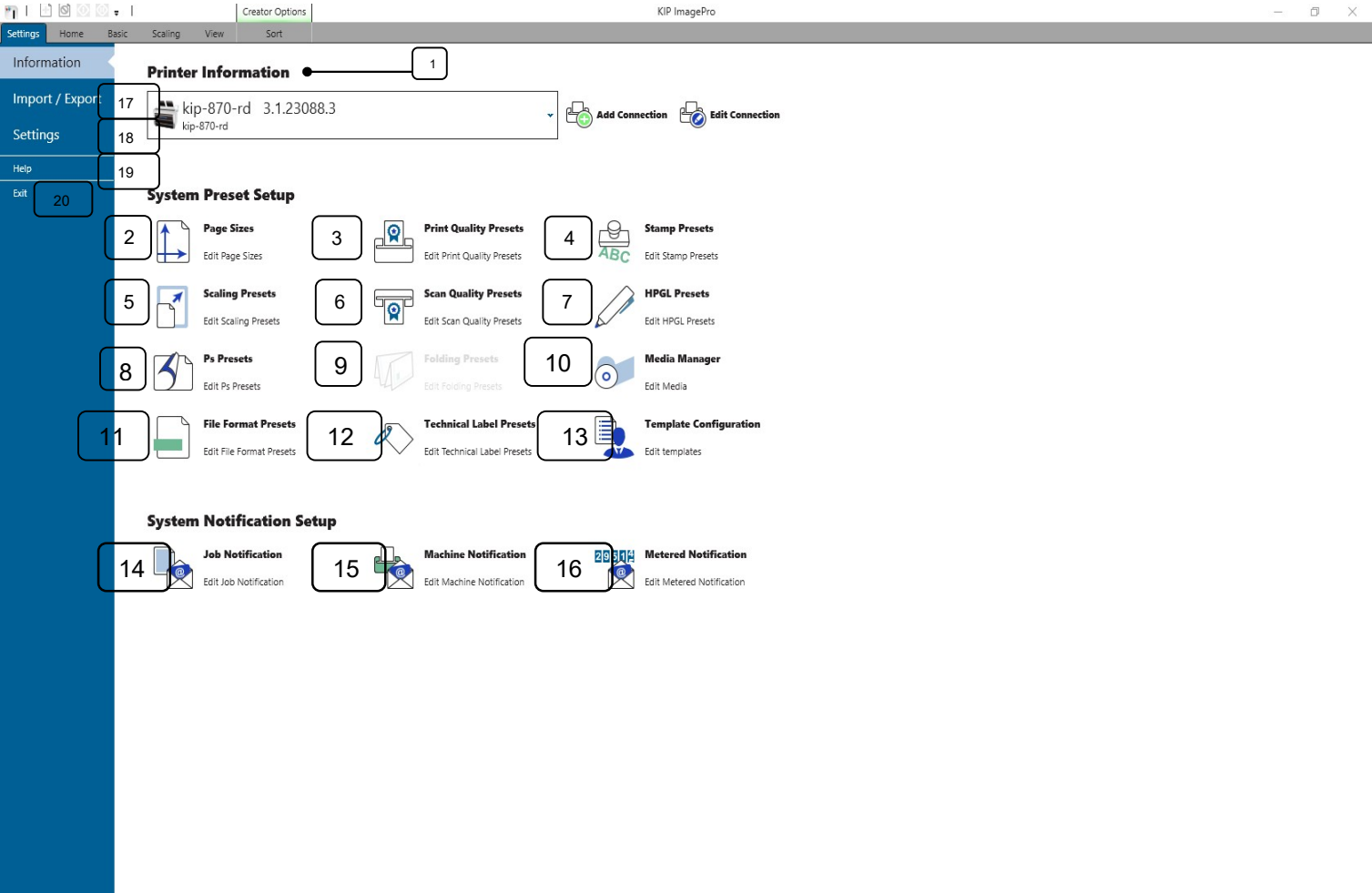
System Preset Setup

- Page Size
- Scaling Presets
- PS Presets
- File Format Presets
- Print Quality Preset
- Scan Quality Presets
- Folding Presets
- Technical Label Presets
- Stamp Presets
- HPGL Presets
- Media Manager

System Notification Setup

- Job Notification
- Machine Notification
- Metered Notification

Please note: These same presets can also be configured through KIP PrintPro.Net.

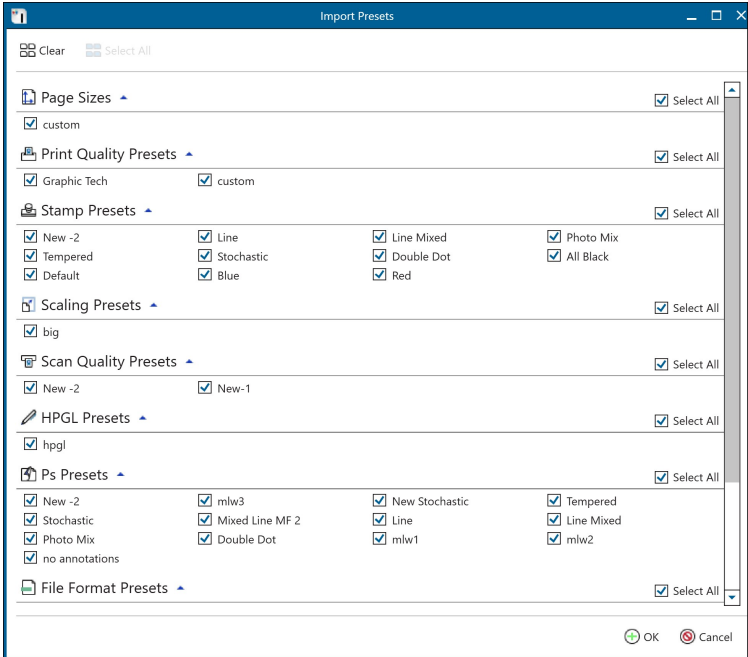


Component	Function
1. Printer Information	Allows users to add new KIP printers or edit existing KIP printers
2. Page Sizes	Allows users to edit Page Sizes
3. Print Quality Preset	Allows users the ability to create new print Quality settings.
4. Stamp Presets	Allows users to edit Stamp Presets
5. Scaling Presets	Allows users to edit Scaling Presets
6. Scan Quality Presets	Allows users to edit Scan Quality Presets
7. HPGL Presets	Allows users to edit HPGL Presets
8. Postscript Presets	Allows for the adjustments of Postscript settings.
9. Folding Presets	Allows users to edit Folding Presets
10. Media Manager	Allows user to create New Medias
11. File Format Presets	Allows users to make adjustment to available file formats
12. Technical Label Presets	Allows users to create new technical labels
13. Template Configuration	Allows users to delete, rename and make templates private
14. Job Notification	Allows users to edit Job Notifications
15. Machine Notification	Allows users to edit Machine Notifications
16. Metered Notification	Allows users to edit Metered Notifications
17. Import/Export	Allows the user to import/export the custom presets that have been created
18. Setting	Contains the application Preferences, Template Settings, Job Validation Settings, Scanner Administration and Application Mode
19. Help	Provides application version
20. Exit	Closes application

7.1 Import/Export

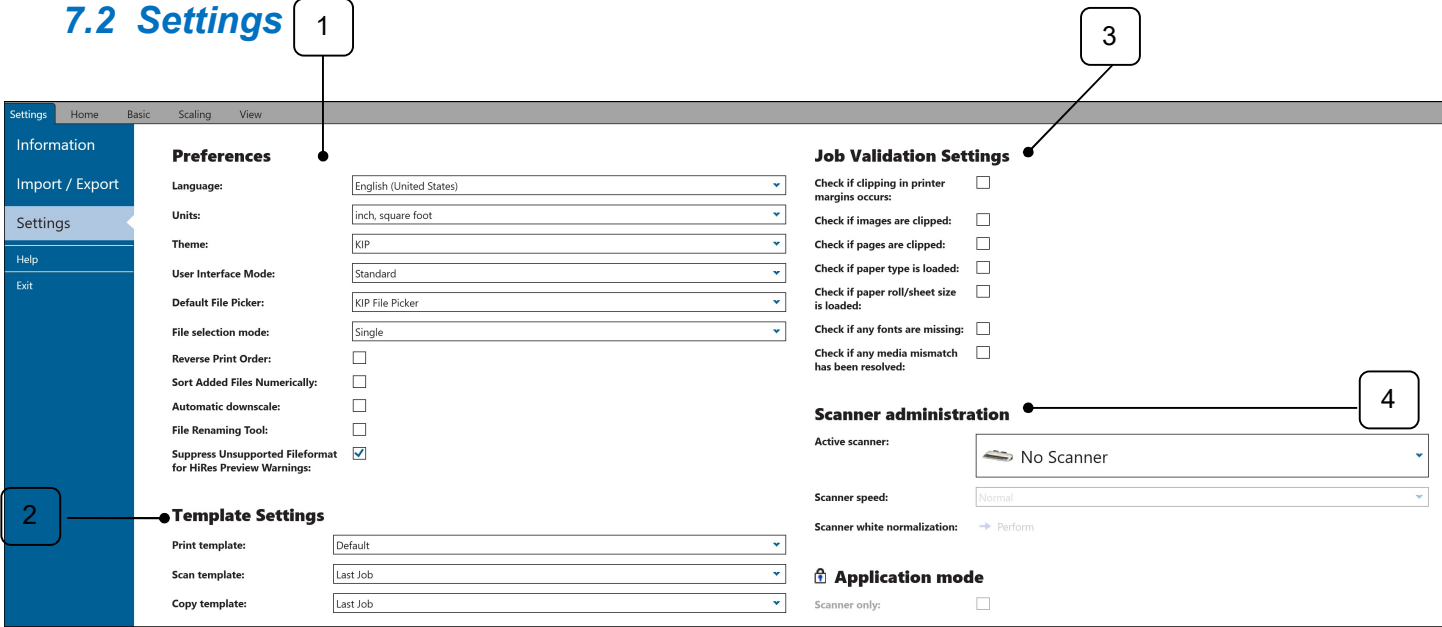


Step	Action	Illustration
1.	Import	This is used to import presets that have previously been saved using the “Export” function of KIP ImagePro.
2.	Export	This is used to export the custom presets that have been made in KIP ImagePro



Note: once the custom prests have been exported these can be used to import to other KIP Printers (both B7W and Color. When importing the custom presets to import will be listed and can be turned on or off.

7.2 Settings

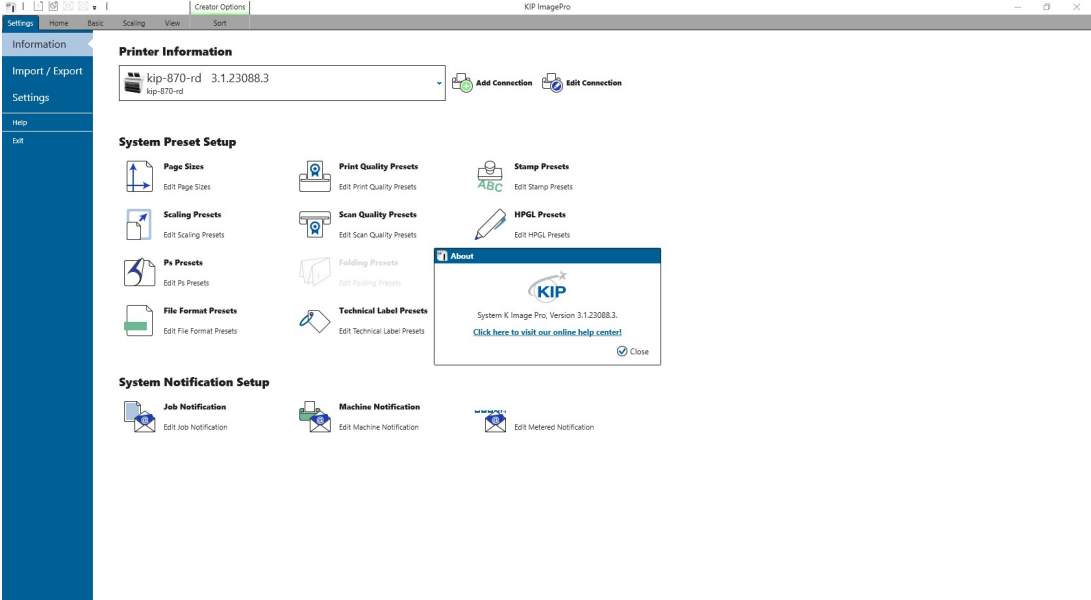


Component	Function
<p>1. Preferences</p>	<p>Used to set the user preferences for ImagePro at this workstation including:</p> <ul style="list-style-type: none"> • Language – Used to set language on this instance of ImagePro • Units – Used to set the units for printing • Theme – used to set the color scheme • User Interface Mode – Used to set the software into Standard Mode (less features) or Expanded Mode (all features) • Default File Picker – used to set the default file selection tool to be used. • File Selection mode – Used to be able to select more than one copy of a file. • Reverse Print Order – Used to set as default Reverse Print Order. • Sort Added Files Numerically – Used to load the selected files based on their Numerical order. • Allow Automatic Downscale – If a file is selected that is too large to print (bigger than 36”) it will automatically be downscaled to the largest roll by the necessary length needed to keep the aspect ratio correct. • File Renaming Tool – Turns On/Off the Rename tool • Suppress Unsupported File Format for HiRes Preview warnings – when checked will not display warning a file type is unsupported for HiRes preview.

Component	Function
<p>2. Template Settings</p>	<p>Allows users to set a specific template to be used as the default for the ImagePro Application at their workstation. A</p> <p>Note: The Template that is selected here from the dropdown list will be the default template used on this instance of KIP ImagePro.</p>
<p>3. Job Validation Settings</p>	<p>Set to confirm job settings will be valid for printing.</p> <ul style="list-style-type: none"> • Check Clipping in Printer margins occurs - Warns the user if image content (inked area) is within the non-printable margins of the printer • Check if images are clipped - Warns if image is clipped (e.g. scaled bigger than roll) • Check if pages are clipped - Warns if image is clipped (e.g. placed on smaller sheet) • Check if paper type is not loaded - Warns if selected media type is not loaded, so that job will most likely not print • Check if roll/sheet size is not loaded - Warns if selected roll width is not loaded, so that job will most likely not print <p>Check if any fonts are missed - Warns if fonts which are used in the file are missing (not embedded in file and not installed to controller) so that a font replacement will take place.</p>

Component	Function
<p>4. Scanner Administration</p>	<ul style="list-style-type: none"> Active Scanner – Used to set the scanner type connected <div data-bbox="703 512 1320 632" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Active scanner: KIP-2300</p> <p style="font-size: small;">No Scanner</p> <p style="font-size: small; background-color: #0056b3; color: white;">KIP-2300</p> <p style="font-size: small;">KIP-720</p> </div> Scanner Speed – Used to set the scanner speed to Normal (matches the dpi selected in the application) or Slow (sets the speed to 600 DPI) <div data-bbox="703 779 1320 871" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Scanner speed: Normal</p> <p style="font-size: small; background-color: #0056b3; color: white;">Normal</p> <p style="font-size: small;">Slow</p> </div> <p>through-put.</p> Scanner normalization – Used to perform White Balance of attached scanner. Note: White balance sheet needed). <div data-bbox="792 1024 1281 1110" style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Scanner white normalization: → Perform</p> </div> Scanner Only – Used when no printer is attached (stand-alone setup). Print and Copy buttons will not be displayed.
<p>5. Application Mode</p>	<ul style="list-style-type: none"> Allows for the selection of Scanner Only Mode (StandAlone Scanner). When checked, the only available buttons will be Scan mode. <p>Note: If the KIP ImagePro application is installed via the Installer from the KIP Software and Operation Guide or from the installer from the KIP website the Initial installation mode will be Scanner only.</p> <p>If not a Standalone scanner it will be necessary to click on the Lock (this will unlock the option) and unselect the Check Box. Then click the Lock again (this will lock the option). After this all options should be available for use based on purchased Keycodes.</p>

7.3 Help



Component	Function
1. Help	Selecting Help displays the Application version number.

7.4 Exit

Component	Function
2. Exit	Closes ImagePro Application

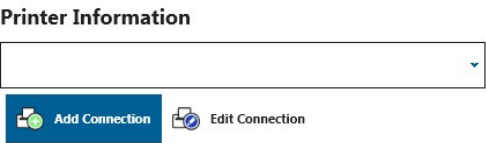
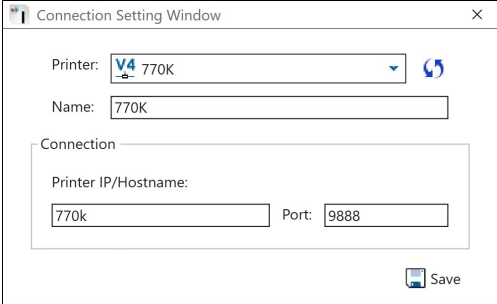
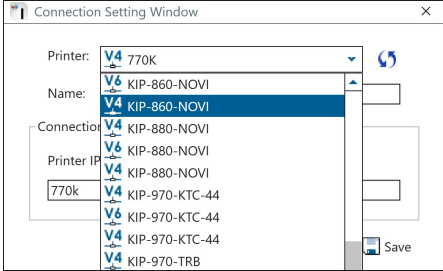

7.5 Printer Installation and Setup

The first step is to add the KIP Printer. This must be done to make the connection from the workstation to the KIP Printer so that jobs can be sent to be printed.


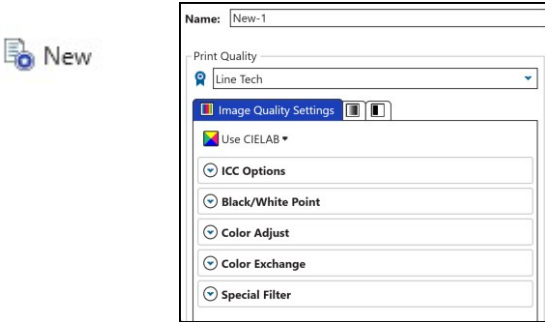
KIP ImagePro can be installed using two different methods:

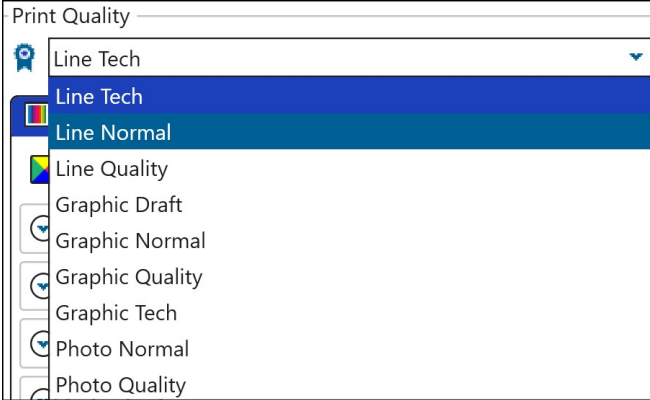
1. Standard Installation package (executable)
2. Installed by pulling the application from the KIP Printer via KIP PrintPro.Net

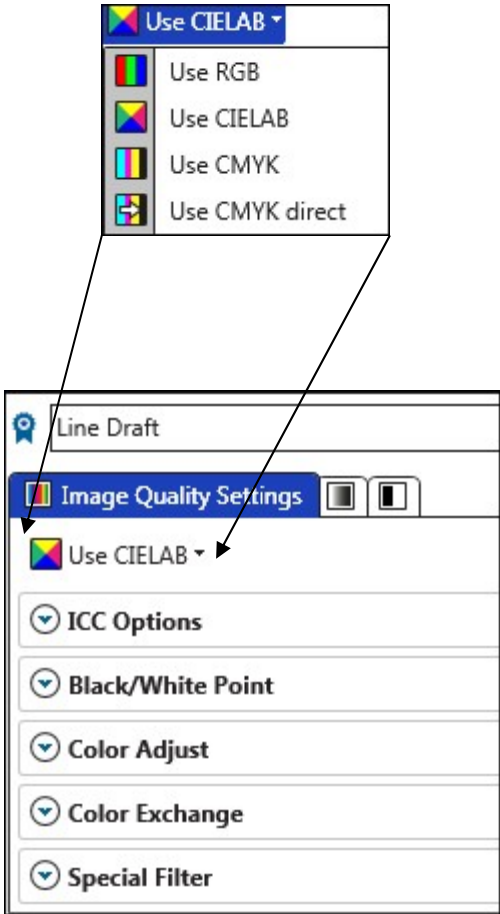
If the KIP ImagePro application is pulled from the KIP Printer, once installed it will already be connected to the KIP. If, however KIP ImagePro is installed via an install package, the following will be necessary.

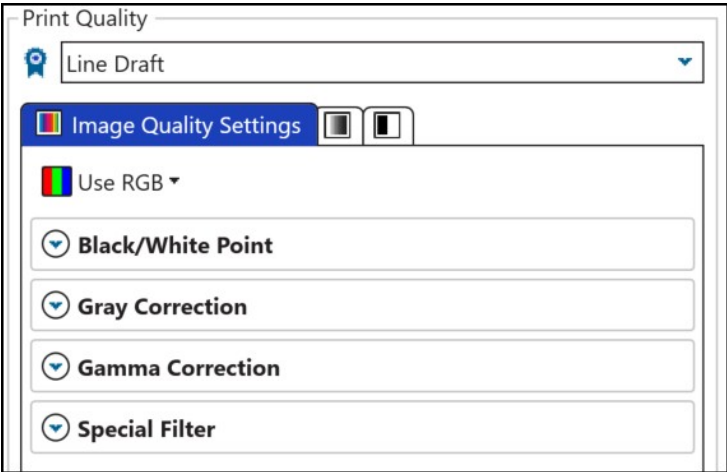
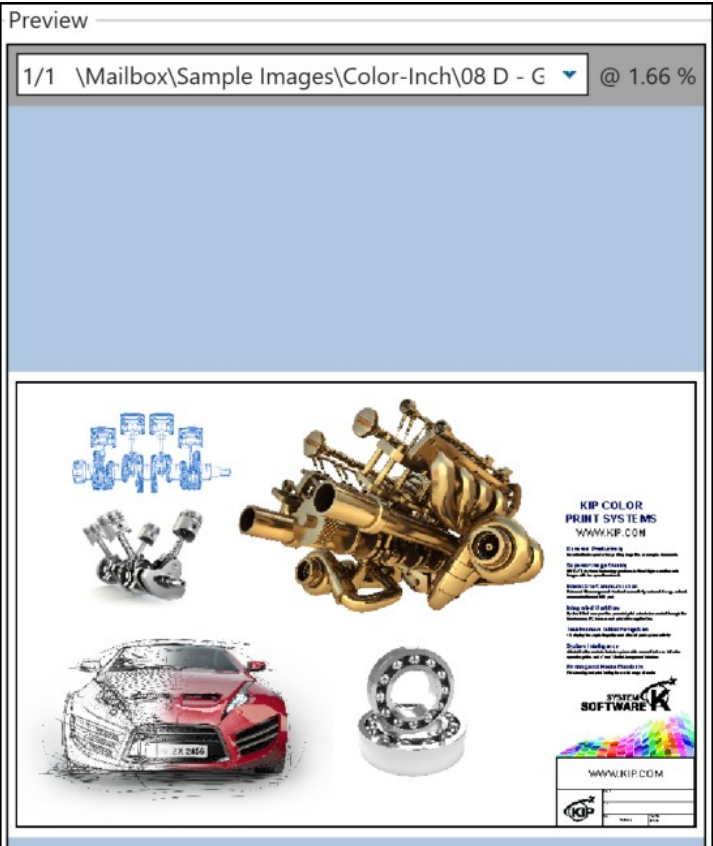
Step	Action	Illustration
1.	From the main screen select the Settings Tab. In the Information tab, select the Add Connection button.	 <p>The illustration shows a 'Printer Information' window with a dropdown menu, an 'Add Connection' button with a plus icon, and an 'Edit Connection' button with a refresh icon.</p>
2.	<p>The Connection Setting Window will open. This is where the following information will be entered:</p> <p>Printer Name – The name given to the KIP Printer during installation.</p> <p>Connection (IP/Hostname) – The IP address or the Hostname set at the Printer during Installation.</p> <p>Port – Port Number that will be used (default is 9888)</p> <p>Note: if the KIP ImagePro Application was pulled directly from the KIP the connection will automatically be established.</p>	 <p>The illustration shows the 'Connection Setting Window' with the following fields: 'Printer' (dropdown menu), 'Name' (text field), 'Connection' section containing 'Printer IP/Hostname' (text field) and 'Port' (text field), and a 'Save' button.</p>
3.	Pick the correct printer from the dropdown list.	 <p>The illustration shows the 'Connection Setting Window' with a dropdown menu open, displaying a list of printer models such as 'KIP-860-NOVI', 'KIP-880-NOVI', 'KIP-970-KTC-44', and 'KIP-970-TRB'.</p>
4.	Save – Select Save to set the new connection. When connection is made the Printer Information screen becomes active.	 <p>The illustration shows a 'Save' button with a floppy disk icon.</p>

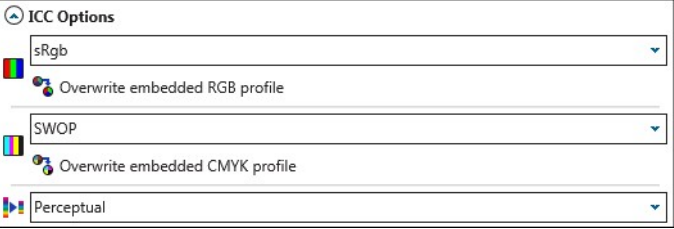
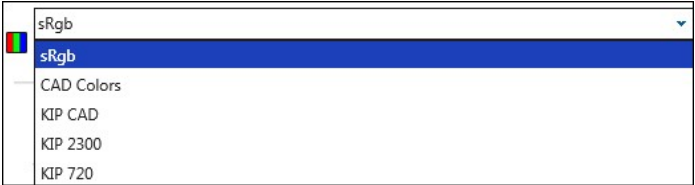


7.6 Print Quality Presets

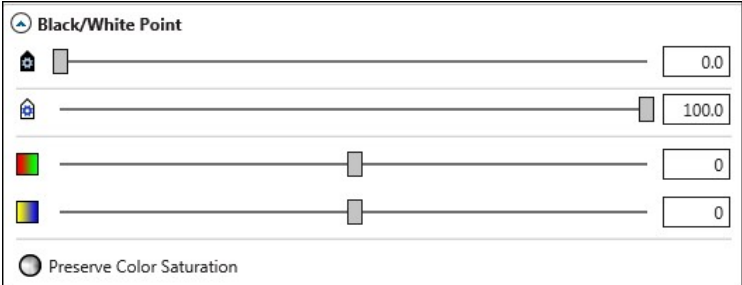
Step	Action	Illustration												
1.	Select the Print Quality Icon													
2.	Once open this screen will show all the pre-configured Print Quality modes as well as allow for the creation of new presets.	<table border="1" data-bbox="898 787 1295 978"> <thead> <tr> <th>Type</th> <th>Name</th> <th>Color Space</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>System CAD</td> <td>Use CIELAB</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>System Graphics</td> <td>Use CIELAB</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>System Photo</td> <td>Use CIELAB</td> </tr> </tbody> </table>	Type	Name	Color Space	<input checked="" type="checkbox"/>	System CAD	Use CIELAB	<input checked="" type="checkbox"/>	System Graphics	Use CIELAB	<input checked="" type="checkbox"/>	System Photo	Use CIELAB
Type	Name	Color Space												
<input checked="" type="checkbox"/>	System CAD	Use CIELAB												
<input checked="" type="checkbox"/>	System Graphics	Use CIELAB												
<input checked="" type="checkbox"/>	System Photo	Use CIELAB												
3.	<p>Selecting the “New” icon will allow for the creation of a new Print Quality preset.</p> <p>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.</p>													
4.	<p>Name– This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.</p>	<p>Name: <input type="text" value="New-1"/></p>												

<p>5.</p>	<p>Image Quality – Choose from the Dropdown of available settings.</p>	 <p>The screenshot shows a 'Print Quality' dropdown menu. The menu is open, displaying a list of options. The top option is 'Line Tech', which is currently selected and highlighted in blue. Below it are 'Line Normal', 'Line Quality', 'Graphic Draft', 'Graphic Normal', 'Graphic Quality', 'Graphic Tech', 'Photo Normal', and 'Photo Quality'. Each option is preceded by a small icon: a gear for 'Line Tech', a red square for 'Line Normal', a multi-colored square for 'Line Quality', and a circular arrow for the 'Graphic' and 'Photo' options.</p>
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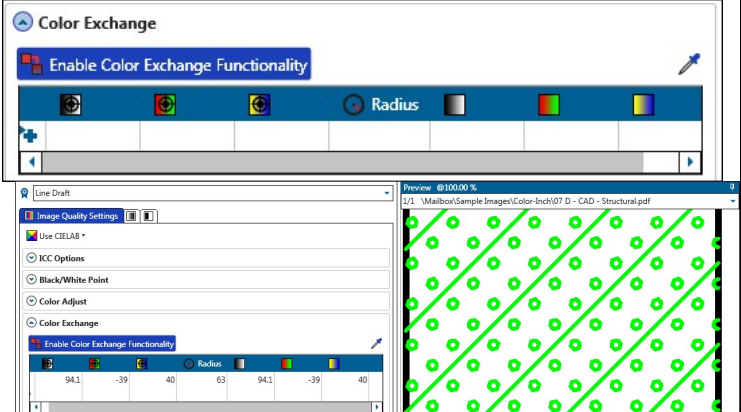
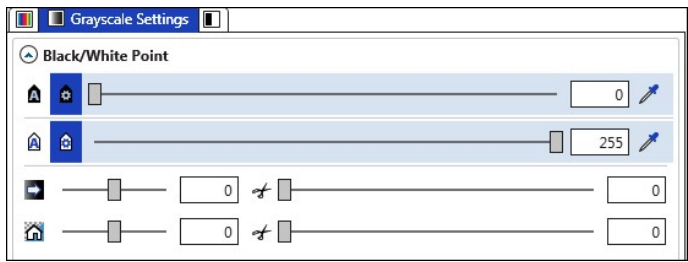
Step	Action	Illustration
6.	<p>Color Setting – There are multiple color settings that can be applied to the selected Color Space:</p> <ul style="list-style-type: none"> • Use RGB <ul style="list-style-type: none"> ○ Use RGB - allows for the setting of Black/White Point, Gray Correction, Gamma Correction and Special Filters. • Use CIELAB <ul style="list-style-type: none"> ○ Use CIELAB - allows for the setting of ICC/CIELAB Options, Black/White Point, Special Filter, Color Adjust and Color Exchange. • Use CMYK <ul style="list-style-type: none"> ○ Use CMYK – allows for the setting of ICC profiles (RGB, CMYK, Rendering Intents) and CMYK specific options. • Use CMYK direct <ul style="list-style-type: none"> ○ Use CMYK - has no additional settings as this uses the CMYK setting in the file created.. 	 <p>The illustration shows a software interface with a 'Line Draft' label at the top. Below it is the 'Image Quality Settings' panel, which includes a color space dropdown menu currently set to 'Use CIELAB'. A callout box provides a detailed view of this menu, listing four options: 'Use RGB', 'Use CIELAB', 'Use CMYK', and 'Use CMYK direct', each accompanied by a small color icon.</p>

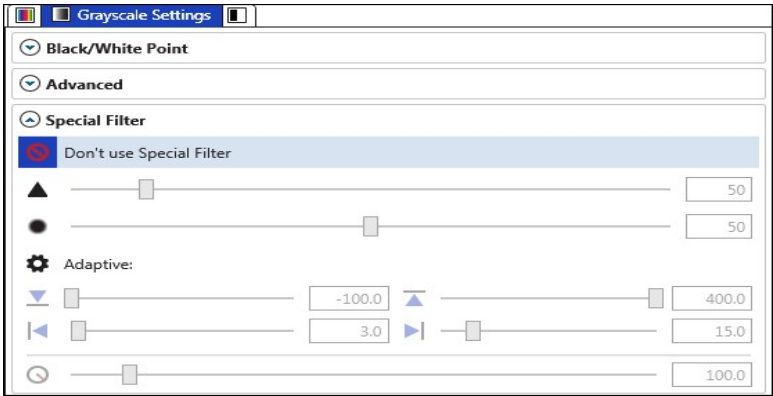
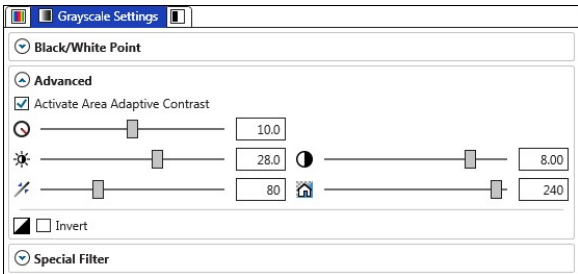
Step	Action	Illustration
	<p>Color Settings</p> <p>Use RGB:</p> <ul style="list-style-type: none"> • Black/White Point – <ul style="list-style-type: none"> ○ Adaptive mode – Auto quality ○ Manual – Allows the user to manually adjust with sliders. • Gray Correction – • Gamma Correction – • Special Filter - 	 <p>Print Quality Line Draft</p> <p>Image Quality Settings</p> <p>Use RGB</p> <p>Black/White Point</p> <p>Gray Correction</p> <p>Gamma Correction</p> <p>Special Filter</p> <p>HD Preview – Shows changes being made.</p>  <p>Preview</p> <p>1/1 \Mailbox\Sample Images\Color-Inch\08 D - G @ 1.66 %</p> <p>KIP COLOR PRINT SYSTEMS WWW.KIP.COM</p>

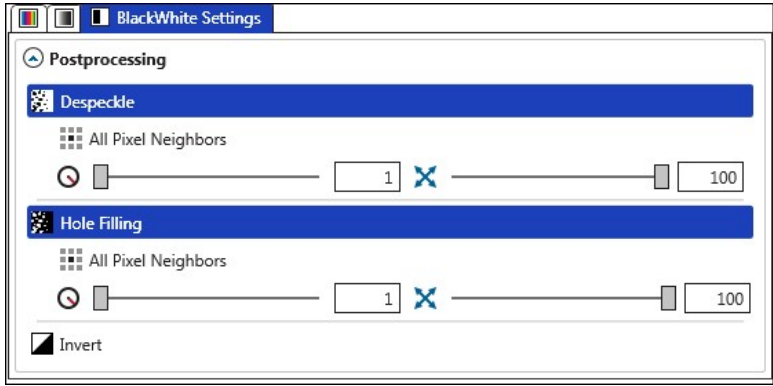
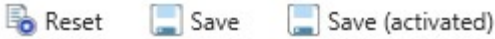
Step	Action	Illustration
	<p>Color Settings –CIELAB Options:</p> <ul style="list-style-type: none"> • RGB Profiles – Choose from sRGB with Overwrite embedded RGB profile on or off. • CMYK Profiles – Choose from SWOP and Euroscale with Overwrite embedded CMYK profile on or off. • Rendering Intent – Choose from <ul style="list-style-type: none"> ○ Perceptual ○ Absolute ○ Relative ○ Saturation 	 <p>ICC Options</p> <p>sRgb</p> <p>Overwrite embedded RGB profile</p> <p>SWOP</p> <p>Overwrite embedded CMYK profile</p> <p>Perceptual</p> <p>RGB</p>  <p>sRgb</p> <p>sRgb</p> <p>CAD Colors</p> <p>KIP CAD</p> <p>KIP 2300</p> <p>KIP 720</p> <p>CMYK</p>  <p>SWOP</p> <p>SWOP</p> <p>EuroScale</p> <p>EuroScale V2</p> <p>Device CMYK</p> <p>Rendering Intent</p>  <p>Perceptual</p> <p>Absolute</p> <p>Relative</p> <p>Perceptual</p> <p>Saturation</p>

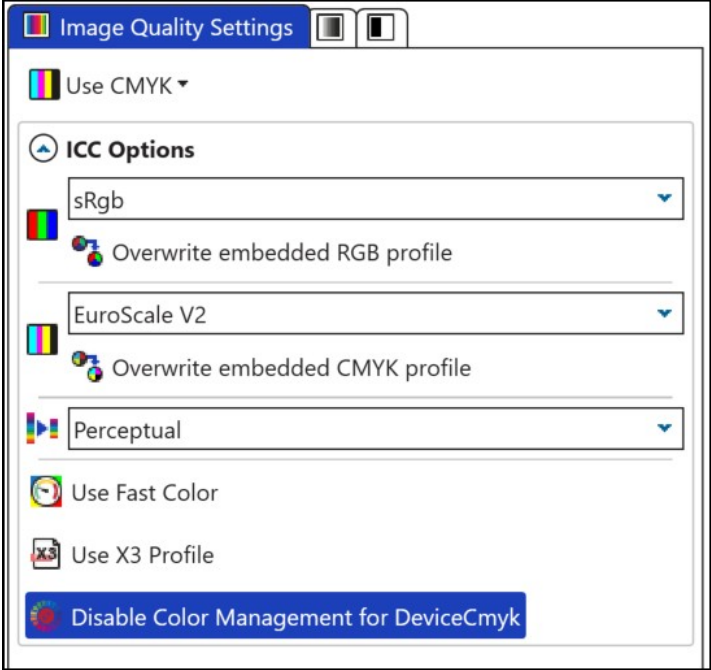
Step	Action	Illustration
	<p>Color Settings – CIELAB Options Continued:</p> <p>Black/White Point</p> <ul style="list-style-type: none"> • Black Point – Control the Lightness 0 to 100. 0. The lower the value the darker the output. • White Point – Control the Lightness 100 to 0. The higher the value the lighter the output. • Red to Green - Control the red to green value 0 to 127. The higher the value the more green in the output/the lower 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. • Preserve Color Saturation - Select Preserve Color Saturation to keep Color Saturation unaffected by any changes to Black and White Point. 	

Step	Action	Illustration
	<p>Color Settings – CIELAB Options Continued:</p> <p>Special Filter</p>	
	<ul style="list-style-type: none"> ▪ 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. 	
	<p>Color Adjust – Allows a fine tuning of the colors in the LAB color space.</p>	
	<p>The saturation channels are two half axis of the a- and b-channels.</p> <p>Brightness – Move the slider to control the brightness of the image lighter to darker.</p> <p>Contrast – Move the slider to control the Contrast of the image lighter to darker</p> <p>Red/Green Adjustment – Allows for adjusting the Red/Green in the image with the sliders.</p> <p>Blue/Yellow adjustment – Allows for adjusting the Blue/Yellow in the image with the sliders.</p> <p>Saturation – Control the overall saturation of the file (if chain is linked) or individual adjustments (if chain is unlinked)</p>	

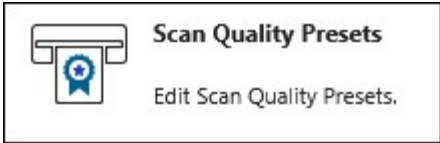

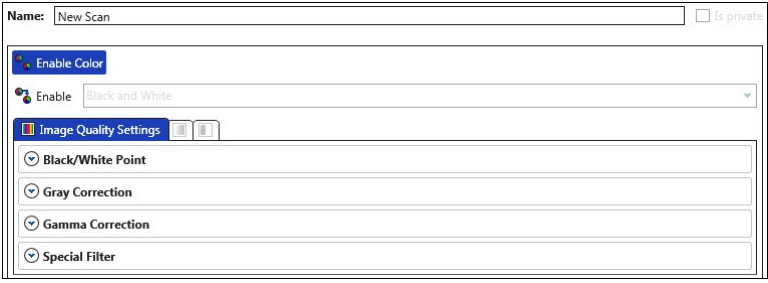
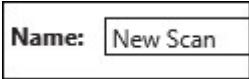
Step	Action	Illustration
7.	<p>Color Settings – CIELAB Options Continued:</p> <p>Color Exchange – To use select the Color Picker (eye dropper) and select the color to be changed. Or enter the Source color LAB values manually in the first three spaces (if available) Note: this is done by selecting the file to perform the color exchange on from the dropdown list in the preview section. To change the Target color (last three values (see spot color guide) enter the Target color LAB values in the last three spaces.</p>	
8.	<p>Greyscale Settings - There are multiple settings that can be applied to this selection:</p> <ul style="list-style-type: none"> • Black/White Point • Advanced • Special Filter 	
	<ul style="list-style-type: none"> ▪ Black Point <ul style="list-style-type: none"> • 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. ▪ White Point <ul style="list-style-type: none"> • Adaptive (WP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the White Point. • Custom Gray Value (WP) can be adjusted from 0 to 255. Setting this to a lower value will produce lighter text. ▪ Black Enhancement <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Used to tune background contrast (e.g. 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. 	

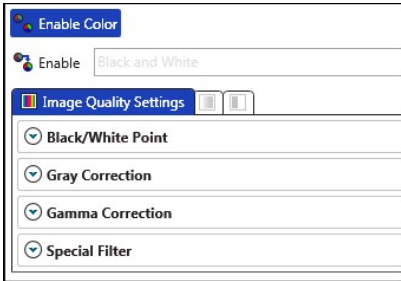
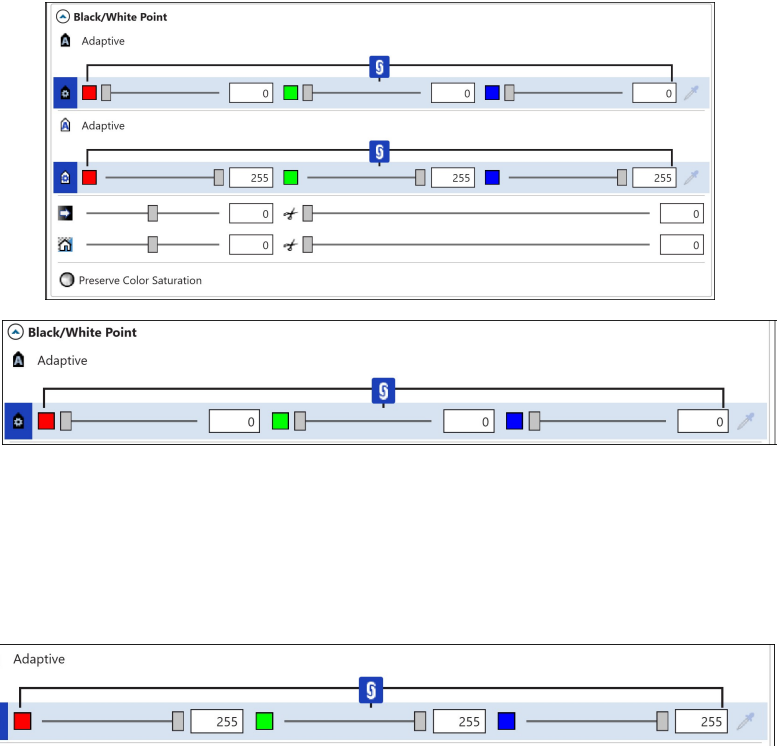
Step	Action	Illustration
	<p>Greyscale Settings – CIELAB Options Continued:</p> <ul style="list-style-type: none"> • Special Filter 	
	<ul style="list-style-type: none"> ▪ Don't Use Special Filter – Special Filter is not used when this is selected. ▪ Sharpening– Used to make fuzzy picture clear. As outlines 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. 	
	<p>Greyscale Settings</p> <ul style="list-style-type: none"> • Advanced 	
	<ul style="list-style-type: none"> • Radius – The Number of Pixels affected by current filter settings (values 0 to 20) • Brightness – Adjust the overall brightness of the image (values -100 to 100) • Contrast - Adjust the overall brightness of the image (values 0.01 to 10) • Max Line Blackening – Limits the value for the shade of gray considered as black by adjusting the density of black (values 0 to 255) • Max Background Removal – Limits the value for the shade of gray considered as white by adjusting the density of black to be removed (values 0 to 255) • Invert – Inverts the image black to white and white to black 	

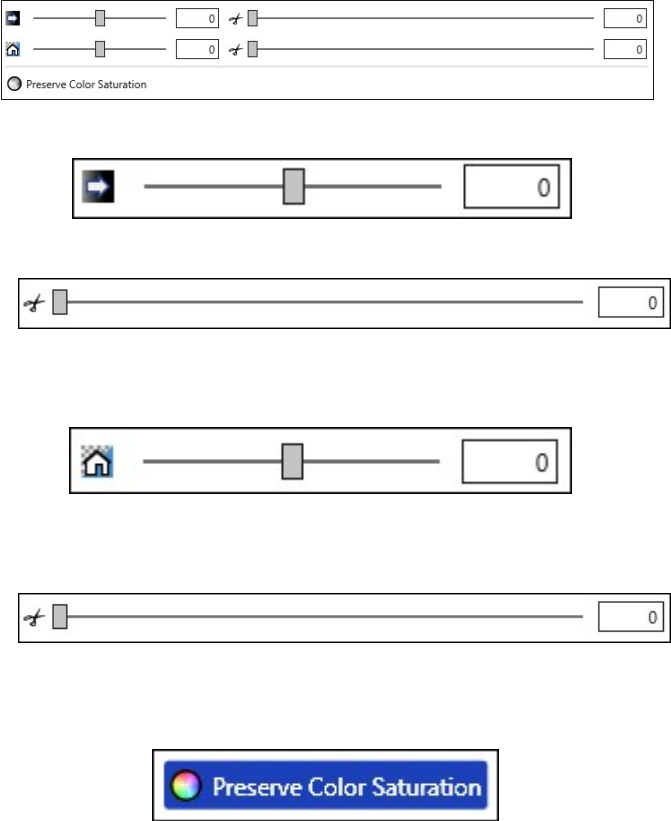

Step	Action	Illustration
9.	<p>Black/White Settings - There are multiple settings that can be applied to this selection:</p> <p>Despeckle - This option removes black pixels in black & white mode, for example from scans of murky originals. The filter searches for groups of black pixels and converts them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

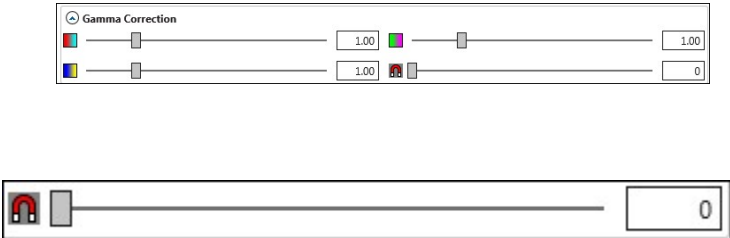
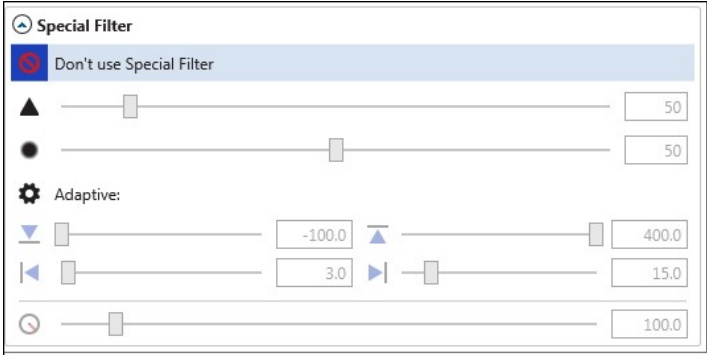
Step	Action	Illustration
	<p>Color Settings –CMYK Options:</p> <p>Use CMYK:</p> <ul style="list-style-type: none"> • ICC Options: • RGB Profiles – Used to select and apply available RGB profiles from a dropdown list. <ul style="list-style-type: none"> ○ sRgb ○ CAD Colors ○ KIP CAD ○ KIP 2300 ○ KIP 720 • CMYK Profiles – Used to select and apply available CMYK profiles from a dropdown list. <ul style="list-style-type: none"> ○ SWOP ○ EuroScale ○ EurpScale V2 ○ Device CMYK • Rendering Intent - – Used to select and apply different rendering intents from a dropdown list. <ul style="list-style-type: none"> ○ Absolute ○ Relative ○ Perceptual ○ Saturation • Use Fast Color • Use X3 Profile • Disable Color Management for DeviceCmyk 	 <ul style="list-style-type: none"> • Use X3 Profile – If the .pdf file has an X3 compatible profile embedded in it this will be honored. • Use Fast Color – This will turn off all ICC internally in the .pdf file and it will do standard 255 minus postscript color conversion between RGB and CMYK • Disable Color Management for DeviceCmyk – Switches off color management for CMYK elements without tagged icc profile.

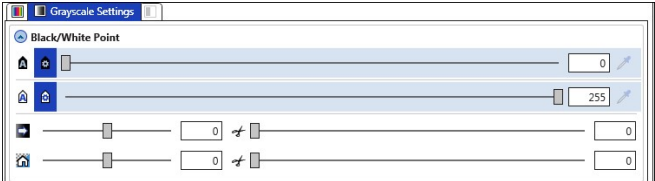
7.7 Scan Quality Presets

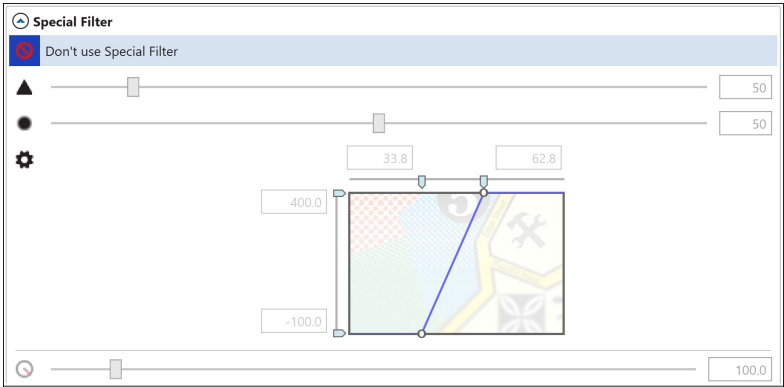
Step	Action	Illustration
1.	Select the Scan Quality Presets Icon	
2.	Once open this screen will show all the pre-configured Scan Quality Preset modes as well as allow for the creation of new presets.	
3.	<p>Selecting the “New” icon will allow for the creation of a new Scan Quality Preset.</p> <p>Fill in the appropriate sections and select “Save” to save the Preset or Save (active) to save the Preset and make it active as well.</p>	
4.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	

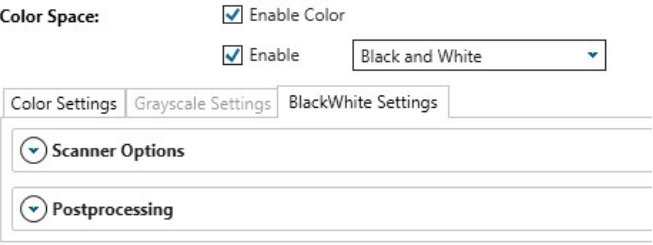

Step	Action	Illustration
5.	<p>Color Space – Choose from:</p> <p>Enable Color – Enables the color settings</p> <p>Enable – Enables the Grayscale and B&W settings, select mode with dropdown.</p> <p>Note: Both boxes checked will enable Color, Grayscale and B&W</p>	
6.	<p>Color Settings</p> <p>Blackpoint</p> <ul style="list-style-type: none"> • Adaptive (BP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the Blackpoint. • Consider Chroma - The adaptive values cannot be edited; they are calculated for every file. If the black values contain colors, please check the box Consider Chroma to remove them. • Custom Values – Control the values for the Red/Green/Blue settings. <p>White Point</p> <ul style="list-style-type: none"> • Adaptive (WP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the White point. • Consider Chroma - The adaptive values cannot be edited; they are calculated for every file. If the white values contain colors, please check the box Consider Chroma to remove them. • Custom Values - Control the values for the Red/Green/Blue settings. 	

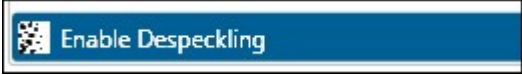
Step	Action	Illustration
	<p>Blackpoint – Continued</p> <p>Black Enhancement/Clip - The Black Enhancement enables you to edit black values. Setting the value lower will cause a lighter black value, whereas a higher value will result in darker black.</p> <p>Clip - Will determine the new base black value depending on the black value set in Black Enhancement.</p> <p>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.</p> <p>Clip - The higher the clipping value, the more the images grey-to-white-values will become brighter and whiter.</p> <p>Preserve Color Saturation – Check the box Preserve Color Saturation to keep Color Saturation unaffected by any changes to Black point and White point.</p>	 <p>The illustration shows a software interface for Blackpoint adjustments. At the top, there are two rows of sliders, each with a numerical input field set to '0'. Below these are four individual sliders, each with a numerical input field set to '0'. A checkbox labeled 'Preserve Color Saturation' is checked. At the bottom, there is a blue button with a rainbow icon and the text 'Preserve Color Saturation'.</p>
	<p>Gray Correction –</p> <p>Used to make simple gray adjustments to the gray output.</p> <p>Adjust the Red/Green/Blue by typing values into the table.</p>	 <p>The illustration shows a 'Gray Correction' panel. It has a title 'Gray Correction' and a checkbox 'Enable Gray Correction'. Below the checkbox is a table with three columns: 'Red', 'Green', and 'Blue'. Each column has a small input field. There is a plus sign icon in the bottom left corner of the table area.</p>

Step	Action	Illustration
	<p>Gamma Correction –</p> <ul style="list-style-type: none"> Gamma Correction - Allows the adjustment of color shifts in the middle tone range and to correct the brightness. Snap to Gray - With Snap to Gray you can define how far the RGB values can differ. You may combine the two options. 	 <p>The illustration shows two parts of the software interface. The top part is the 'Gamma Correction' panel, which includes three horizontal sliders for Red, Green, and Blue channels, each with a numerical input field set to 1.00. Below these is a 'Snap to Gray' slider with a numerical input field set to 0. The bottom part is a 'Special Filter' panel, which is partially visible and shows a 'Don't use Special Filter' option selected, along with sliders for Sharpening Mode (set to 50) and Adaptive Mode (with Level fields set to -100.0 and 400.0).</p>
	<p>Special Filter</p> <ul style="list-style-type: none"> 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. 	 <p>The illustration shows the 'Special Filter' panel in detail. It features a 'Don't use Special Filter' button (a blue square with a red 'X'). Below this are three sliders: Sharpening Mode (set to 50), Smoothing Mode (set to 50), and Adaptive Mode. The Adaptive Mode section includes two 'LEVEL' input fields: the upper one is set to -100.0 and the lower one is set to 400.0. There are also sliders for Adaptive Mode, with one set to 3.0 and another to 15.0. At the bottom, there is a slider for a global setting set to 100.0.</p>

Step	Action	Illustration
7.	<p>Grayscale Settings – Grayscale Settings consist of:</p> <ul style="list-style-type: none"> • Black/White Point • Special Filter • Advanced settings 	
	<ul style="list-style-type: none"> ▪ Black Point <ul style="list-style-type: none"> • 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. ▪ White Point <ul style="list-style-type: none"> • Adaptive (WP) - The adaptive values cannot be edited; they are calculated for every file. This auto detects and sets the White Point. • Custom Gray Value (WP) can be adjusted from 0 to 255. Setting this to a lower value will produce lighter text. ▪ Black Enhancement <ul style="list-style-type: none"> • 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. 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. 	


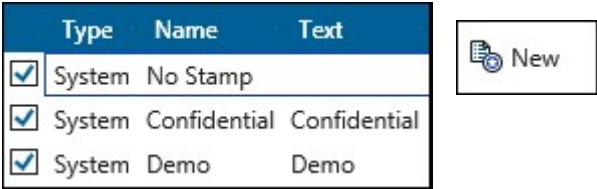
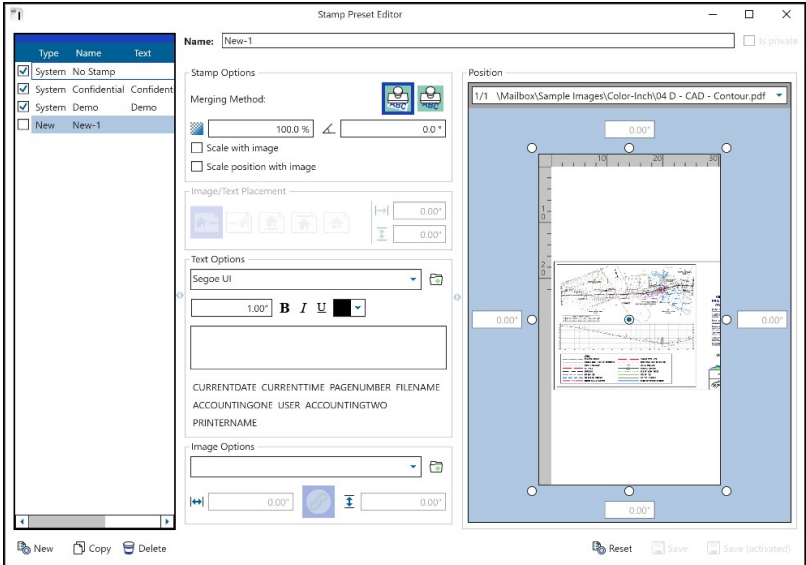

Step	Action	Illustration
	<p>Special Filter</p>	
		<ul style="list-style-type: none"> ▪ Don't Use Special Filter – Special Filter is not used when this is selected ▪ Sharpening Mode – Used to make fuzzy picture clear. As outlines are enhanced, pictures become clearer. This setting increases the contrast 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.

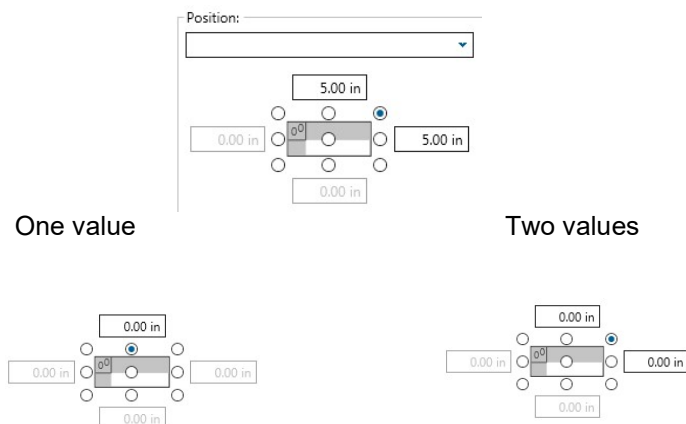
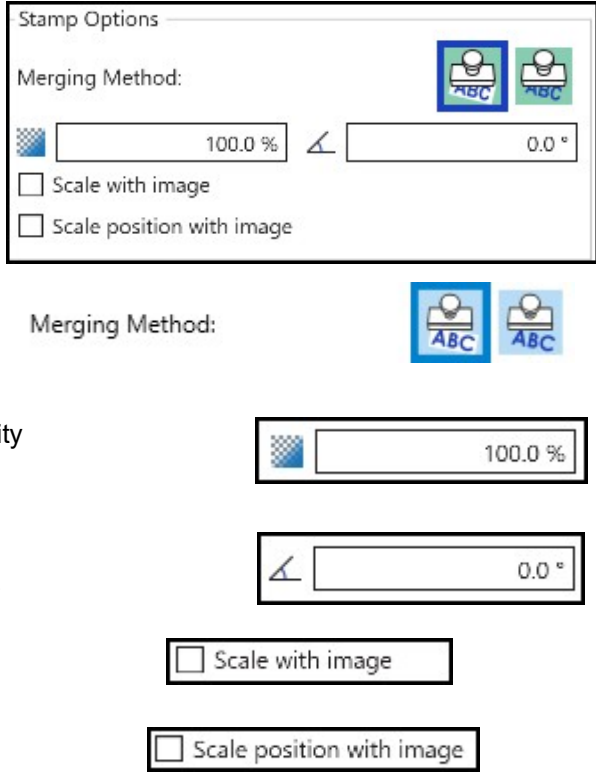
Step	Action	Illustration
8.	<p>Black/White Settings –</p> <p>Black/White settings consist of:</p> <ul style="list-style-type: none"> • Scanner Options 	
	<p>Scanner Options</p> <p>Note: The Scanner options in black and white mode are scanner dependent. All settings in this filter are transmitted to the 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.</p>	
	<ul style="list-style-type: none"> ▪ 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. 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 sharpest. 	

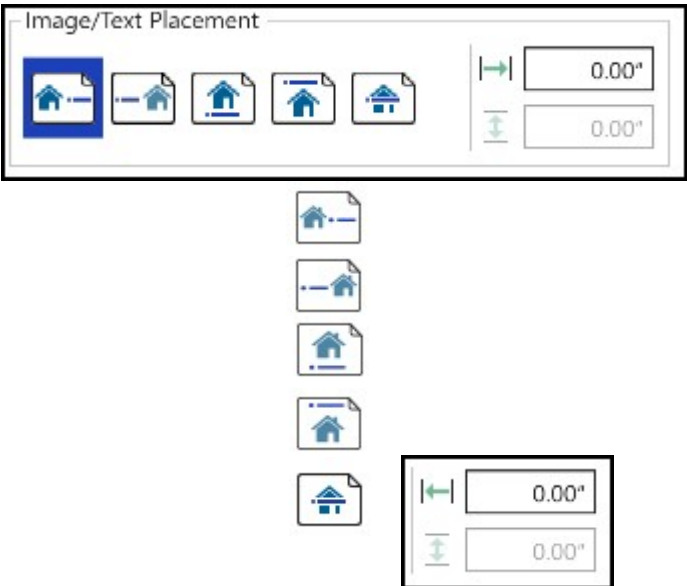
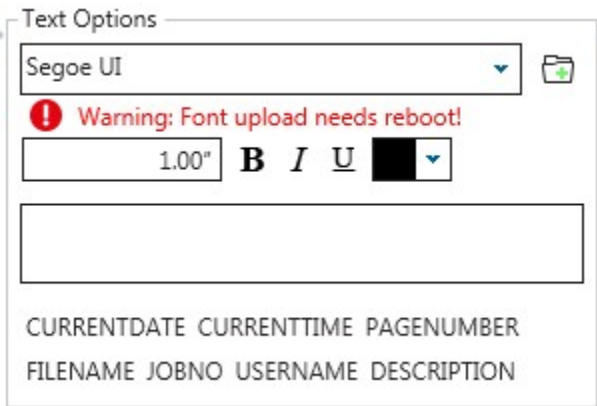
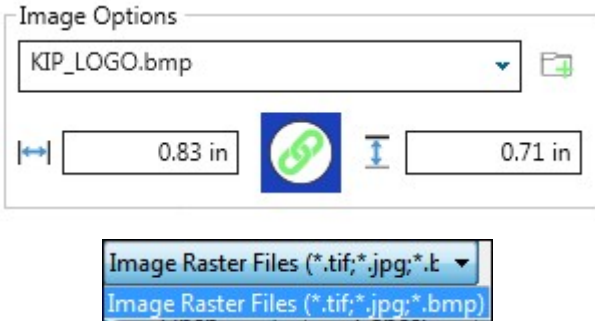
Step	Action	Illustration
	<p>Despeckling</p> <ul style="list-style-type: none"> ▪ Despeckle - This option removes black pixels in black & white mode, for example from scans of murky originals. The filter searches for groups of black pixels and converts them into white. Small-sized pixel groups, such as those forming punctuation dots, are kept. <ul style="list-style-type: none"> ○ 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. 	

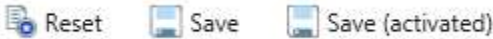
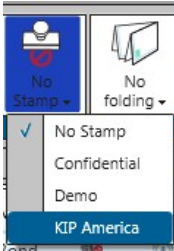
7.8 Stamp Presets

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 ImagePro job setup screens to be applied to the desired output.


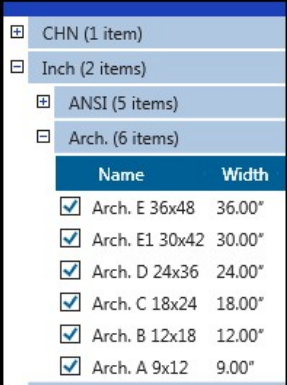

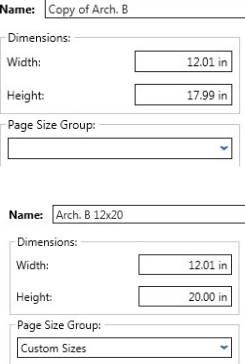
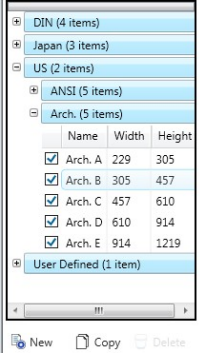
Step	Action	Illustration
1.	Select the Stamp Presets Icon	
2.	Once open this screen will show all the pre-configured Stamps as well as allow for the creation of new presets.	
3.	<p>Selecting the “New” icon will allow for the creation of a new Stamp Preset.</p> <p>Fill in the appropriate sections and select “Save” to save the Stamp Preset or Save (active) to save the Stamp Preset and make it active as well.</p>	
4.	<p>Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.</p>	

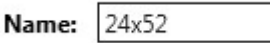
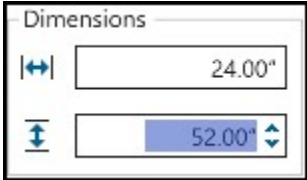

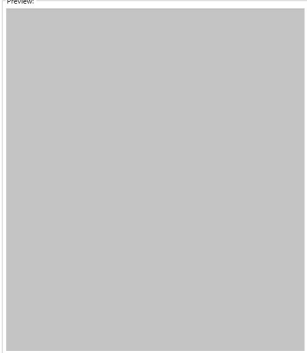
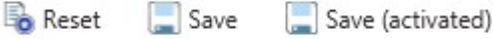
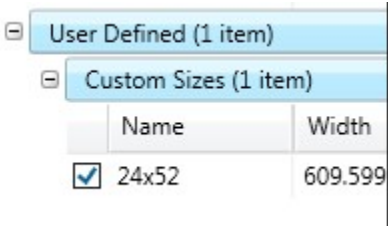
Step	Action	Illustration
5.	<p>Position – Choose from 9 radio buttons to place the stamp in the desired location.</p> <p>If a corner radio button is selected two values will become active to allow for better positioning.</p>	 <p>Position:</p> <p>5.00 in</p> <p>0.00 in 5.00 in</p> <p>0.00 in</p> <p>One value</p> <p>Two values</p> <p>0.00 in</p> <p>0.00 in 0.00 in</p> <p>0.00 in</p>
6.	<p>Stamp Options – Merging Method</p> <p>Opaque (selected in illustration) – Displays the stamp on top of the image. The background of the stamp is white and will obscure some image.</p> <p>Transparent - Overlays the stamp on top of the image. The background of the stamp is transparent.</p> <p>Opacity – Used to control the darkness of the stamp. 100% being Black.</p> <p>Angle – Used to control the rotation of the stamp.</p> <p>Scale with image – If file is scaled the stamp will scale accordingly to maintain scale</p> <p>Scale Position with Image - If file is scaled the stamp position will scale accordingly to maintain the correct placement.</p>	 <p>Stamp Options</p> <p>Merging Method:</p> <p>100.0 %</p> <p>0.0 °</p> <p>Scale with image</p> <p>Scale position with image</p> <p>Merging Method:</p> <p>Opacity</p> <p>100.0 %</p> <p>Angle</p> <p>0.0 °</p> <p>Scale with image</p> <p>Scale position with image</p>

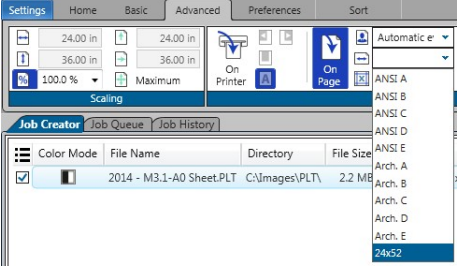
Step	Action	Illustration
7.	<p>Image/Text Placement –</p> <p>If using an image as well as text, the position of both can be configured using the following:</p> <ul style="list-style-type: none"> ▪ Image Left/Text Right ▪ Image Right/Text Left ▪ Image Top/Text Bottom ▪ Image Bottom/Text Top ▪ Text in Center of Image <p>The Spacing between the two can also be set.</p>	
8.	<p>Text Options</p> <ul style="list-style-type: none"> ▪ Font Settings – Select from available installed fonts, size and Color (Color Printer Needed). ▪ Font Upload (select folder) - Browse to stamp to be loaded. ▪ Stamp Text – Add the text to be added. ▪ Placeholders – Macros that add specific information (ex. Current Date). 	
9.	<p>Image Options</p> <p>Select Image – Browse to the location to the image to be used.</p> <p>Image Size – Control the width and height of the image to be used (unlock to control independently).</p> <p>Image formats that can be used - .tif;.jpg and .bmp</p>	

Step	Action	Illustration
10.	<p>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.</p>	
11.	<p>Active Stamp – The Active Stamp will now be available for selection from the Basic screen as well as other KIP Applications.</p> <p>Note: KIP America is the Stamp just created.</p>	

7.9 Page Sizes Presets



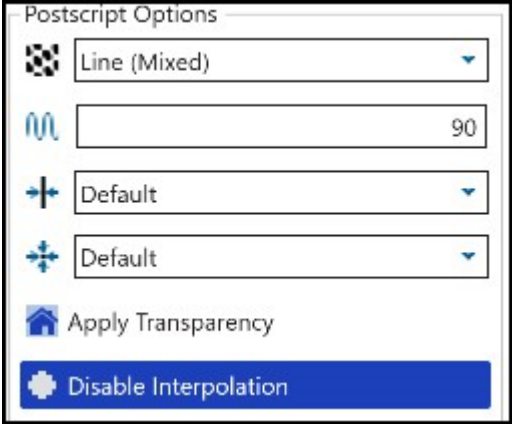

Step	Action	Illustration														
1.	<p>Page Sizes – Select the Page Sizes Icon from the Printer Information Screen.</p>															
2.	<p>Preconfigured page sizes will be displayed on the left side of the screen.</p> <p>Note: If there are page sizes that will not be used unchecking these will remove them from the list of available sizes on the main Job Creator page.</p>	 <table border="1" data-bbox="1024 947 1247 1171"> <thead> <tr> <th>Name</th> <th>Width</th> </tr> </thead> <tbody> <tr><td><input checked="" type="checkbox"/> Arch. E 36x48</td><td>36.00"</td></tr> <tr><td><input checked="" type="checkbox"/> Arch. E1 30x42</td><td>30.00"</td></tr> <tr><td><input checked="" type="checkbox"/> Arch. D 24x36</td><td>24.00"</td></tr> <tr><td><input checked="" type="checkbox"/> Arch. C 18x24</td><td>18.00"</td></tr> <tr><td><input checked="" type="checkbox"/> Arch. B 12x18</td><td>12.00"</td></tr> <tr><td><input checked="" type="checkbox"/> Arch. A 9x12</td><td>9.00"</td></tr> </tbody> </table>	Name	Width	<input checked="" type="checkbox"/> Arch. E 36x48	36.00"	<input checked="" type="checkbox"/> Arch. E1 30x42	30.00"	<input checked="" type="checkbox"/> Arch. D 24x36	24.00"	<input checked="" type="checkbox"/> Arch. C 18x24	18.00"	<input checked="" type="checkbox"/> Arch. B 12x18	12.00"	<input checked="" type="checkbox"/> Arch. A 9x12	9.00"
Name	Width															
<input checked="" type="checkbox"/> Arch. E 36x48	36.00"															
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<input checked="" type="checkbox"/> Arch. D 24x36	24.00"															
<input checked="" type="checkbox"/> Arch. C 18x24	18.00"															
<input checked="" type="checkbox"/> Arch. B 12x18	12.00"															
<input checked="" type="checkbox"/> Arch. A 9x12	9.00"															
3.	<p>Select New to create a new Page Size.</p>															
<p>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.</p> <p>Original will be loaded</p> <p>Make necessary changes</p> <p>Save new page size.</p>		 														

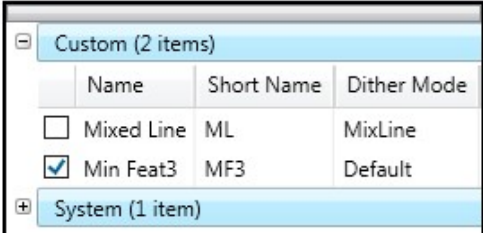
Step	Action	Illustration
4.	Name the new Page Size	
5.	Define the Dimensions	
6.	Create a Page Size Group. This is a group that the new Page size will be added to. For this example, "Custom Sizes" was added here. More custom sizes can be created and then added here.	
7.	The Preview Pane will display 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 ImagePro (and other KIP Applications)	 <p>The screenshot shows the 'Job Creator' dialog box in the KIP ImagePro software. The 'Job Queue' tab is active, displaying a table of jobs. The first job is '2014 - M3.1-A0 Sheet.PLT' located in 'C:\Images\PLT' with a file size of '2.2 MB'. To the right of the dialog, a list of file sizes is visible, including 'ANSI A', 'ANSI B', 'ANSI C', 'ANSI D', 'ANSI E', 'Arch. A', 'Arch. B', 'Arch. C', 'Arch. D', 'Arch. E', and '24x52', which is highlighted in blue.</p>

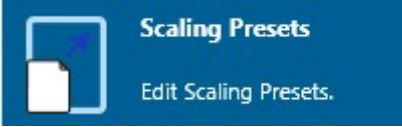
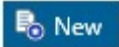
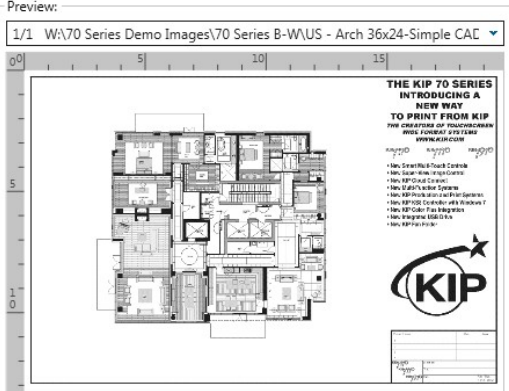
7.10 PS/PDF Presets

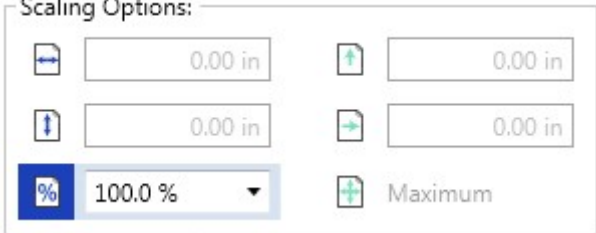

PS/PDF Presets are used to create specific settings that can be applied to Postscript files. These Postscript System Presets once created will work on PS/PDF files from KIP ImagePro and other KIP applications.

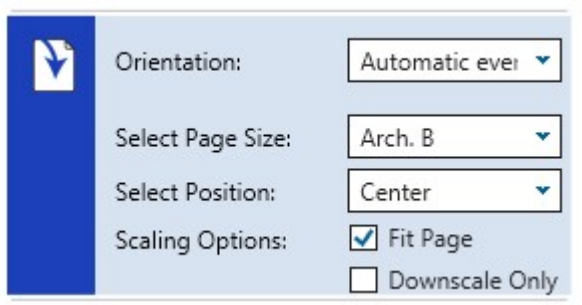
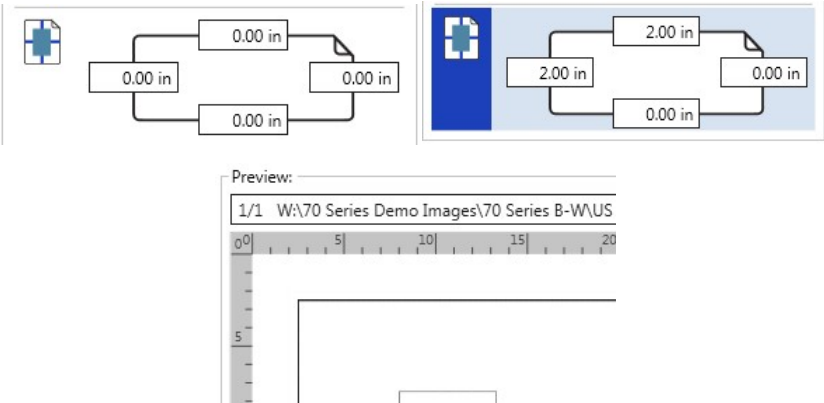
Step	Action	Illustration
1.	Select the PS/PDF Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	<p>Name: <input data-bbox="769 898 1432 919" type="text" value="Line Mixed Min Feature 2"/></p>
4.	Select the desired PostScript options. Here the Dither Mode is changed to Line (Mixed).	
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.	

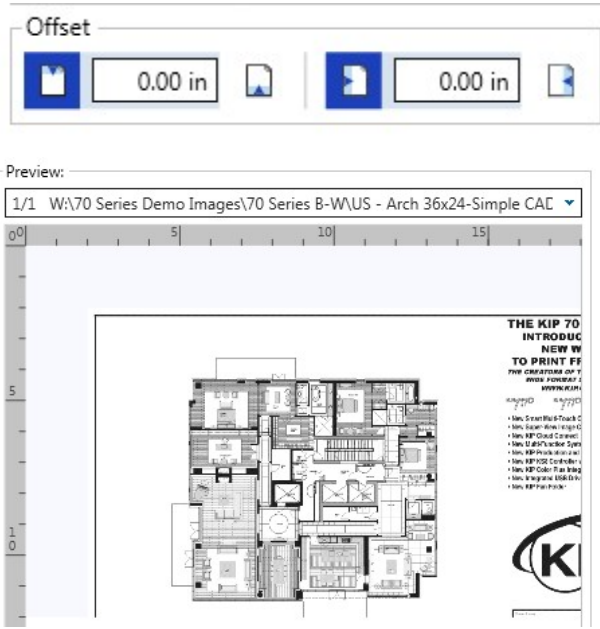
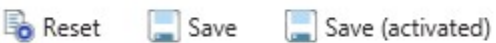
Step	Action	Illustration												
6.	<p>The new PS/PDF Preset will be added to the list on the left of the screen.</p> <p>The New custom PS/PDF Preset is now available from the KIP ImagePro (and other KIP Applications)</p>	 <table border="1" data-bbox="837 436 1317 667"> <thead> <tr> <th colspan="3">Custom (2 items)</th> </tr> <tr> <th>Name</th> <th>Short Name</th> <th>Dither Mode</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Mixed Line</td> <td>ML</td> <td>MixLine</td> </tr> <tr> <td><input checked="" type="checkbox"/> Min Feat3</td> <td>MF3</td> <td>Default</td> </tr> </tbody> </table> <p>System (1 item)</p>	Custom (2 items)			Name	Short Name	Dither Mode	<input type="checkbox"/> Mixed Line	ML	MixLine	<input checked="" type="checkbox"/> Min Feat3	MF3	Default
Custom (2 items)														
Name	Short Name	Dither Mode												
<input type="checkbox"/> Mixed Line	ML	MixLine												
<input checked="" type="checkbox"/> Min Feat3	MF3	Default												

7.11 Scaling Presets

Step	Action	Illustration
1.	Select the Scaling Presets button from the Printer Information page.	 <p>The illustration shows a blue rectangular button with a white document icon on the left. To the right of the icon, the text reads "Scaling Presets" in a bold white font, and below it, "Edit Scaling Presets." in a smaller white font.</p>
2.	Select the New Button	 <p>The illustration shows a small blue rectangular button with a white document icon and the word "New" in white text.</p>
3.	<p>Preview – Gives a preview of the function being set.</p> <p>Note: It is very helpful to load one of the files in the job so that the changes being made can be seen.</p>	 <p>The illustration shows a preview window titled "Preview:". The window contains a technical drawing of a building floor plan. To the right of the drawing is a text block that reads "THE KIP 70 SERIES INTRODUCING A NEW WAY TO PRINT FROM KIP" followed by a list of features and the KIP logo. The window also has a file path at the top: "1/1 W:\70 Series Demo Images\70 Series B-W\US - Arch 36x24-Simple CAC".</p>
4.	<p>Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.</p>	<p>Name: <input data-bbox="1029 1304 1256 1341" type="text" value="55%"/></p>





Step	Action	Illustration
5.	<p>Scaling Options – Select from the available selections:</p> <p>Width – Set the desired Width value.</p> <p>Height– Set the desired height value.</p> <p>Short Edge– Set the desired Short Edge value.</p> <p>Long Edge– Set the desired Long Edge value.</p> <p>Percentage– Set the desired Width.</p> <p>Maximum – Maximum width for selected roll or largest roll available.</p> <p>Note: You MUST click on the icon to activate the field.</p>	
6.	<p>Placement Options –</p> <p>Automatic – Auto placement based on page size.</p> <p>Align Left – Aligns output left based on page size.</p> <p>Align Center - Aligns output Center based on page size.</p> <p>Align Right - Aligns output Right based on page size.</p>	


Step	Action	Illustration
7.	<p>Orientation – Select from the following:</p> <p>Automatic Even – Places the image on the paper based on Short edge</p> <p>Automatic Odd– Places the image on the paper based on Long edge</p> <p>Select Page – Select the desired page size from the list.</p> <p>Select Position – Select the position to place the image from the available list.</p> <p>Scaling Options</p> <p>Fit Page – Fits the selected image to the page size selected.</p> <p>Downscale Only – Does not scale images originally smaller than selected settings.</p>	
8.	<p>Borders – Apply Borders to the output to be printed. With the Preview loaded this will show the Borders being applied</p>	

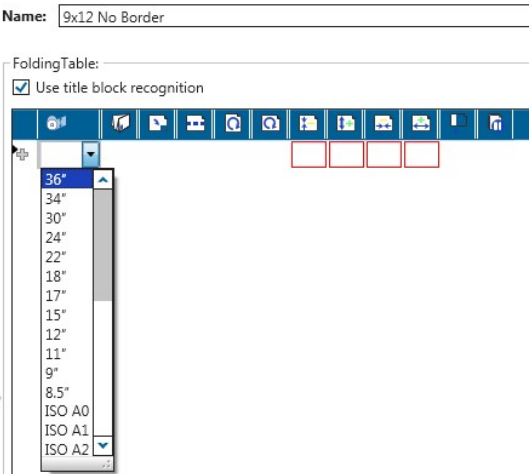
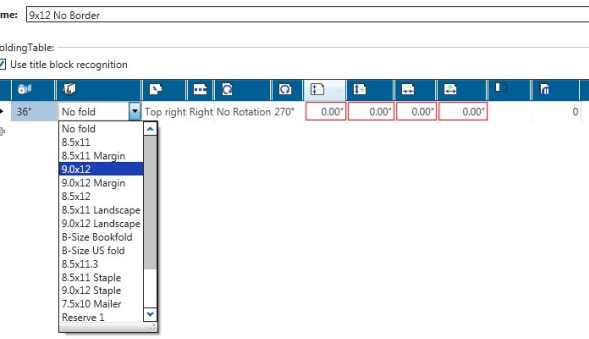
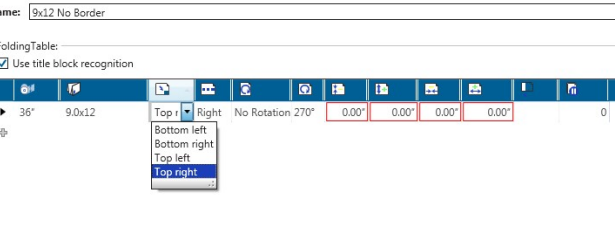
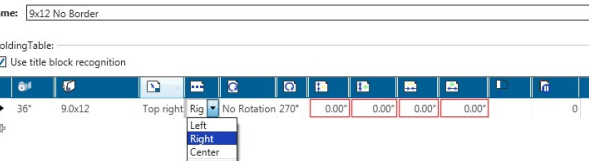
Step	Action	Illustration
9.	<p>Offset – Allows for the addition of margins to the Top, Bottom, Left and Right.</p> <p>Note: Applying an Offset margin will shift the image on the page clipping off the edged.</p>	
10.	<p>Save – Select “Save” to save the Scaling Preset or Save (active) to save the Scaling Preset and make it active as well or select Reset to start over.</p>	

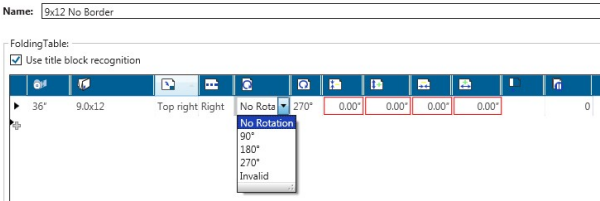
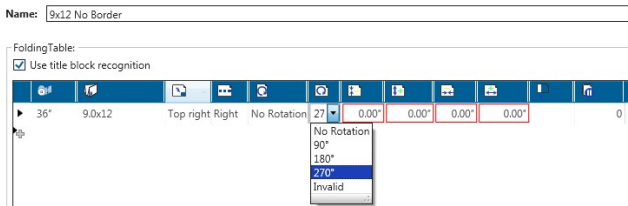
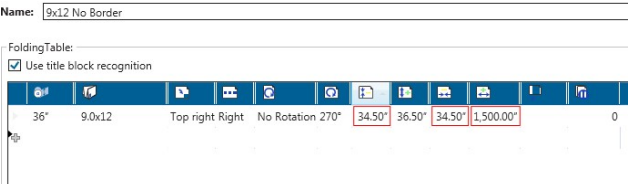
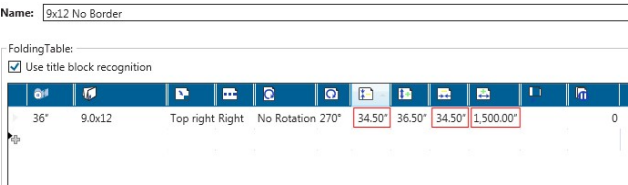
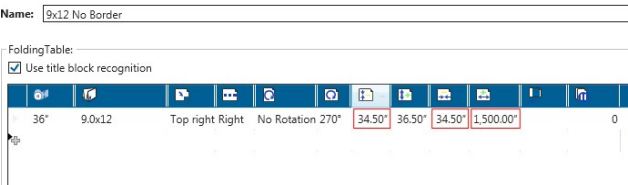
7.12 Folding Presets

Please See Technical Folder Manual for instructions. To create a folding Preset, follow these steps.

Step	Action	Illustration
1.	Select the Folding Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	
4.	Use Title Block Recognition – Checking this box enables Auto Title Block Recognition/Location.	



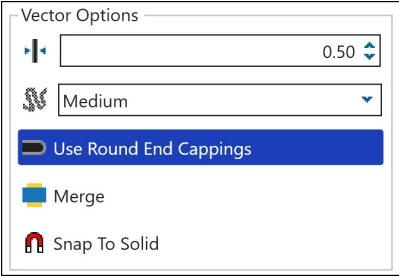
Step	Action	Illustration
5.	<p>Folding Table – This area is where all settings for the Fold Parameters are made.</p>	<p>1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.</p> 
<p>The Folding Table Icon Explained:</p> <ol style="list-style-type: none"> 1. Media Width 2. Fold Packet 3. Title Block Location (Used when Title Block Recognition is checked) 4. Alignment – Used to shift the image Left, Center, Right when the image is smaller than the paper size. 5. Rotation – For Portrait View 6. Rotation – For Landscape View 7. Minimum Width / Short Edge (see note) 8. Maximum Width / Short Edge (see note) 9. Minimum Length/ long Edge (see note) 10. Maximum Length / Long Edge (see note) 11. Snap to Cut Length – Add blank paper to the trailing edge of the copy. 12. Inter Copy Delay – in tenth of a second for fast printers or when tab applicator option is used. <p>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.</p>		

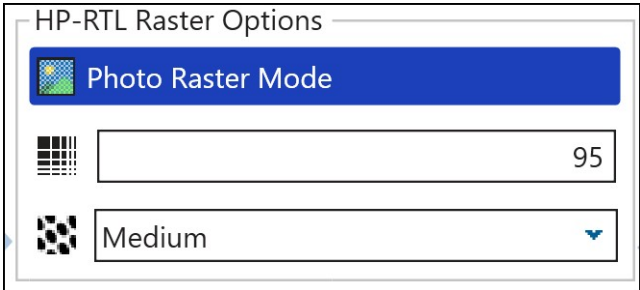
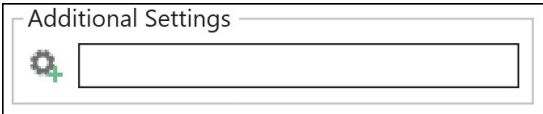
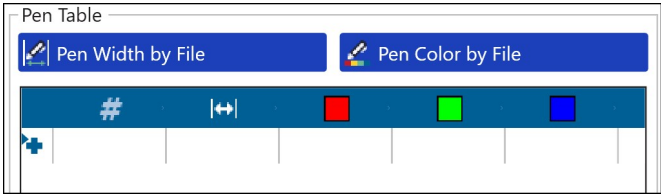
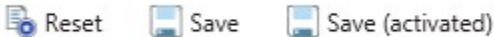
Step	Action	Illustration
6.	Media Width – Select the desired Media Width to be used.	
7.	Fold Packet – Allows for the selection of the fold packet to be used.	
8.	Title Block Location – Allows for the selection of the title block Location. Note: when Use title block recognition is selected it is necessary to indicate where you want the title block to be.	
9.	Alignment – Allows for the selection of Left, Right or Center for alignment.	

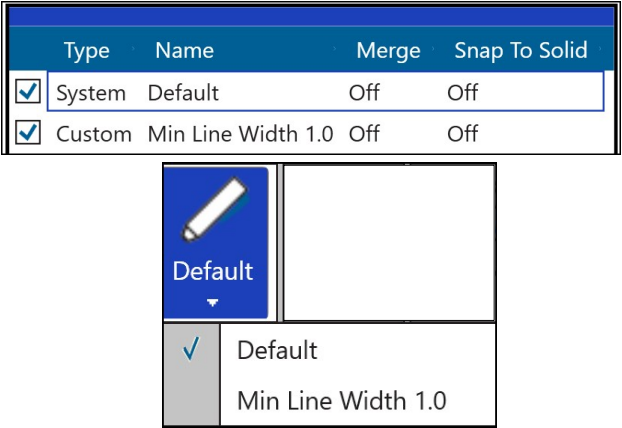
Step	Action	Illustration
10.	<p>Rotation for Portrait – allows for the setting of a rotation for Portrait documents.</p>	
11.	<p>Rotation for Landscape – allows for the setting of a rotation for Landscape documents.</p>	
12.	<p>Minimum width or short edge Maximum width or short edge Minimum Length or long edge Maximum Length or long edge</p> <p>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.</p>	
13.	<p>Snap to Cut Length - Add blank paper to the trailing edge of the copy.</p> <p>Note: For this example this setting is not used.</p>	
14.	<p>Inter Copy Delay - in tenth of a second for fast printers or when tab applicator option is used.</p> <p>Note: For this example this setting is not used.</p>	

Step	Action	Illustration
15.	<p>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.</p>	<p>The illustration shows three buttons: 'Reset' with a circular arrow icon, 'Save' with a floppy disk icon, and 'Save (activated)' with a floppy disk icon and a checkmark.</p>
16.	<p>New Fold Preset – the new fold Preset will now be displayed in the left-hand column under Custom.</p>	<p>The screenshot shows a list of presets. Under the 'Custom (1 item)' section, there is a table with columns 'Name', 'Folding Enabled', and 'Legend Position Enabled'. The entry '9x12 No Border' is checked in the 'Name' column, with 'On' in the 'Folding Enabled' column and 'On' in the 'Legend Position Enabled' column. Below it, under 'System (1 item)', the entry 'No folding' is checked, with 'Off' in both the 'Folding Enabled' and 'Legend Position Enabled' columns.</p>
17.	<p>Folding from KIP ImagePro – 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.</p>	<p>The illustration shows a 'Folding' button with a dropdown arrow. The dropdown menu is open, showing '9x12 No Border' as the selected option.</p>
18.	<p>Selected File – The folding column will display the selected Fold Pattern being applied.</p>	<p>The screenshot shows the software interface with a 'Folding' button at the bottom. The dropdown menu is open, showing '9x12 No Border' as the selected option. The background shows the software's main interface with various settings and a job queue.</p>

7.13 HPGL Presets




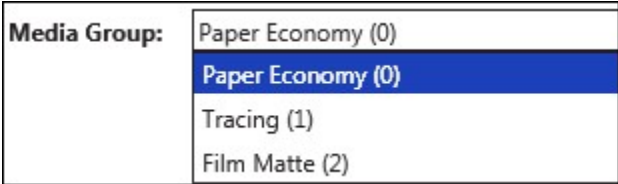

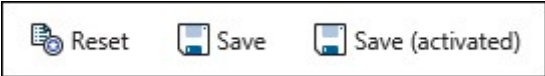
Step	Action	Illustration
1.	Select the HPGL Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	<p>Name: <input type="text" value="New Pen"/></p>
4.	Vector Options – Select from the available selections:	
<p>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)</p> <p>Vector Line Raster - Users have 3 choices of dither output patterns. There is no 'correct' setting. Set according to user preference.</p> <p>Use Round End Capping – Forces end capping on lines in vector files to round ends.</p> <p>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.</p> <p>Snap to Solid – On thin lines color values snap to a solid color. This results in no dithering, which keeps finer lines. This is typically used only on very thin lines, where one cannot see the difference from an 80% red to a 100% (solid) red. When activated, and a thin line should be printed with e.g. 80% red (dithered), it will instead be printed in the “wrong” color 100% red (solid).</p> <p>This keeps sharp thin lines, and the color difference is not so obvious to human eye.</p>		

Step	Action	Illustration
5.	<p>HP-RTL Raster Options –</p> <p>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.</p> <p>Photo Dither - Users have 3 choices of raster dither output patterns. There is no 'correct' setting. Set according to user preference.</p>	
6.	<p>Additional Parameters – Allows for the addition of specific HPGL switches to be used.</p>	
7.	<p>Pen Table – This section allows for the manipulation of specific pens if desired.</p> <p>Pen Width by File – Uses the pen table width provided within the file as it was created.</p> <p>Pen Color by File – Uses the pen color provided within the file as it was created.</p> <p>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.</p>	
8.	<p>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.</p>	

Step	Action	Illustration												
9.	<p>New Pen will be displayed in the left panel.</p> <p>This Pen is now available within the KIP ImagePro Application and other KIP Applications.</p>	 <table border="1" data-bbox="699 443 1317 596"> <thead> <tr> <th>Type</th> <th>Name</th> <th>Merge</th> <th>Snap To Solid</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>System Default</td> <td>Off</td> <td>Off</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Custom Min Line Width 1.0</td> <td>Off</td> <td>Off</td> </tr> </tbody> </table>	Type	Name	Merge	Snap To Solid	<input checked="" type="checkbox"/>	System Default	Off	Off	<input checked="" type="checkbox"/>	Custom Min Line Width 1.0	Off	Off
Type	Name	Merge	Snap To Solid											
<input checked="" type="checkbox"/>	System Default	Off	Off											
<input checked="" type="checkbox"/>	Custom Min Line Width 1.0	Off	Off											


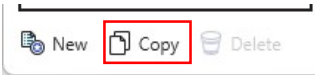

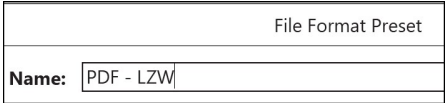

7.14 Media Manager Presets

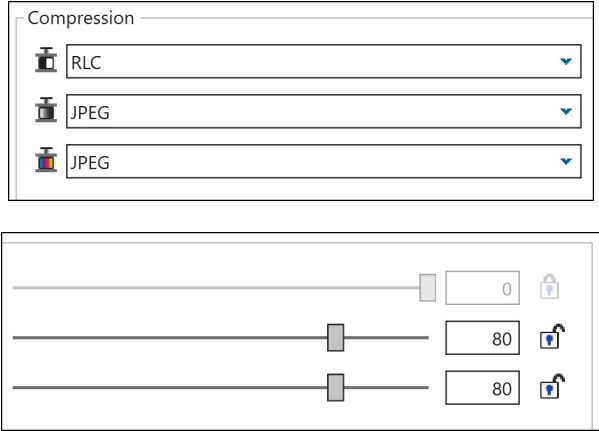

From the Media Manager screen, simply enter any media name then select a media group that closely resembles the required media. The system will automatically use the correct printer settings (fuser temperature, media tension, etc. assigned to that group) to achieve the best results.

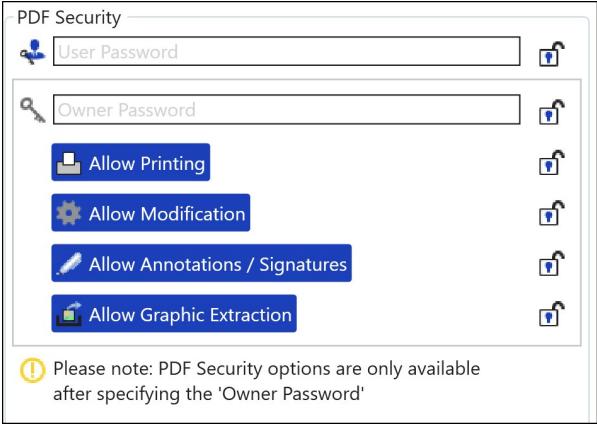
Step	Action	Illustration
1.	Select the Media Manager button to add an unlimited number of new medias.	
2.	Select the New Button	
3.	Name – Enter a name for the new media. This is the name that will be displayed in the KIP applications for selection.	
4.	Media Type – Using the Drop-down arrow select the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

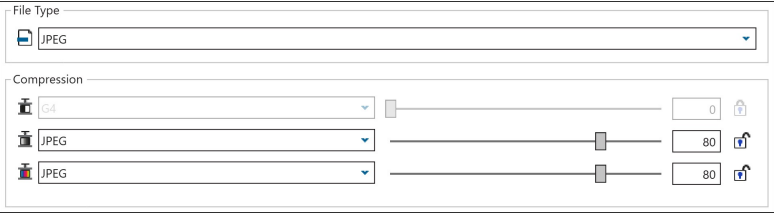
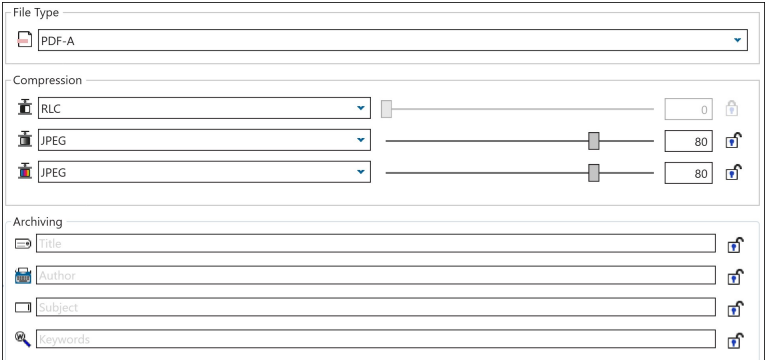
7.15 File Format Presets

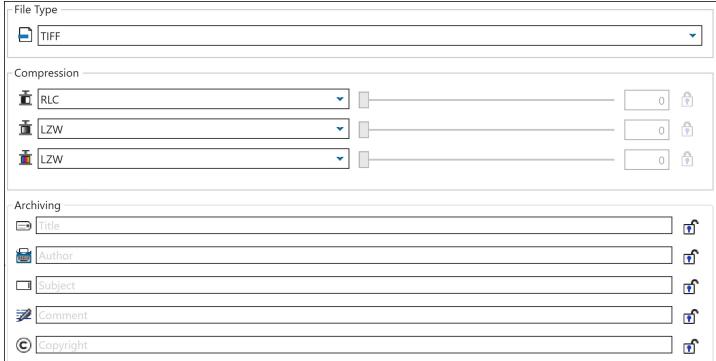
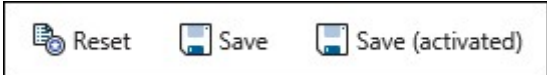
KIP ImagePro has the ability to create presets for File formats that allow for different Compression ratios, Archiving and security (settings dependent on file type selected).

Step	Action	Illustration																		
1.	Select the File Format Preset button to create a new File Format with Compression																			
2.	Default Formats – These are defaults and cannot be edited. They can be selected and Cloned. Once cloned they can be edited.	<table border="1" data-bbox="735 716 1049 932"> <thead> <tr> <th>Type</th> <th>Name</th> <th>File Type</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>System</td> <td>JPEG JPEG</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>System</td> <td>TIFF TIFF</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>System</td> <td>TIFF RLE TIFF</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>System</td> <td>PDF PDF</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>System</td> <td>PDF-A PDF-A</td> </tr> </tbody> </table> 	Type	Name	File Type	<input checked="" type="checkbox"/>	System	JPEG JPEG	<input checked="" type="checkbox"/>	System	TIFF TIFF	<input checked="" type="checkbox"/>	System	TIFF RLE TIFF	<input checked="" type="checkbox"/>	System	PDF PDF	<input checked="" type="checkbox"/>	System	PDF-A PDF-A
Type	Name	File Type																		
<input checked="" type="checkbox"/>	System	JPEG JPEG																		
<input checked="" type="checkbox"/>	System	TIFF TIFF																		
<input checked="" type="checkbox"/>	System	TIFF RLE TIFF																		
<input checked="" type="checkbox"/>	System	PDF PDF																		
<input checked="" type="checkbox"/>	System	PDF-A PDF-A																		
3.	To Create a new File Format, Select the New Button																			
4.	Name – Enter a name for the new Format. This is the name that will be displayed in the KIP applications for selection.																			
5.	File Type – Using the Drop-down arrow select the Format type that is being created. Depending on what file type is selected, more controls to specify “Compression” settings and “Archiving” settings become available.																			

Step	Action	Illustration
6.	<p>Compression - “Compression” settings are to specify the method and the rate of compression for the individual file type. For certain file types, it is possible to specify compression method and compression rate individually for each color mode. For certain file types there might be more than one compression method. The method of compression is to be selected from the dropdown list under “Compression” and the rate of compression may be specified by using the corresponding slider or the edit field next to the “Compression method” dropdown. “Compression” settings are available for all file types.</p>	
7.	<p>Archiving - “Archiving” settings, lets the user add “text labels” to the scanned file such as “Title”, “Author”, “Subject” and “Keywords”. “Archiving” settings are not available for “JPEG”.</p>	




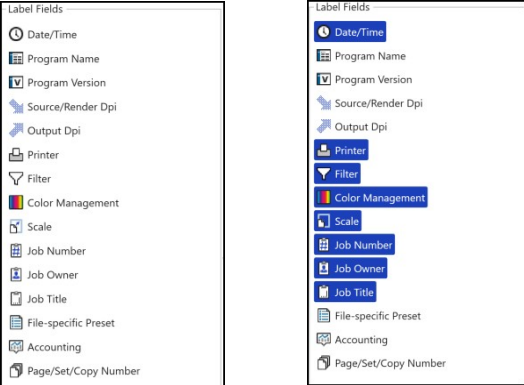
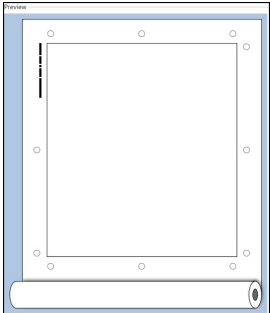

Step	Action	Illustration
8.	<p>Security - For the file type “PDF” the user may additionally configure “PDF Security” options with which the scanned PDF file can be password protected and the user can allow/disallow certain PDF features.</p> <p>Note: The “PDF Security” options are only available when an “Owner Password” has been specified.</p>	
9.	<p>For nearly all controls for all file types, the user can decide if the setting may be modified in the MainUI’s “File Format” pane before submittal or if a setting is locked and could only be changed in the “File Format Preset” editor. This can be achieved by either locking or unlocking the lock next to control in question. When an option is unlocked, it can be modified in the MainUI’s “File Format” pane.</p>	

Step	Action	Illustration
10.	<p>File Types and Compression – JPEG</p> <ul style="list-style-type: none"> • Compression for Black and White – Not available in B&W mode • Compression for Gray Mode • Compression for Color Mode 	
11.	<p>File Types and Compression – PDF-A</p> <ul style="list-style-type: none"> • Compression for Black and White – Not available in B&W mode • Compression for Gray Mode • Compression for Color Mode <p>Archiving:</p> <ul style="list-style-type: none"> • Title – Set document title • Author – Set document Author • Subject – Set document Subject • Keywords – Set document Keywords 	


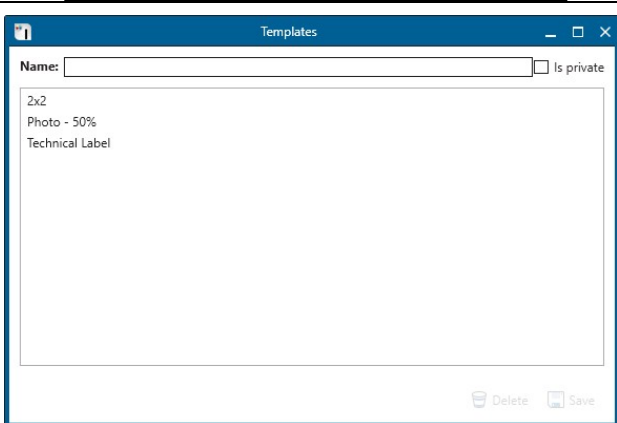
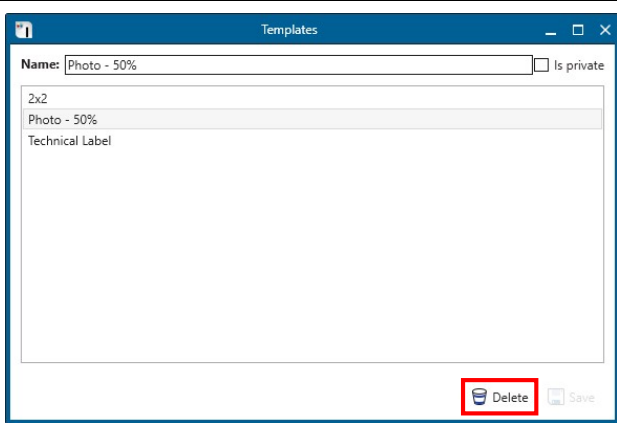
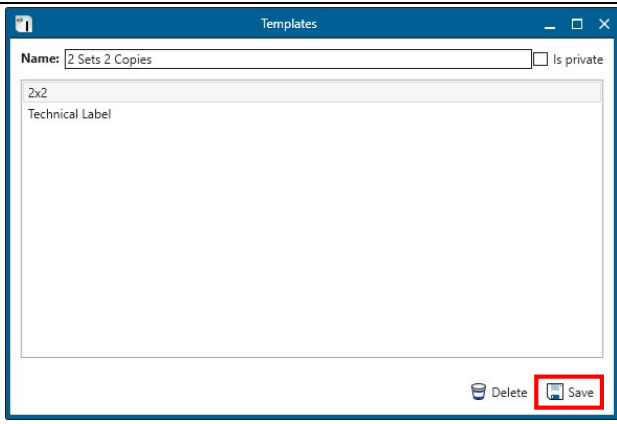
Step	Action	Illustration
12.	<p>File Types and Compression – TIFF</p> <ul style="list-style-type: none"> • Compression for Black and White – Not available in B&W mode • Compression for Gray Mode • Compression for Color Mode <p>Archiving:</p> <ul style="list-style-type: none"> • Title – Set document title • Author – Set document Author • Subject – Set document Subject • Comment – Set document Comments • Copyright – Set copyright information 	
13.	<p>Select Save/Save (activated)</p>	

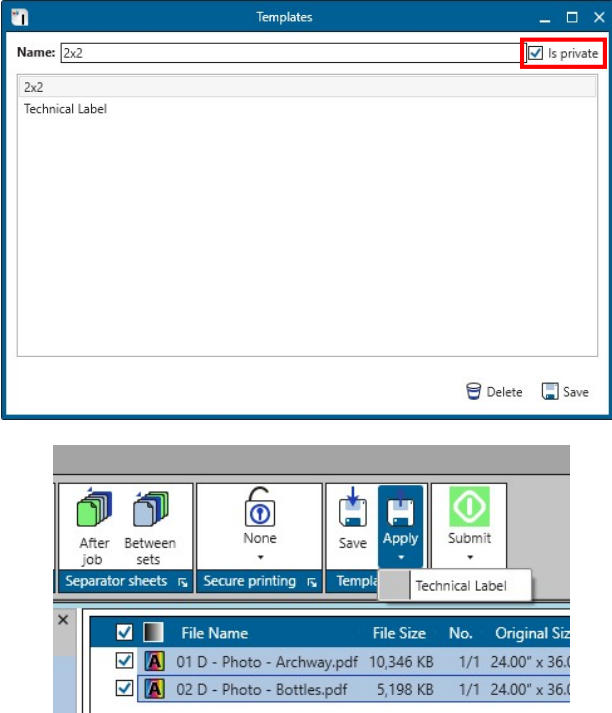
7.16 Technical Label

The Technical Label allows the user to add specific technical information determined but the creation of the Technical Label Preset.

Step	Action	Illustration
1.	Technical Label – Select the Technical Label Icon from the System Preset Setup section.	
2.	Select the “New” icon	
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	
4.	Select the Label Fields to be applied to the Technical Label being created.	
5.	Set the location for the stamp to be placed. Select from the 12 radio buttons.	
6.	Select from Save (saves the file (not Active)), Save (activated) – Makes the technical Label active	




7.17 Template Configuration


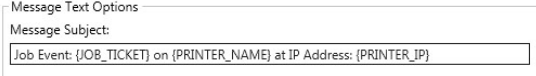
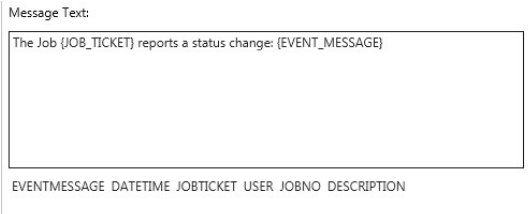


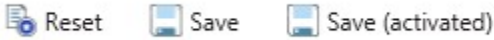
Step	Action	Illustration
1.	Select the Template Configuration button from the System Preset Setup section	
2.	All created templates are displayed on this screen	
3.	To delete a template select one from the list and click Delete Note: This deletes the template from the KIP so no other users will be able to access it after it is deleted	
4.	To rename a template select one from the list, enter a new name then click Save	

<p>5. When marking a template “Is private” it will no longer be selectable from the Templates button</p>	
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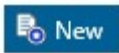
7.18 Job Notification

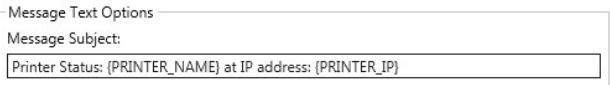
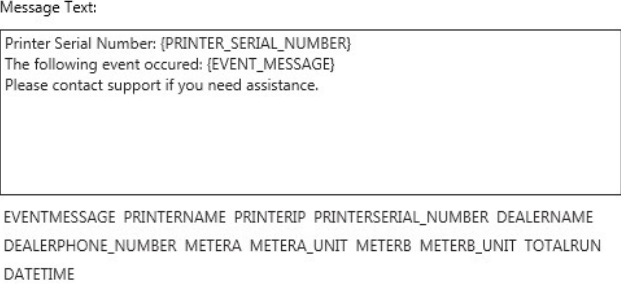
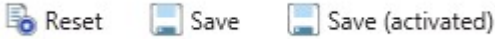
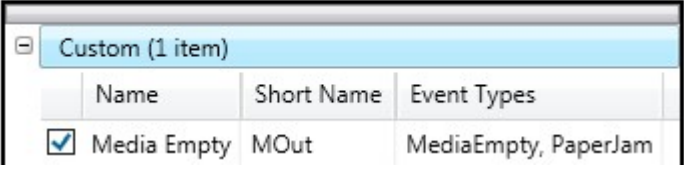
A Job Notification allows the user that sent the job to the KIP to be able to get notified when their job is being printed. A message can be created that will be sent out to all the recipients on the list.

Step	Action	Illustration
1.	Job Notification – Select the Job Notification Icon from the Printer Information Screen.	
2.	Select the “New” icon	
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	



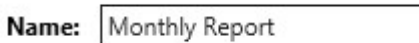

<p>4.</p>	<p>Select the Event Type that should trigger the sending of the notification.</p>	
<p>5.</p>	<p>Set the Message Text Options that will be the subject of the message to be sent.</p>	
<p>6.</p>	<p>Enter the Message that is to be sent to the recipient(s). Select the desired macros for the message as well.</p>	
<p>7.</p>	<p>Add the Recipients e-mail addresses.</p>	
<p>8.</p>	<p>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 ImagePro is requiring the users to log in when a job is submitted an e-mail will be sent when the users job is printed.</p>	
<p>9.</p>	<p>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.</p>	



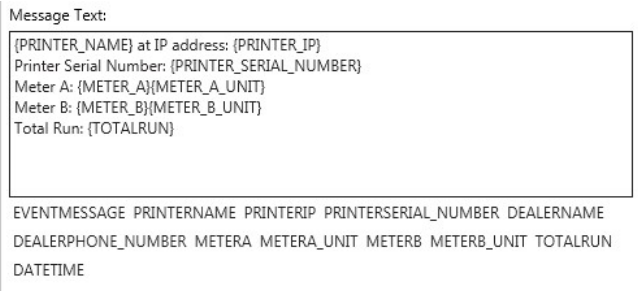
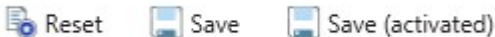
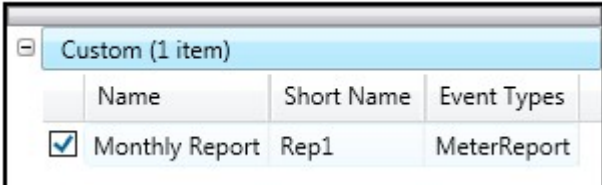
7.19 Machine Notification

Step	Action	Illustration
1.	Select the Machine Notification Presets button from the Printer Information page.	
2.	Select the New Button	
3.	Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.	<p>Name: <input type="text" value="Media Empty"/></p>
4.	Event Types – Select from the available event types that will trigger a notification to be sent to a recipient.	<div data-bbox="859 957 1362 1266" style="border: 1px solid gray; padding: 5px;"> <p>Event Types:</p> <p><input type="checkbox"/> Media Empty</p> <p><input type="checkbox"/> Paper Jam</p> <p><input type="checkbox"/> Toner Empty</p> <p><input type="checkbox"/> Waste Full</p> <p><input type="checkbox"/> Web Near End</p> <p><input checked="" type="checkbox"/> General Error</p> </div> <p>Media Empty - This will send a notification when a media runs out on the KIP Printer.</p> <p>Paper Jam - This will send a notification when there is a paper jam on the KIP Printer.</p> <p>Toner Empty - This will send a notification when Toner runs out on the KIP Printer.</p> <p>Waste Full - This will send a notification when the waste toner box on the KIP Printer is full (7800 Only).</p> <p>Web Near End - This will send a notification when the Web on the KIP Printer is near the end.</p> <p>General Error - This will send a notification when a media runs out on the KIP Printer.</p>
5.	Recipients – Enter the Recipient(s) e-mail address that will be notified when this error occurs.	<p>Recipients:</p> <div data-bbox="932 1633 1240 1843" style="border: 1px solid gray; padding: 5px;"> <p>info@kipamerica.com</p> </div>

Step	Action	Illustration									
6.	<p>Message Text Options – Use the default or enter a new message Subject.</p>										
7.	<p>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</p>										
8.	<p>Save – Select “Save” to save the Machine Notification Preset or Save (active) to save the Machine Notification Preset and make it active as well or select Reset to start over.</p>										
9.	<p>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.</p>	 <table border="1" data-bbox="756 1157 1435 1325"> <thead> <tr> <th colspan="3">Custom (1 item)</th> </tr> <tr> <th>Name</th> <th>Short Name</th> <th>Event Types</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/> Media Empty</td> <td>MOut</td> <td>MediaEmpty, PaperJam</td> </tr> </tbody> </table>	Custom (1 item)			Name	Short Name	Event Types	<input checked="" type="checkbox"/> Media Empty	MOut	MediaEmpty, PaperJam
Custom (1 item)											
Name	Short Name	Event Types									
<input checked="" type="checkbox"/> Media Empty	MOut	MediaEmpty, PaperJam									

7.20 Metered Notification

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

Step	Action	Illustration
5.	<p>Recipients – Enter the recipient(s) e-mail address that will receive the e-mail.</p>	
6.	<p>Message Text Options – Use the default or enter a new message Subject.</p>	
7.	<p>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</p>	
8.	<p>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.</p>	
9.	<p>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.</p>	

8. Step by Step Instructions for using the system

8.4 System K Workflow Automation

Workflow Automation incorporates automated printing and finishing features to enhance your current production workflow. Simplify user interaction by building KIP ImagePro Templates and linking them to any PC workstation or network server Hot folder to automate printing. Operators can drag/drop files to Hot folders for various types of printing workflows. From the Touch UI, scan to the SMB location of the Hot folder to “copy” to other KIP printers.

- Improve efficiency for Color and B/W copying and scan to file with Touch Screen Templates
- Increase operator access to printing and finishing with Templates for Hot folders
- No software installation at PC required
- Drag and drop PDF/JPG/TIF files to Hot folders to print and fold
- Automate Mac and Unix printing for streaming LPR print data

Workflow Automation Features:

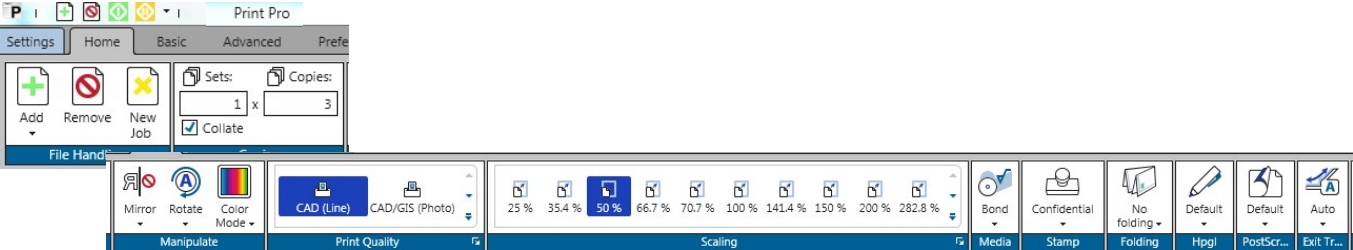
Unlimited Templates can contain:

- Copy Count
- Color Mode (B/W or Color)
- Print Quality for B/W and Grayscale
- Print Quality for Color CAD and Graphics
- Scaling by Page Size or Percentage
- Media Type and Size
- Stamp
- Folding
- Stacking to Front or Back
- Postscript/PDF Dither

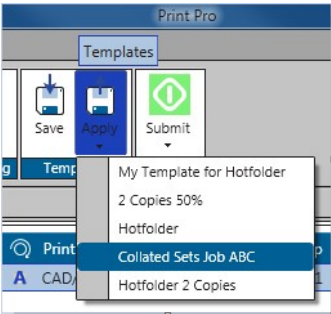
How to build your Automated Workflow:

KIP ImagePro

1. Build a “Template” with settings such as Scaling, Color Mode, Stamp and Media Type.



2. Save the Template

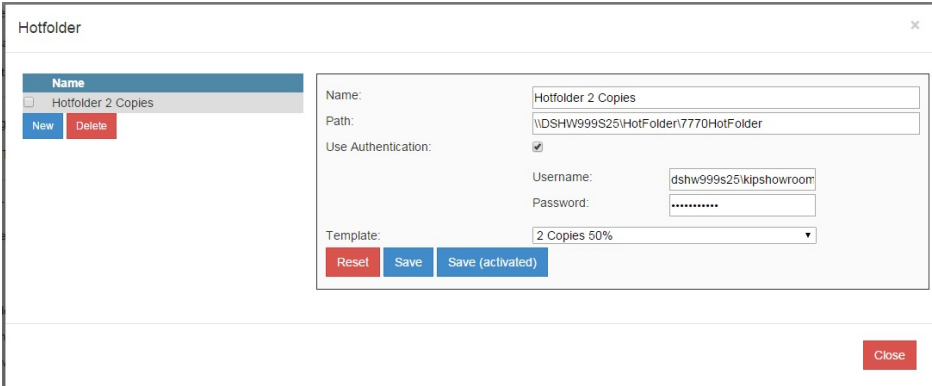


Network or Workstation Hot folder

Confirm that a Network Share or a Workstation Share allows for sharing a folder/directory to use as a Hot folder. Some “shares” will require a Username and Password depending on security requirements.

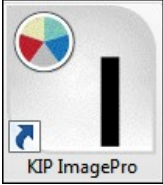
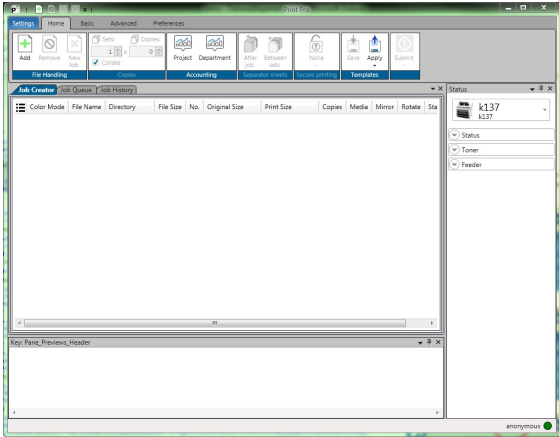

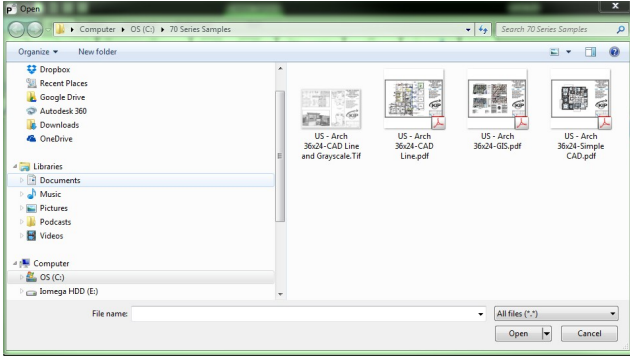
KIP PrintPro.NET

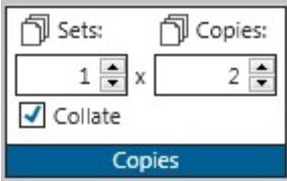
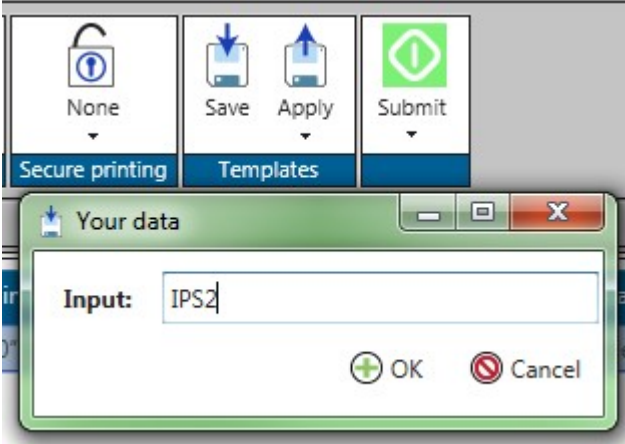
1. Using a web browser, login as Administrator
2. Access the “System Setup” tab and locate the “Job Retrieval” settings.
3. Enter a Name for the Hot folder settings,
4. Enter the Path (UNC) to the Hot folder.
5. Enter the Username/Password to access the Hot folder (as required by IT Administration)
6. Choose the Template that was created by KIP ImagePro and select “Save Activated”
7. Create as many as required.
Simply choose as many active Hot folder as are required.
8. For LPR support for UNIX and Mac environments, simply direct LPR commands to the IP Address of the KIP and include the Template name as the “queue name”.

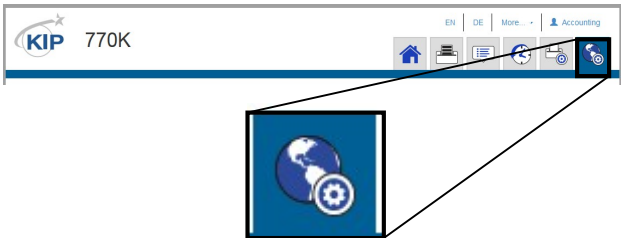



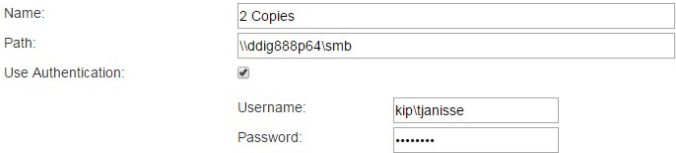


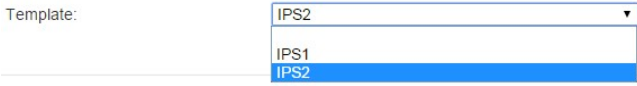
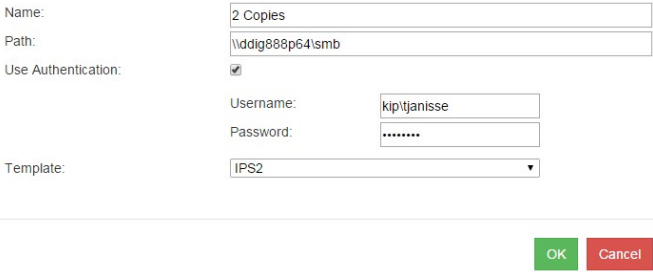
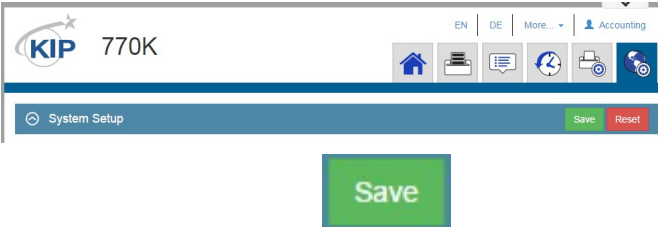

8.5 Creating and Using a Hot folder

It is possible to set up hot folders that can automatically be monitored for files. If a file is placed into the hot Folder it will then be printed. It is also possible to create a template that can be applied to the hot folder so that specific settings can be applied to the output.

Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the “Add” button.	
4.	Browse to a location where files are stored. And add a file to the job matrix Note: it is necessary to have a file selected for all the features to become active.	


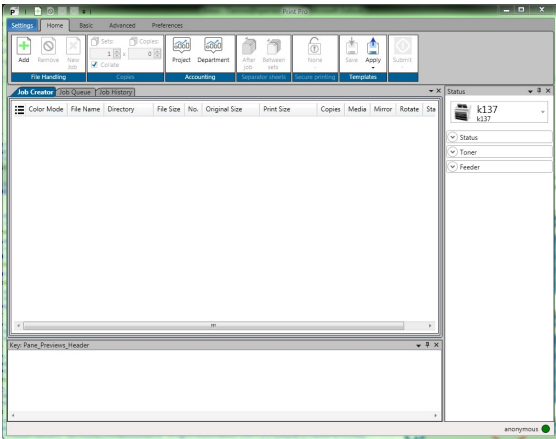

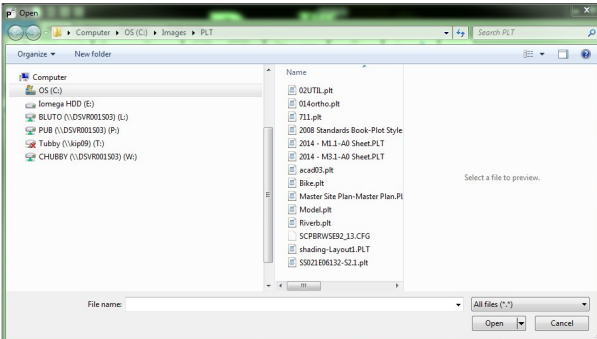
Step	Action	Illustration
5.	<p>Select the desired settings that will be applied to the Hot Folder for all files that are sent to it to be printed.</p> <p>For this example, this will be kept simple. This will be configured to print 2 copies.</p>	
6.	<p>Select the Save Icon in the Templates button.</p> <p>This will prompt for an Input name (this will be the Hot Folder Name)</p> <p>Here the Hot Folder Name is set to IPS2.</p> <p>When the Hot Folder IPS2 is used to send files to the KIP Printer anything dropped into IPS2 will produce 2 sheets at 100%.</p>	

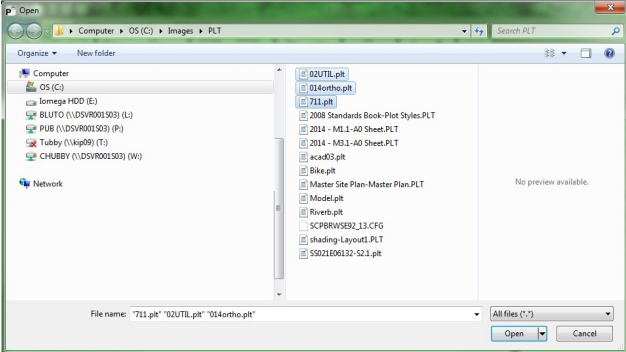
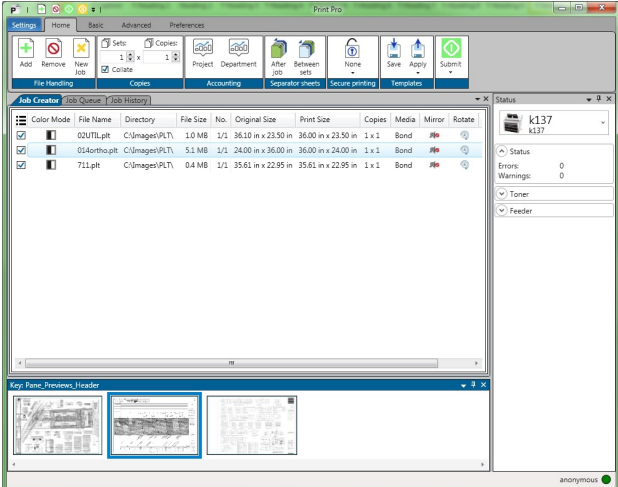
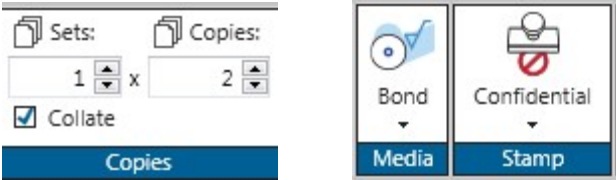
Step	Action	Illustration
<p>Please note: At this point it is necessary to have a folder location created that will be used as the hot folder. This Folder will need to have Read, Write, Modify and Delete permissions. It may be necessary to have an IT Administrator available to create this folder.</p>		
<p>7.</p>	<p>Next, open KIP PrintPro.Net. Open the browser and type the IP Address of the KIP Printer. Once this opens select the System Settings tab.</p>	
<p>8.</p>	<p>On the System Setting Page there is a section for Job Retrieval. This is where Hotfolder set up is done.</p>	
<p>9.</p>	<p>Select the Edit Button next to Hotfolder.</p>	
<p>10.</p>	<p>The Hotfolder setup window will open. Select the New button to create a new hotfolder.</p>	
<p>11.</p>	<p>Enter the correct information for the location of the hotfolder to be monitored.</p>	

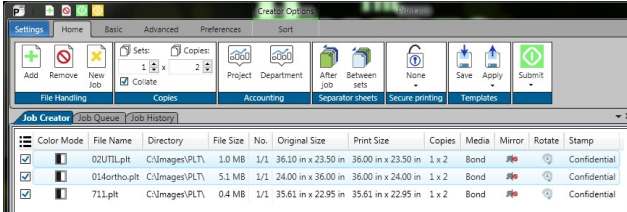

Step	Action	Illustration
12.	<p>From the Templates section, select the desired Template that will be applied to the Hotfolder.</p> <p>IPS2 (created when the Hot Folder was set up) will print 2 copies of the file at 100%.</p>	
13.	<p>Select OK</p>	
14.	<p>Select Save from the System Settings main page.</p> <p>This will set the hotfolder settings.</p>	
15.	<p>Files dropped into the newly created Hotfolder will now print two prints at 100%.</p>	

8.6 Printing a Basic job from KIP ImagePro


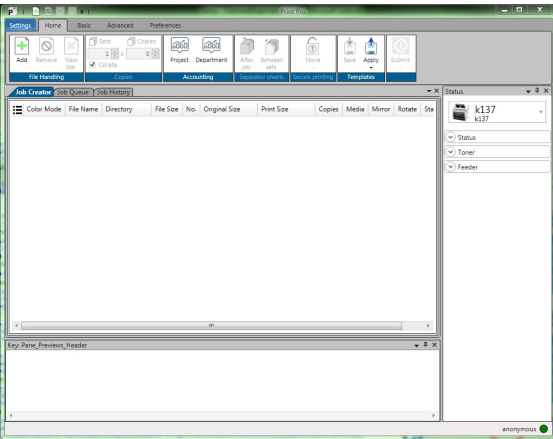

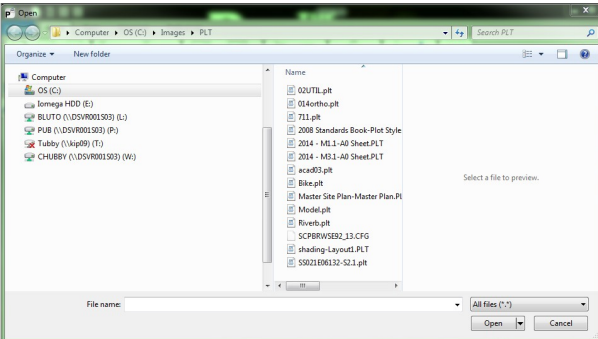
The follow steps/actions will explain how to use the KIP ImagePro Software to create a job.

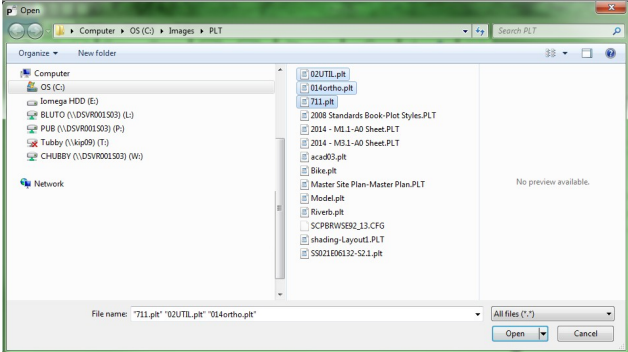
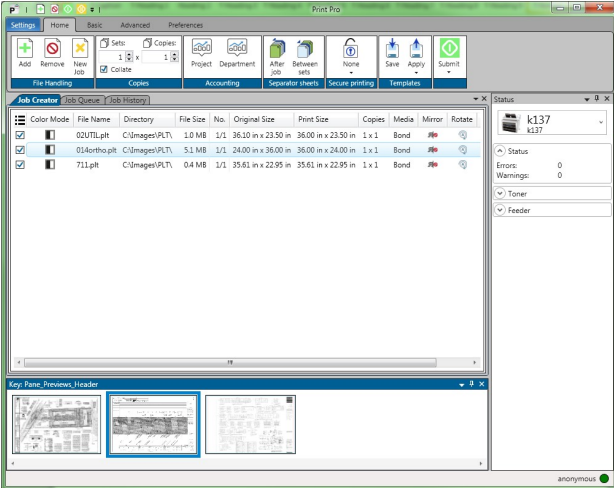
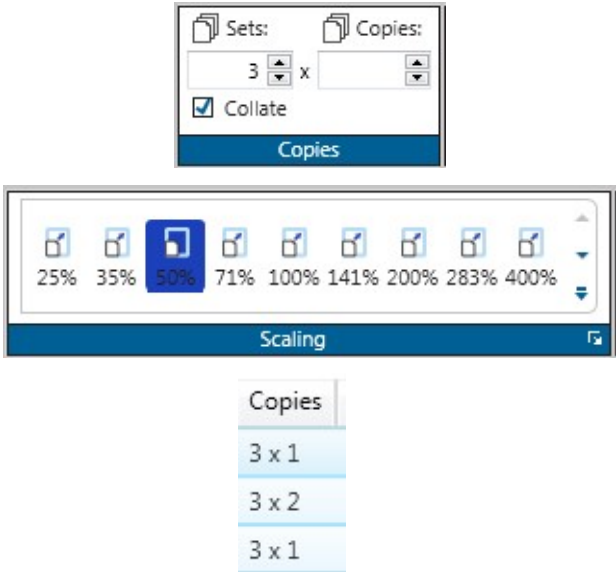
Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	
4.	Browse to a location where files are stored.	


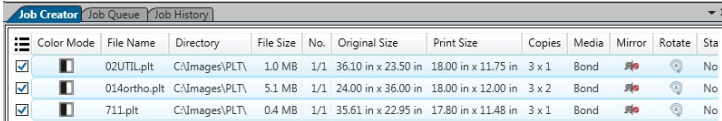

Step	Action	Illustration
5.	<p>Select the files to be printed and select “Open”</p> <p>Note: Hold Control Key to pick multiple individual files and Shift Key to select a block of files.</p>	
6.	<p>Files will be added to the Job Creator to be printed.</p> <p>Note: Select all files in the Job Creator (or individual files) that changes will apply to.</p>	
7.	<p>Make Simple changes to the job prior to submitting it:</p> <ul style="list-style-type: none"> • Home Tab – Change the number of copies. • Basic Tab – Choose desired Media, and apply a stamp. 	

Step	Action	Illustration
8.	Note the changes made in the Job Creator to the specific columns “Copies and “Stamp”	
9.	Submit the job	

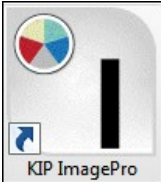
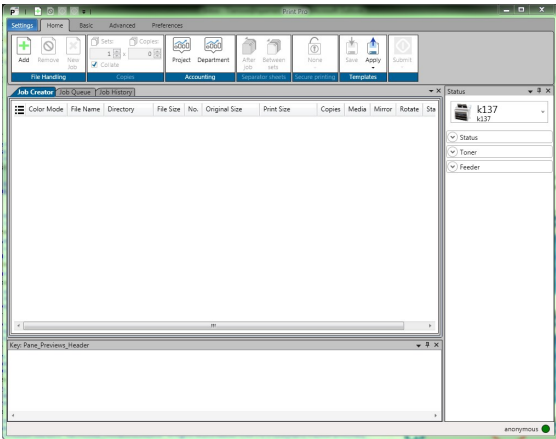

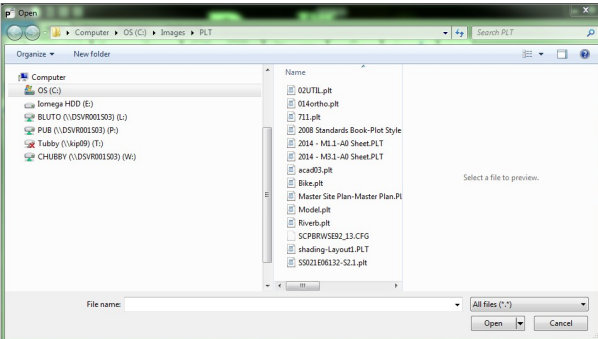
8.7 Printing an Advanced job from KIP ImagePro #1

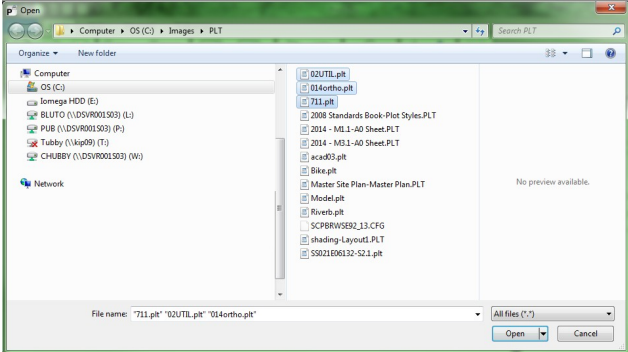
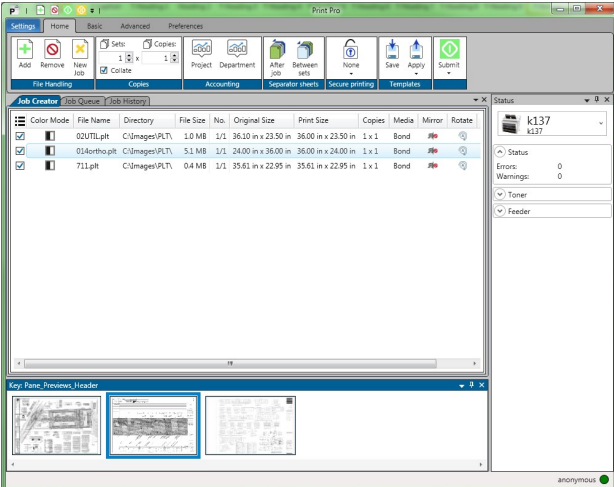
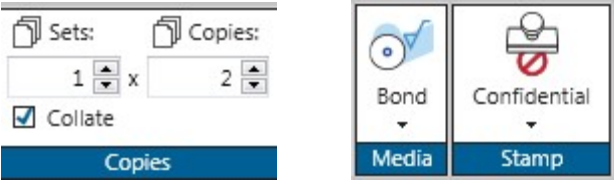
Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	
4.	Browse to a location where files are stored.	


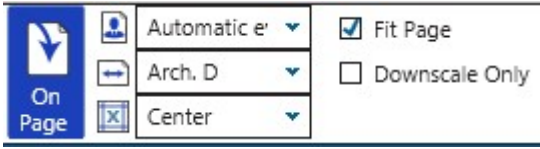
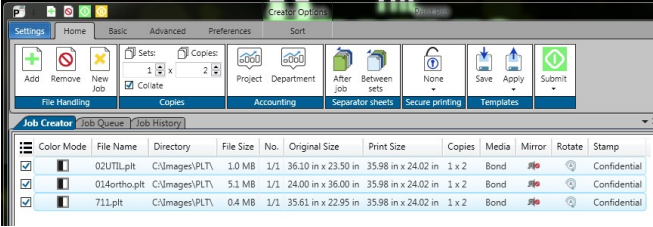

Step	Action	Illustration
5.	<p>Select the files to be printed and select “Open”</p> <p>Note: Hold Control Key to pick multiple individual files and Shift Key to select a block of files.</p>	
6.	<p>Files will be added to the Job Creator to be printed.</p> <p>Note: Select all files in the Job Creator (or individual files) that changes will apply to.</p>	
7.	<p>Make Advanced changes to the job prior to submitting it:</p> <ul style="list-style-type: none"> • Home Tab – Change the number of Sets to 3. • Basic Tab – Choose 50% • Select file #2 and change to 2 copies 	

Step	Action	Illustration
8.	On the Basic tab select Auto to let the printer choose the roll width.	
9.	<p>Note the changes made in the Job Creator to the specific columns “Copies” and Print Size”</p> <p>This job will print on suitable roll with 3 collated sets at 50%. The Second sheet will have 2 copies in each set.</p>	 <p>Output will be: Page 1, Page 2, Page 2, Page 3 then Page 1, Page 2, Page 2, Page 3 then Page 1, Page 2, Page 2, Page 3.</p>
10.	Submit the job	


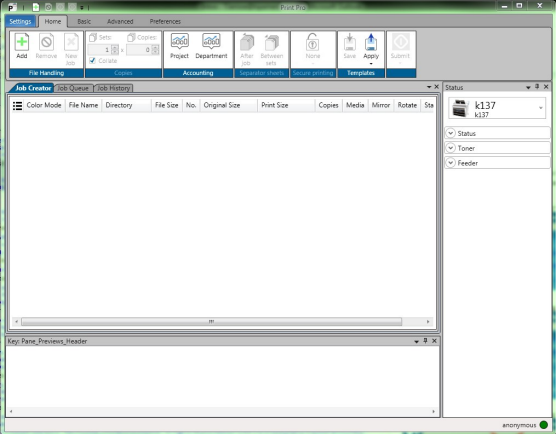

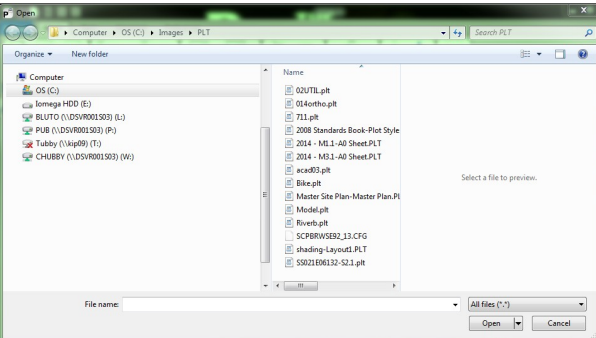
8.8 Printing an Advanced job from KIP ImagePro #2

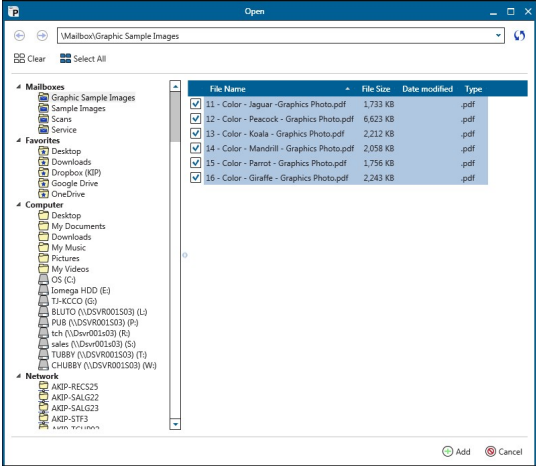
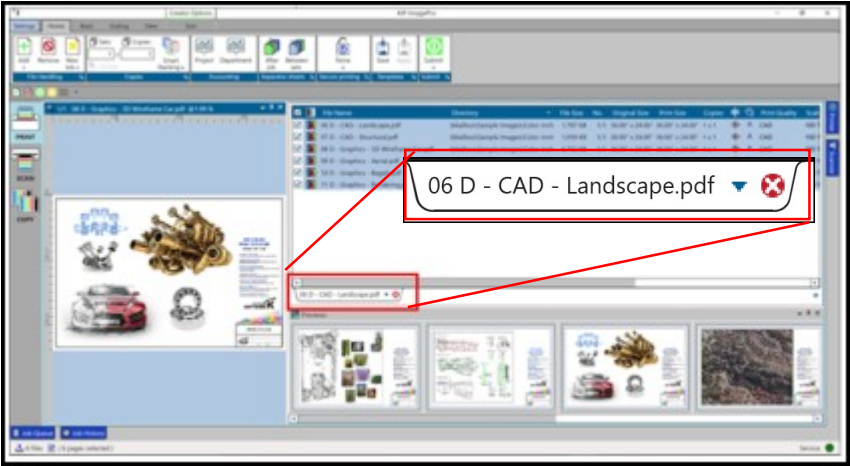
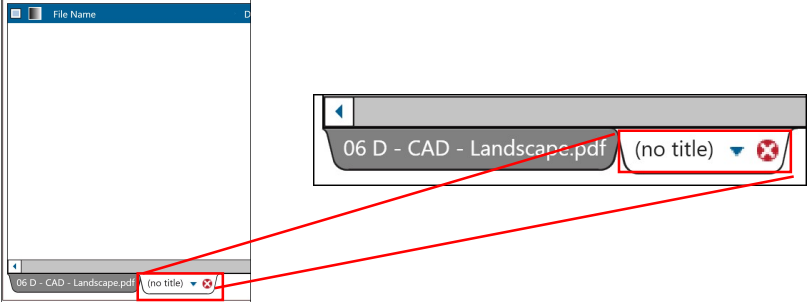
Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	
4.	Browse to a location where files are stored.	


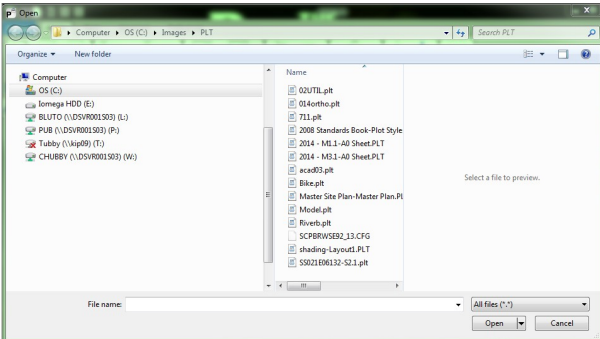
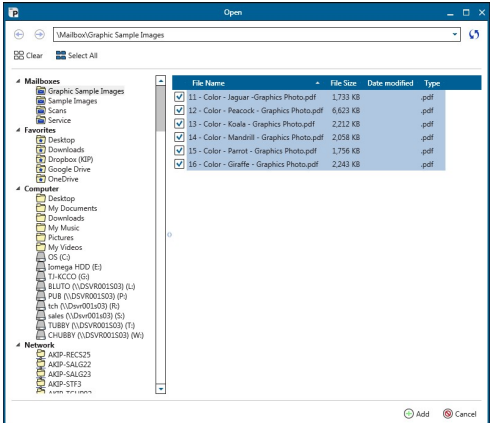
Step	Action	Illustration
5.	Select the files to be printed and select "Open"	
6.	Files will be added to the Job Creator to be printed.	
7.	<p>Make Advanced changes to the job prior to submitting it:</p> <ul style="list-style-type: none"> • Home Tab – Change the number of copies. • Basic Tab – Choose desired Media, and apply a stamp. 	

Step	Action	Illustration
8.	On the Basic tab select a specific roll width from the dropdown menu.	
9.	<p>Select the Advanced Tab and select one or all the selected files.</p> <p>Note: Selected files will be highlighted.</p> <p>Select “On Page”, a paper size of Arch D and then “Fit Page”</p>	
10.	<p>Note the changes made in the Job Creator to the specific columns “Copies”, “Stamp”, “Print Size”</p> <p>This job will print on a 36” roll (if not loaded this will not switch to a different roll), with a stamp and all sheets will be 36x24 scaled to fit and there will be two of each sheet.</p>	
11.	Submit the job	

8.9 Creating Multiple Jobs

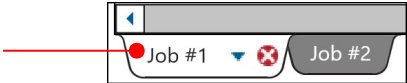
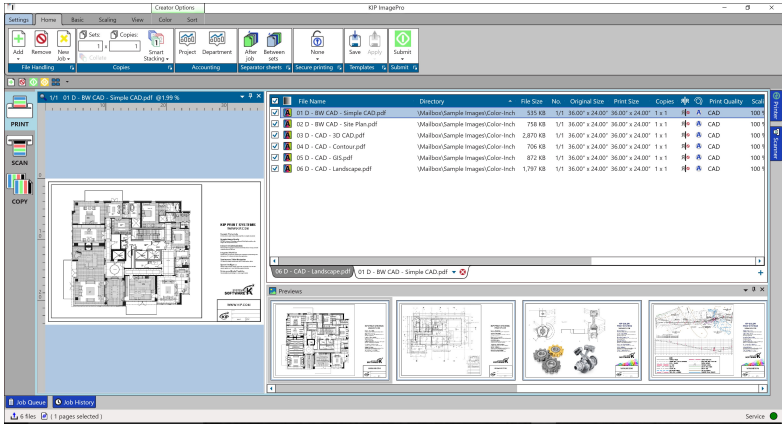
Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	 <p>Add</p>
4.	Browse to a location where files are stored.	

Step	Action	Illustration
5.	Select the files to be printed and select "Open"	
6.	Files will be added to the Job Matrix. There will now be a tab at the bottom left of the Job Matrix with the name of the first file selected.	
7.	Select New Job – A new tab will be created at the bottom of the Job Matrix.	

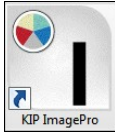
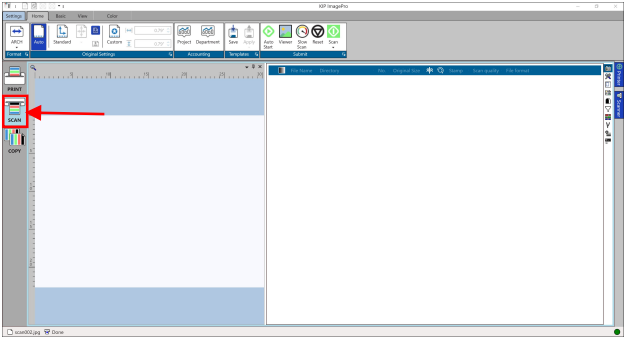
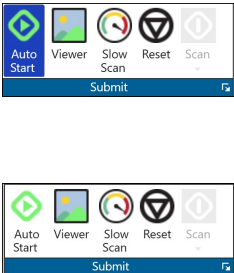
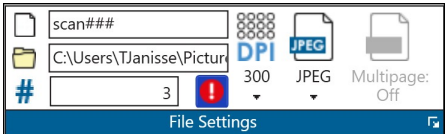
Step	Action	Illustration
8.	Select the “Add” button.	
9.	Browse to a location where files are stored.	
10.	Select the files to be printed and select “Open”	

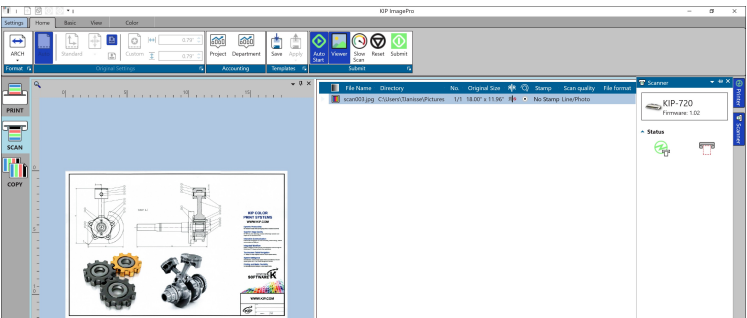
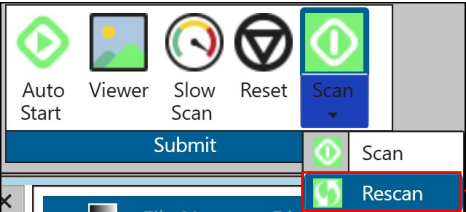
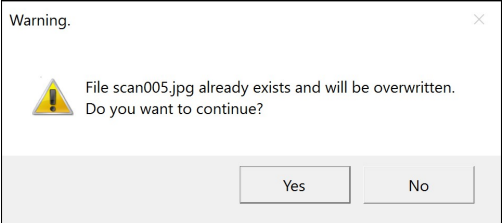
11. The new job (second tab) will now be displayed at the bottom with the name of the first file in the job.

Note: The Job tabs can be renamed by clicking on the name and then changing the text.



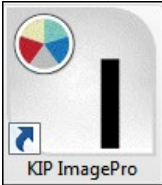
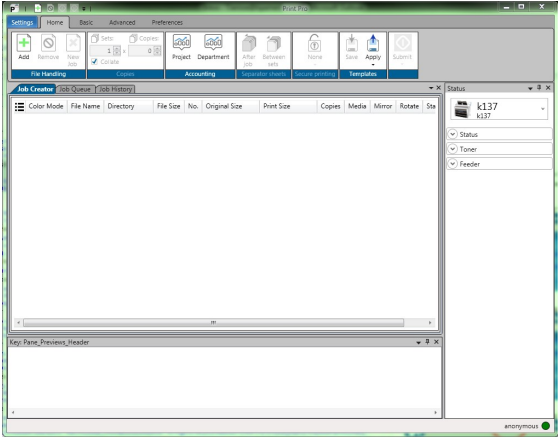

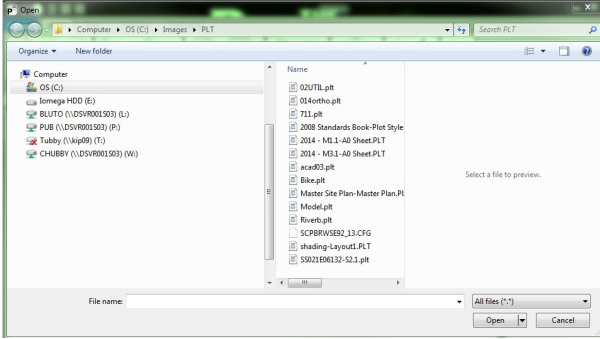
8.10 Scan to File and Rescan

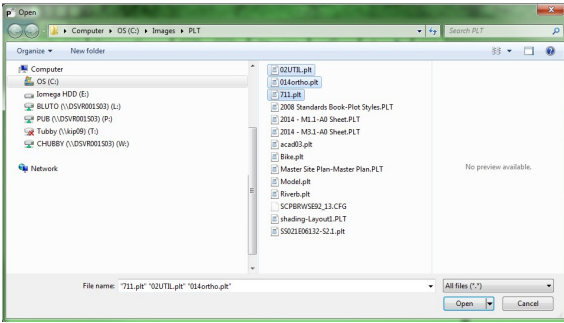
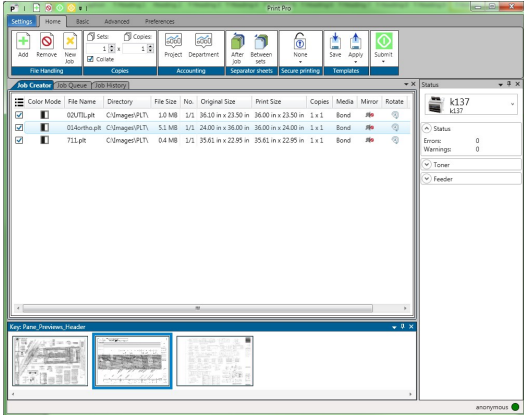
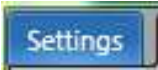


Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen. Select the Scan Icon on the left side of the screen.	
3.	<p>Usage</p> <ul style="list-style-type: none"> If Auto Start is active, make necessary setting adjustments prior to inserting the document to be scanned. If Auto Start is not active, it is possible to make necessary setting adjustments with the document already loaded. 	
4.	<p>On the Basic Tab, under File Settings browse set the following:</p> <ul style="list-style-type: none"> Scan Name Browse to the location to save the file. Set the starting number. Set the DPI. Set the file format. Turn on/off Multipage (if supported by selected format). 	



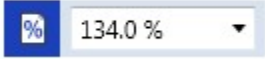
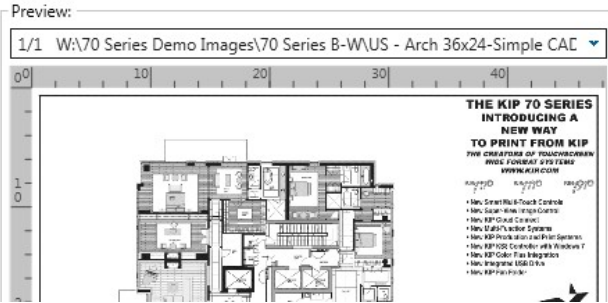
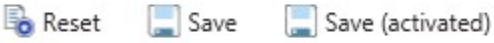
Step	Action	Illustration
5.	<p>Scan the Document:</p> <p>Make any other scan adjustments and insert document into scanner.</p> <p>Note: If Preview is active the scanned image will display in the High Definition viewer. If it is not active the file will be saved in the set location without a preview.</p>	
6.	<p>Rescan the Document:</p> <p>To be able to utilize the rescan function the Auto Start function should not be active.</p> <p>Scan the document as done in step 5 (note: it will be necessary to click on the Submit button).</p> <p>Once the document has been scanned to the set location, insert the same document to be re-scanned.</p> <p>Select the Dropdown Arrow under the Submit button and select Rescan.</p>	
7.	<p>Overwrite warning:</p> <p>There will be a warning that the existing file will be overwritten. Select yes to accept the new re-scanned image.</p>	

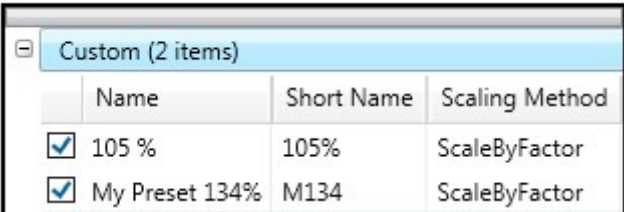
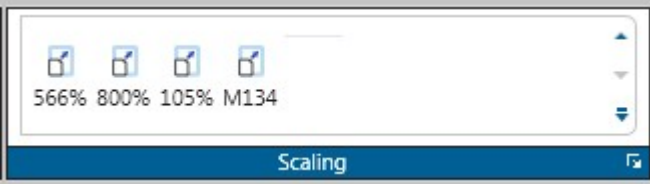

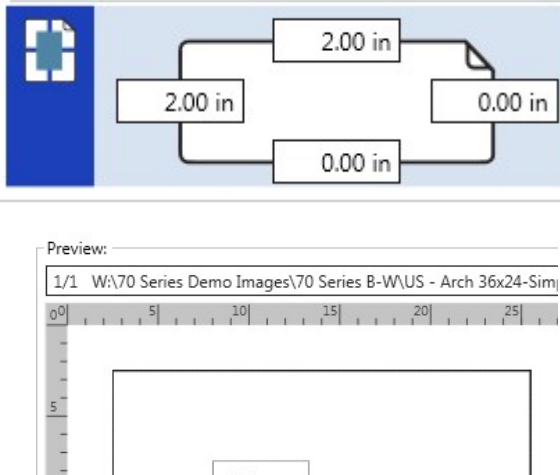
8.11 Creating a Custom Scaling Preset

The Following section will explain how to create a Custom Scaling Preset and how the different settings within the Scaling Preset can be used.


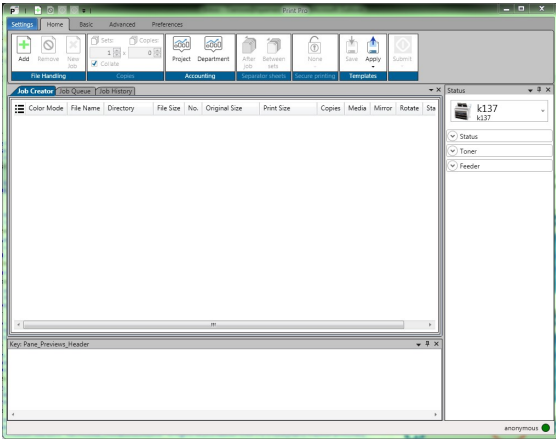

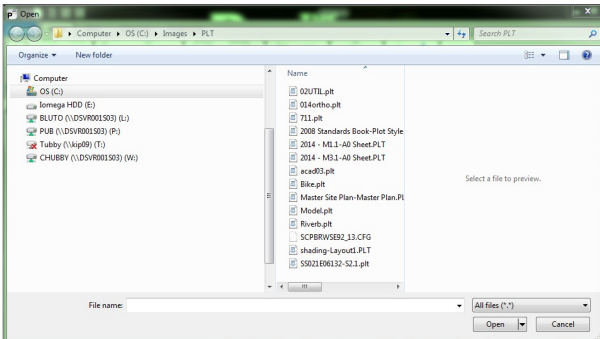
Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the “Add” button.	
4.	Browse to a location where files are stored.	

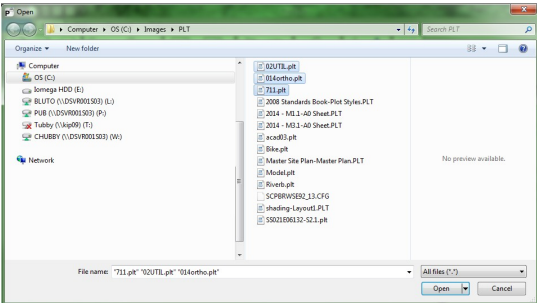
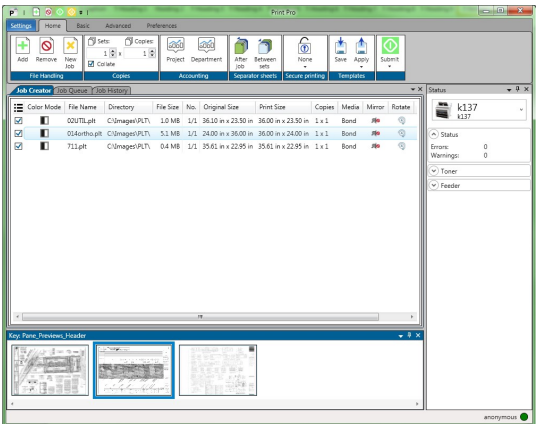



Step	Action	Illustration
5.	Select the files to be printed and select "Open"	
6.	Files will be added to the Job Creator to be printed.	
7.	Select the Settings Tab	
8.	Select the Scaling Presets button	
9.	Select New Note: It is also possible to make a copy and edit an existing System Preset.	

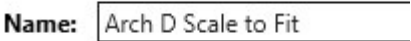
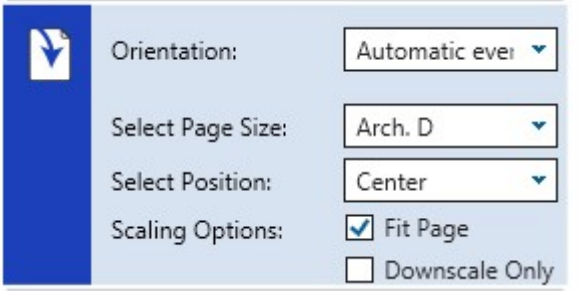
Step	Action	Illustration
10.	<p>Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.</p> <p>Note: This example will create a Custom Scaling Preset of 134%</p>	
11.	<p>The Preview will show the image and the size.</p> <p>Select the % button and change the value to 134.</p>	<p>100 Percent</p>  <p>134 Percent</p>  <p>134 Percent</p> 
12.	<p>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.</p>	

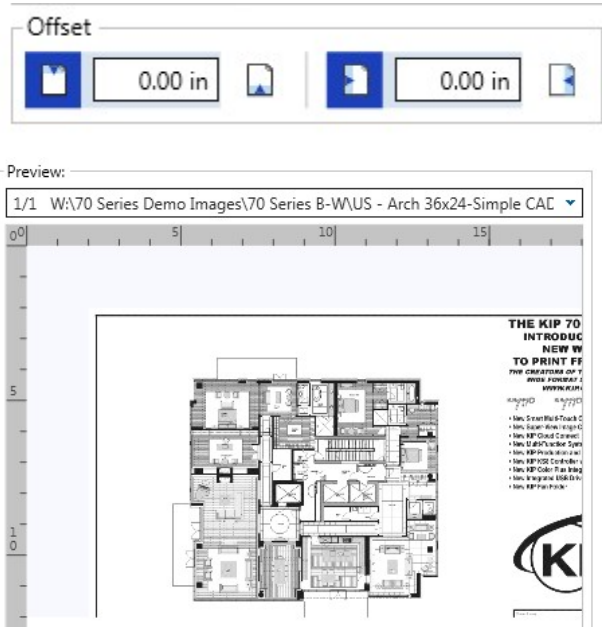

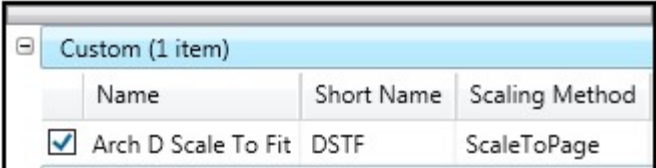

Step	Action	Illustration															
13.	This new Scaling Preset will be displayed on the left panel with the other settings.	 <table border="1" data-bbox="740 474 1360 684"> <thead> <tr> <th colspan="3">Custom (2 items)</th> </tr> <tr> <th> </th> <th>Name</th> <th>Short Name</th> <th>Scaling Method</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>105 %</td> <td>105%</td> <td>ScaleByFactor</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>My Preset 134%</td> <td>M134</td> <td>ScaleByFactor</td> </tr> </tbody> </table>	Custom (2 items)				Name	Short Name	Scaling Method	<input checked="" type="checkbox"/>	105 %	105%	ScaleByFactor	<input checked="" type="checkbox"/>	My Preset 134%	M134	ScaleByFactor
Custom (2 items)																	
	Name	Short Name	Scaling Method														
<input checked="" type="checkbox"/>	105 %	105%	ScaleByFactor														
<input checked="" type="checkbox"/>	My Preset 134%	M134	ScaleByFactor														
14.	This is now usable from the KIP ImagePro application under the Basic tab. Note: This is now also available in other KIP Applications as well.																
15.	In addition to the previous settings if borders are necessary select the Borders section.																
16.	Add the necessary borders and this will be displayed in the Preview window.																

8.12 Creating a Custom Scaling Preset for Scale to Page Size

Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	
4.	Browse to a location where files are stored.	


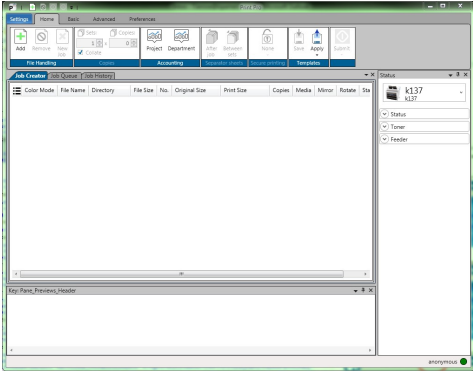

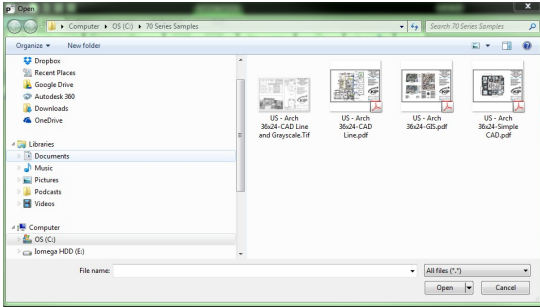
Step	Action	Illustration
5.	Select the files to be printed and select "Open"	
6.	Files will be added to the Job Creator to be printed.	
7.	Select the Settings Tab	
8.	Select the Scaling Presets button	
9.	<p>Select New</p> <p>Note: It is also possible to make a copy and edit an existing system preset.</p>	

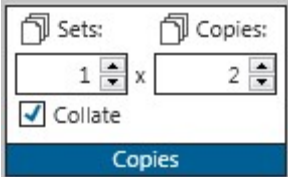
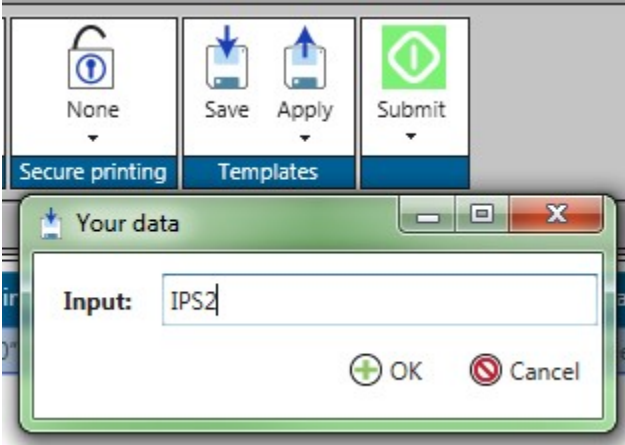
Step	Action	Illustration
10.	<p>Name – This is the name that will be displayed in the Preset list of names and will be displayed on the main screen.</p> <p>Note: This example will create a Custom Scaling Preset for an Arch D Scale to Fit.</p>	
11.	<p>Select the desired settings for the Preset being created.</p> <p>Note: For this example, an Arch D Scale to Fit Preset will be created.</p>	
<p>Options for the Preset:</p> <p>Orientation</p> <p>Automatic Even – Rotates the image on the media based on the Long Edge of the document.</p> <p>Automatic Odd – Rotates the image on the media based on the Short Edge of the document.</p> <p>Select Position - Select the position to place the image from the available list.</p> <p>Scaling Options</p> <p>Fit Page - Fits the selected image to the page size selected</p> <p>Downscale Only – Does not scale images originally smaller than selected settings.</p>		

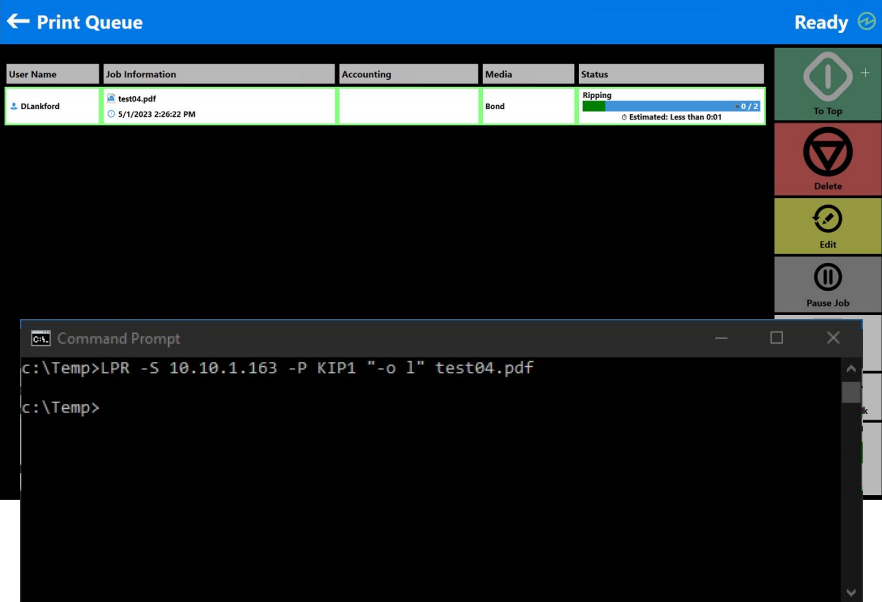

Step	Action	Illustration
12.	<p>Offset – Allows for the addition of Margins to the Top or Bottom, Left or Right.</p>	 <p>The illustration shows the 'Offset' dialog box with two input fields, each set to '0.00 in'. Below the dialog is a 'Preview' window showing a floor plan with a white border around it, indicating the offset margins. The preview window also shows a ruler and a list of printer features.</p>
13.	<p>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.</p>	 <p>The illustration shows three buttons: 'Reset', 'Save', and 'Save (activated)'. The 'Save (activated)' button is highlighted with a blue background.</p>
14.	<p>This new system Preset will be displayed on the left panel with the other settings.</p>	 <p>The illustration shows a list of scaling presets. The selected preset is 'Arch D Scale To Fit' with a short name of 'DSTF' and a scaling method of 'ScaleToPage'. The list has columns for Name, Short Name, and Scaling Method.</p>
15.	<p>This is now usable from the KIP ImagePro application under the Basic tab.</p> <p>Note: This is now also available in other KIP Applications as well.</p>	 <p>The illustration shows the 'Scaling' control bar with three buttons: '566%', '800%' (which is highlighted), and 'DSTF'. The bar is labeled 'Scaling' at the bottom.</p>

8.13 Creating a Queue for use with LPR printing.

It is sometimes necessary to set up a queue to be used for LPR Printing. This method of printing is necessary when there is a Unix, Macintosh or Custom Application. This is done by creating a Template within the KIP ImagePro application. Follow these steps to create a LPR/Hot folder Queue.

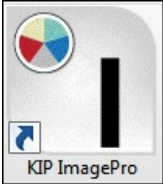
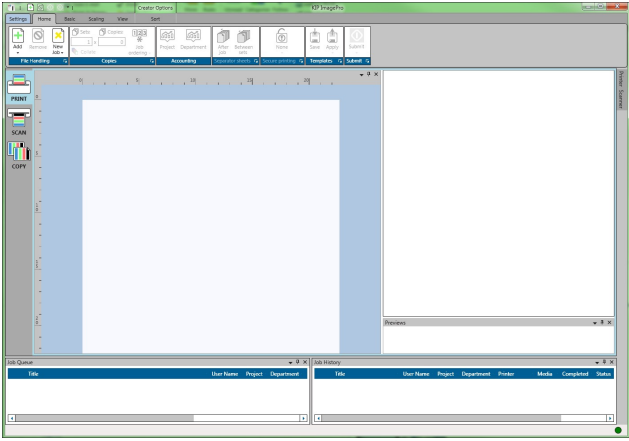

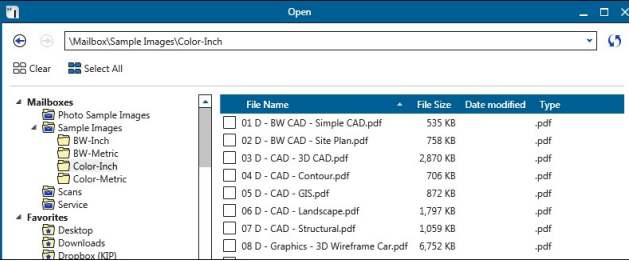
Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	
4.	Browse to a location where files are stored. And add a file to the job matrix Note: it is necessary to have a file selected for all the features to become active,	

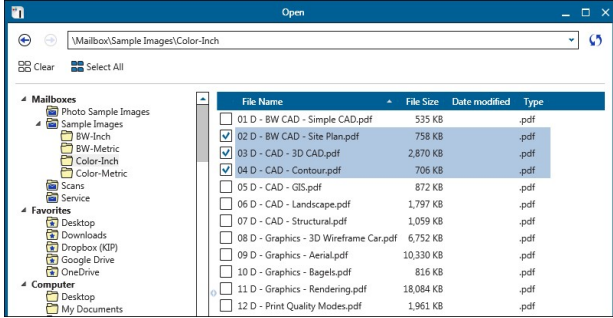
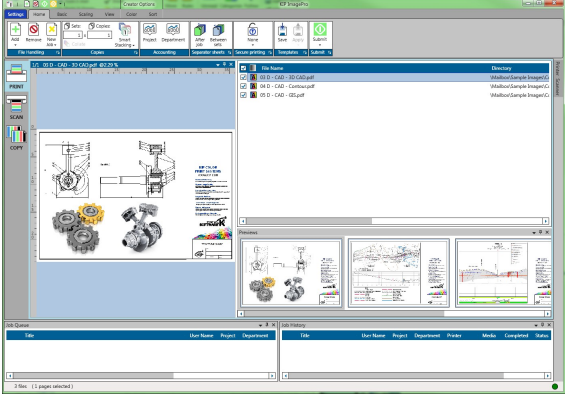


Step	Action	Illustration
5.	<p>Select the desired settings that will be applied to the LRP queue for all files that are sent to it to be printed.</p> <p>For this example, this will be kept simple. This will be configured to print 2 copies.</p>	
6.	<p>Select the Save Icon in the Templates button.</p> <p>This will prompt for an Input name (this will be the Queue Name)</p> <p>Here the Queue Name is set to IPS2.</p> <p>When LPR is used to send files to the KIP Printer anything sent to IPS2 will produce 2 sheets at 100%.</p>	

Step	Action	Illustration
7.	Next send a file via LPR and this will then be sent directly to the KIP Queue to be printed.	
8.	Printed Output 2 Sheets	

8.14 Using Secure Printing

It is possible to send files securely to the KIP Printer. This allows for jobs to be printed/released only when wanted.

Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the "Add" button.	
4.	Browse to a location where files are stored. And add a file to the job matrix Note: it is necessary to have a file selected for all the features to become active.	

Step	Action	Illustration
5.	Select the files to be printed and select “Open”	
6.	Files will be added to the Job Creator to be printed.	
7.	Select Secure Printing Dropdown	
8.	<p>Select the desired secure printing mode:</p> <p>None – Send as normal no security on job.</p> <p>PIN – Enter a PIN Number and then submit the Job. This job will sit in the queue and will not print until it is released with the associated PIN.</p> <p>User – When Users are required to log in, it is then possible to choose User as the secure printing entry. This will then hold all jobs sent by the user until they log in to the KIP Printer. Once logged in, all jobs by this user will be released.</p>	

8.15 Creating Color Presets for Templates

How to configure Color Copy and Color Scan Presets to make Workflow Automation Templates

For specific types of originals, users may wish to build short cuts to simplify the number of steps to make a color copy. Create custom Copy and Scan Presets and then combine them into a Color Copy Template. Activating the specific KIP Scanner (720 or 2300) ICC profile during the copy process improves the copy quality. In this example, we are building a preset that would work well for documents with heavy Color Graphics or CAD Documents with Photographs.

- A. Use ImagePro to create Print Quality Preset
- B. Use ImagePro to create Scan Quality Preset
- C. At the Touch UI, combine the Print and Scan presets to make a Template

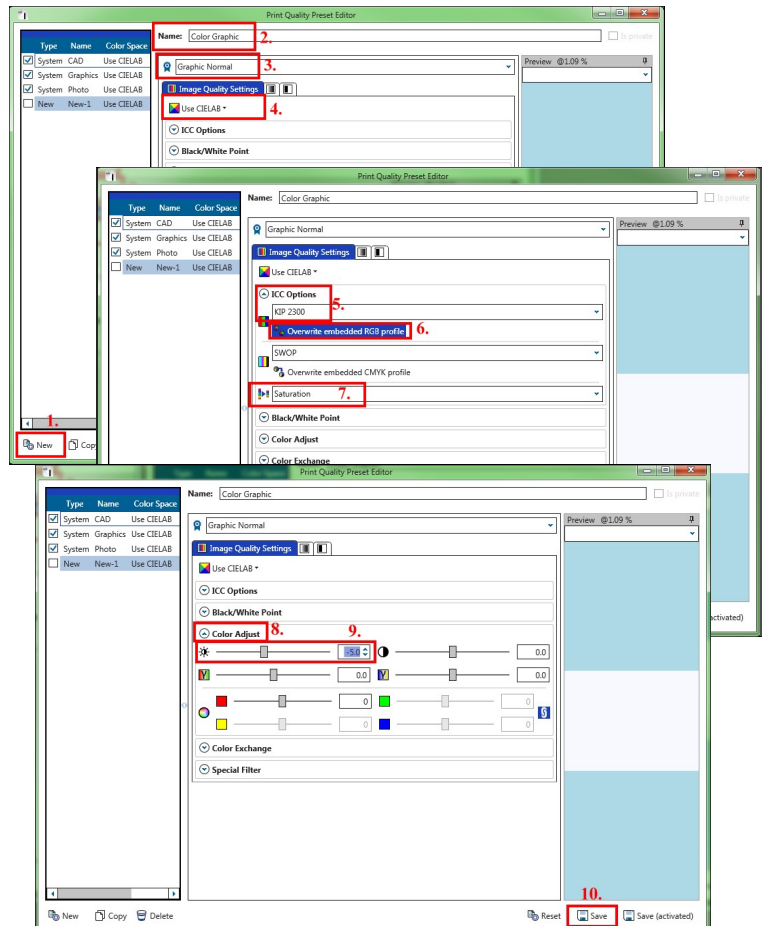
A. Use ImagePro to create a Print Quality Preset

Open **ImagePro**, go to **Settings**, then **Print Quality Presets**. Configure the parameters shown and then save/activate the new system preset.

1. Select **New**
2. Change the name to: **Color Graphic**
3. Set Image Quality: **Graphic Normal**
4. Color Space: **CIELAB**

Change the following **ICC/CIELAB Options**:

5. RGB Profile: **KIP 2300**
6. Enable: **Overwrite embedded RGB Profile**
7. Select Rendering Intent: **Saturation**
8. In **Color Adjust**, change:
9. **Brightness: -5** (adjust this to darken the output)
10. Select **Save (activated)** to add the Print Quality Preset to the Touch and ImagePro UI



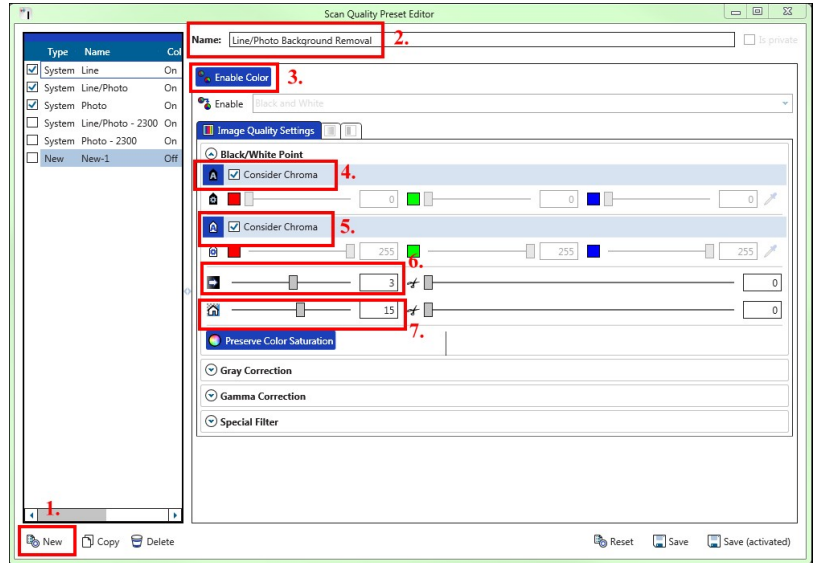
B. Use ImagePro to create a Scan Quality Preset

Open ImagePro, go to Settings, then **Scan Quality Presets**. Configure the parameters shown and then

1. Select **New**
2. Change the name to: **Line/Photo Background Removal**
3. Ensure **Enable Color** is checked

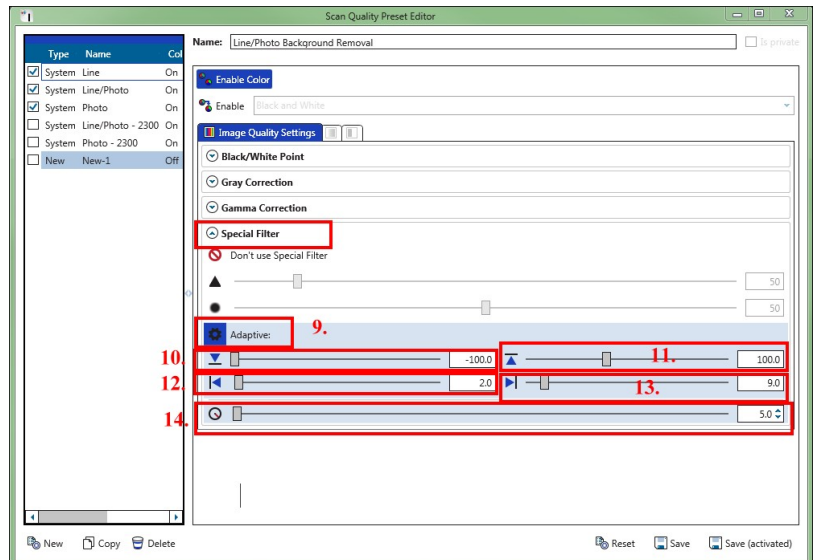
Set the following Image Quality Settings:

4. **Blackpoint: Adaptive** and **Consider Chroma**
5. **White point: Adaptive** and **Consider Chroma**
6. **Black Enhancement: 3**
7. **Background Removal: 15**
8. Enable: **Preserve Color Saturation**



In the **Special Filter** section set the following:

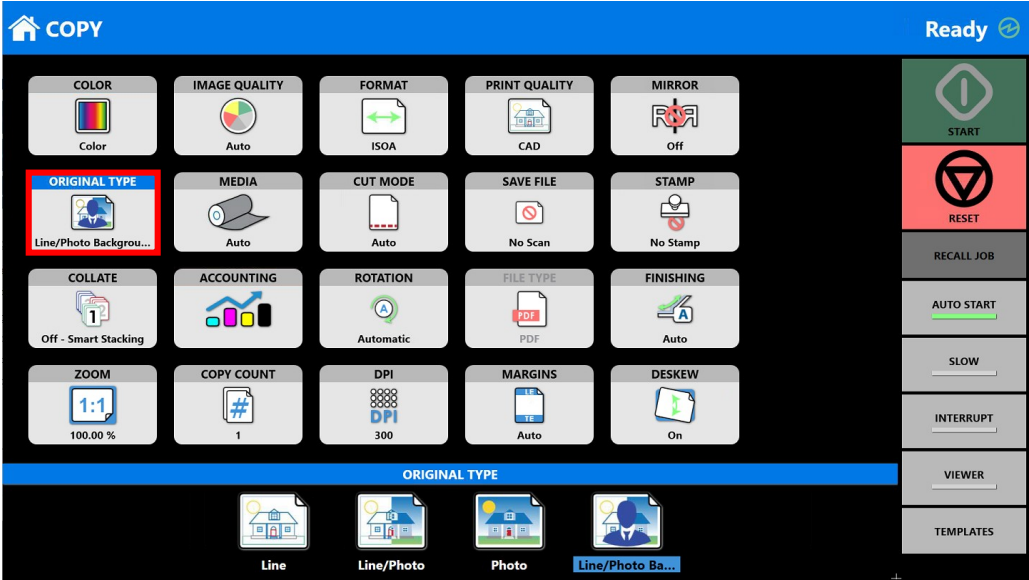
9. **Adaptive Mode: ON**
10. **Low Level: -100**
11. **High Level: 100**
12. **Limit Left: 2**
13. **Limit Right: 9**
14. **Radius: 5**



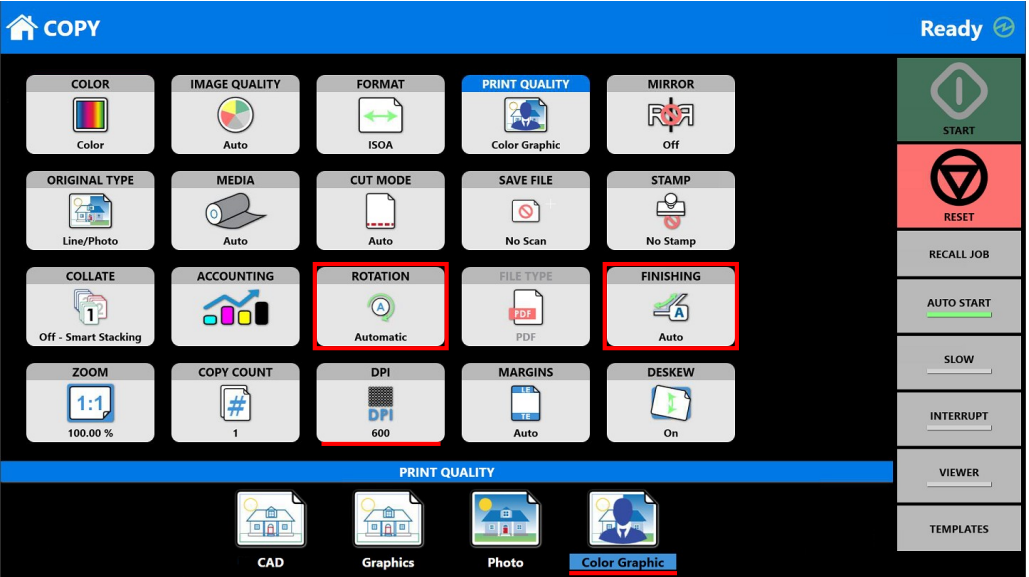
C. Use Touch UI to create a Template to simply the workflow

Once the Print and Scan Quality Presets have been created. Go to the Touch UI and combine them with other settings to make a Color Copy Template:

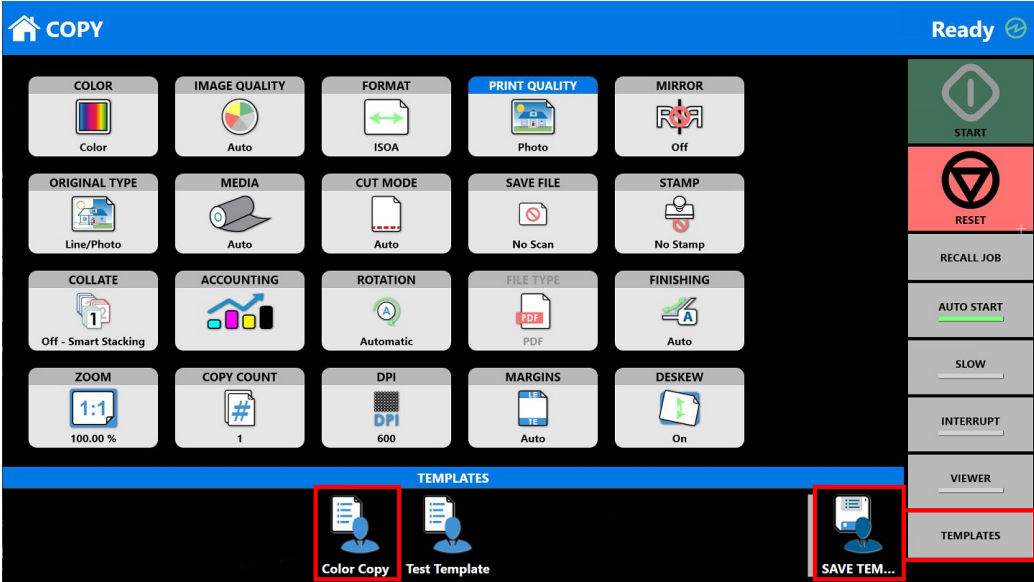
- 1. On the Color Copy UI, choose **Original Type**: locate the name of Scan Quality Preset created in ImagePro. In this example, we had named it **“Line/Photo Background Removal”**



- 2. Scroll to the right on the Touch UI to access the **DPI: 600** and **Print Quality** preset named **Color Graphic**:


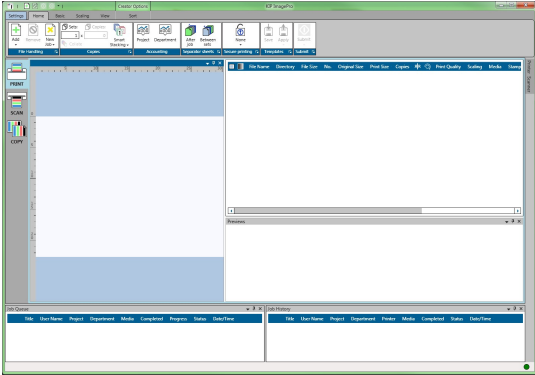

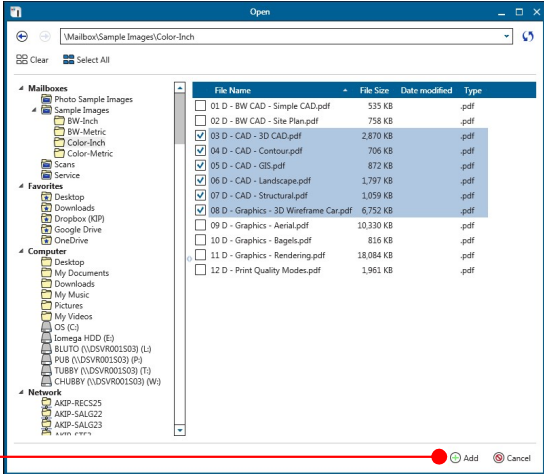


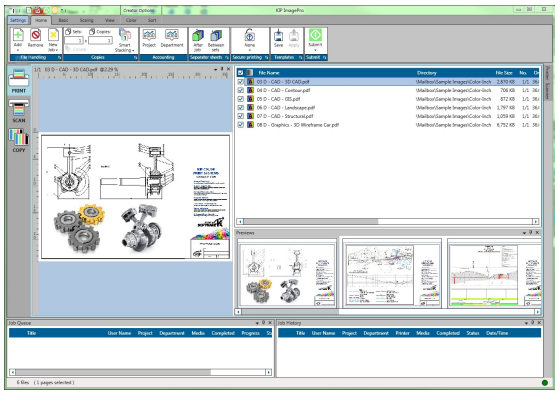
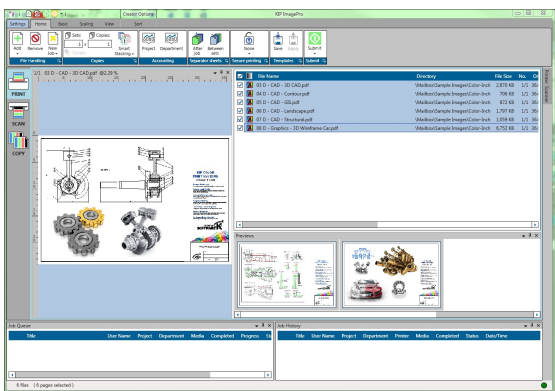
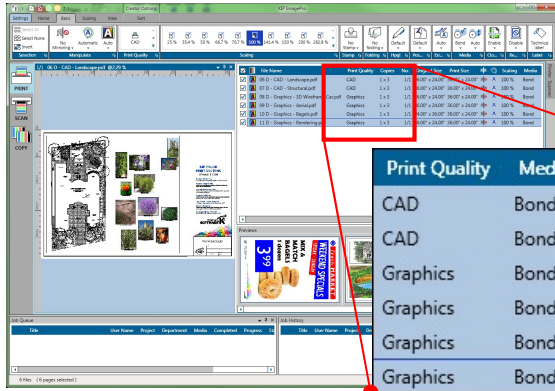
- 3. Locate the **Template** button on the far right and save the Template with a recognizable name such as **Color Copy**. The next time you need to make a quick color copy, access the Templates and choose the one that is best for your application.
- 4. Use this Template to quick access the best settings to make a Color Copy.


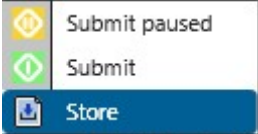
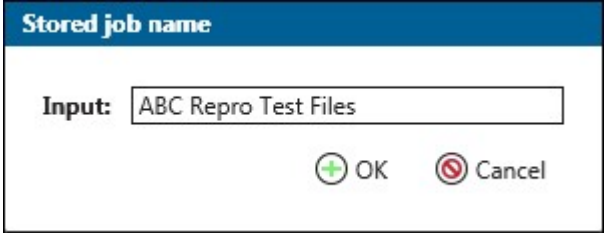
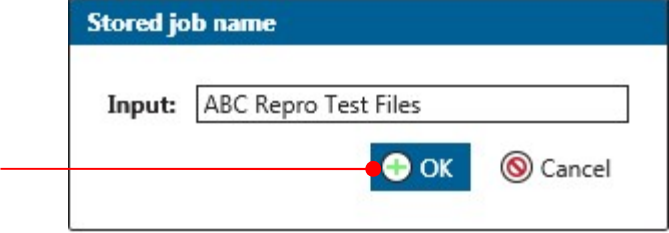



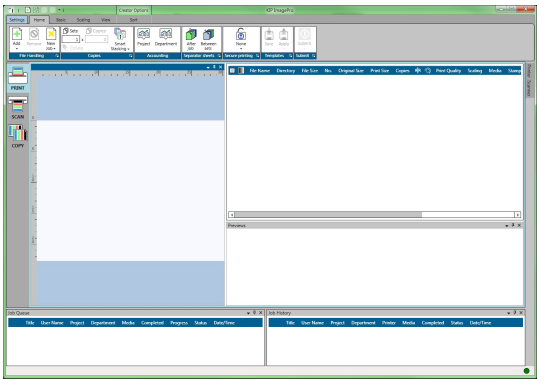

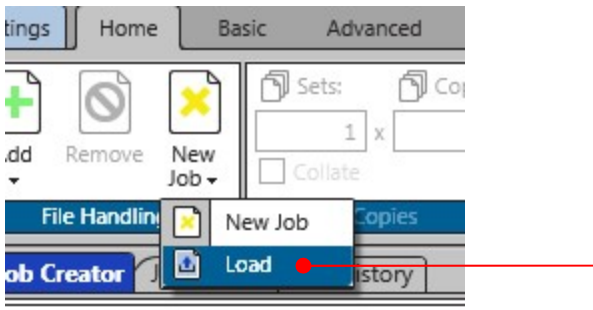
8.16 How to Save a Job and Load a Saved Job.

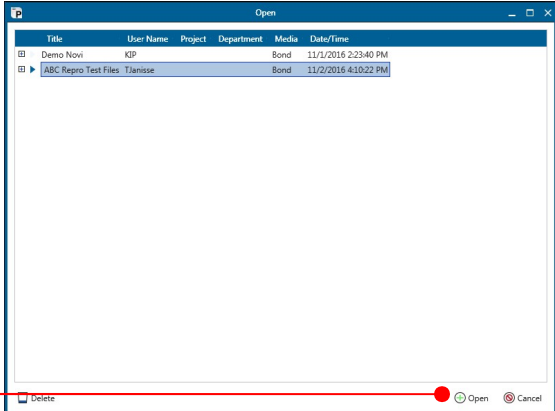
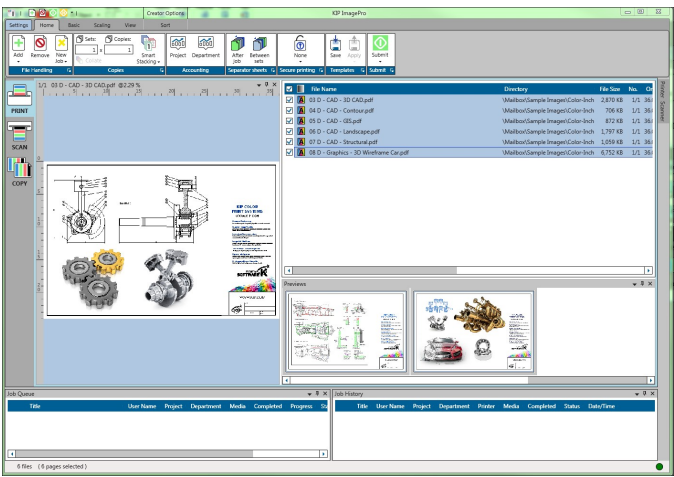
It is possible to create a job that may be used often and save this so that it can be loaded (recalled) again later. This procedure will show how this is done.

Step	Action	Illustration
<p><u>Saving a Job</u></p>		
1.	Open KIP ImagePro by double clicking the KIP ImagePro icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the “Add” button.	 <p style="text-align: center;">Add</p>
4.	Browse to a location where files are stored. Select the files to be added. Select the “Add” Button.	

Step	Action	Illustration																					
5.	Once the files have been added they will show up in the job creator as well as in the preview pane at the bottom of the screen.																						
6.	Select all the files (if changes are to be made to all files) or individual files. Selected files will highlight in blue.																						
7.	Set up the job as if it is to be printed with whatever settings are necessary. Here # of copies is changed to 3 and Print quality is set to match the desired output.	 <table border="1" data-bbox="1230 1434 1515 1675"> <thead> <tr> <th>Print Quality</th> <th>Media</th> <th>Copies</th> </tr> </thead> <tbody> <tr> <td>CAD</td> <td>Bond</td> <td>1 x 3</td> </tr> <tr> <td>CAD</td> <td>Bond</td> <td>1 x 3</td> </tr> <tr> <td>Graphics</td> <td>Bond</td> <td>1 x 3</td> </tr> <tr> <td>Graphics</td> <td>Bond</td> <td>1 x 3</td> </tr> <tr> <td>Graphics</td> <td>Bond</td> <td>1 x 3</td> </tr> <tr> <td>Graphics</td> <td>Bond</td> <td>1 x 3</td> </tr> </tbody> </table>	Print Quality	Media	Copies	CAD	Bond	1 x 3	CAD	Bond	1 x 3	Graphics	Bond	1 x 3	Graphics	Bond	1 x 3	Graphics	Bond	1 x 3	Graphics	Bond	1 x 3
Print Quality	Media	Copies																					
CAD	Bond	1 x 3																					
CAD	Bond	1 x 3																					
Graphics	Bond	1 x 3																					
Graphics	Bond	1 x 3																					
Graphics	Bond	1 x 3																					
Graphics	Bond	1 x 3																					

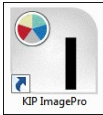
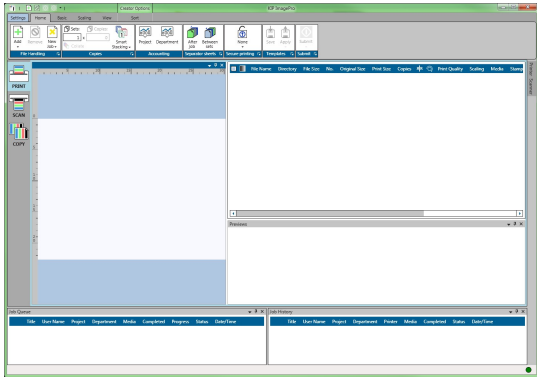

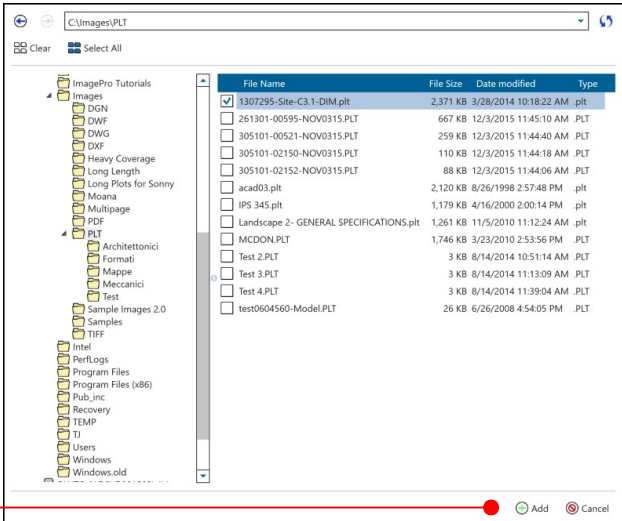
Step	Action	Illustration
8.	Return to the Home Tab and select the dropdown arrow under "Submit"	
9.	Select "Store"	
10.	Enter a name for the job being saved.	
11.	Select "OK" to save	

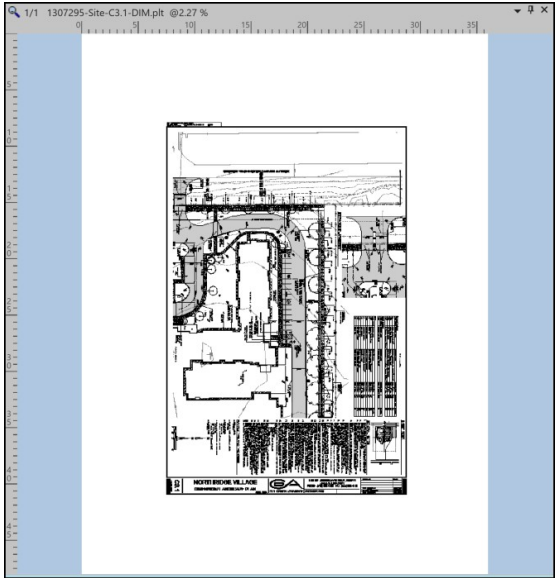

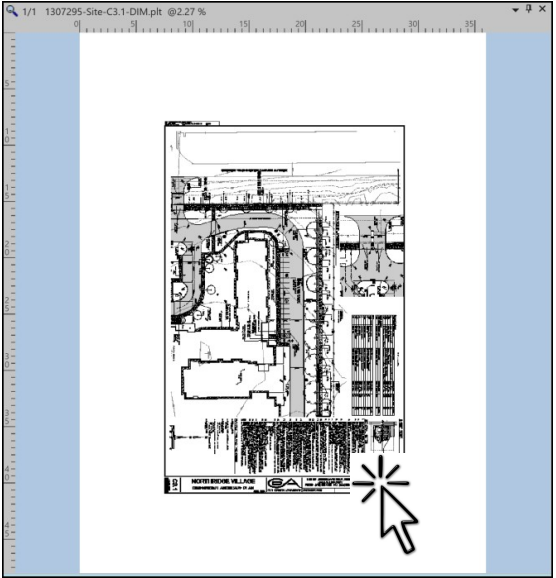
Step	Action	Illustration
<h2><u>Loading a Saved Job</u></h2>		
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the dropdown arrow on the “New Job” button.	
4.	Select the “Load” button.	

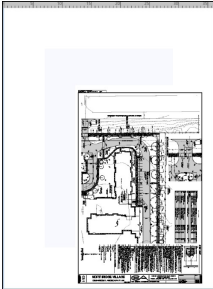
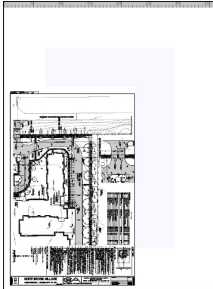
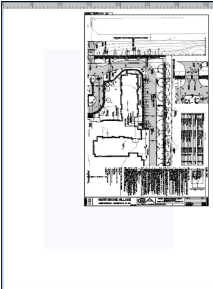
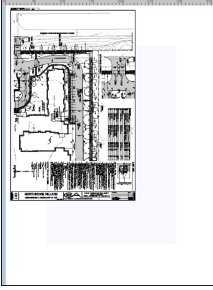

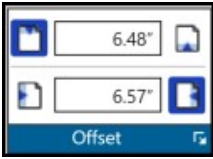
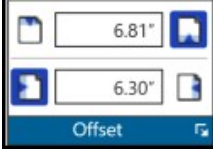

Step	Action	Illustration
5.	Once the job has been selected click the “Open” button.	
6.	<p>This will add the selected saved job back into the Job Creator with all the settings it was saved with.</p> <p>This job can now be submitted as is or files may be added to it or removed from it prior to submittal.</p> <p>If changed it can then be saved as a new saved job if necessary following the steps in the previous section.</p>	

8.17 How to Manually Move Image on Page (Manual Offset).

It is possible to manually move the image on the page to position it in the desired location.

Step	Action	Illustration
1.	Open KIP ImagePro by double clicking the KIP ImagePro Icon.	
2.	Once the application opens this should be the main screen.	
3.	Select the “Add” button.	
4.	Browse to a location where files are stored. Select the files to be added. Select the “Add” Button.	

Step	Action	Illustration
5.	<p>For this example, the file is a 36"x24" original being placed on a 36"x48" page so there is room to show how to manipulate the image.</p> <p>Note: The Image automatically rotated to accommodate the 36"x48" page size.</p>	
6.	<p>To Manipulate the image, "Manual Placement" on the page hold the Spacebar on the keyboard and then depress and hold the "Left" mouse button on the image. Drag image to desired position.</p>	<div data-bbox="756 1052 907 1272" style="display: inline-block; border: 1px solid black; padding: 5px; text-align: center;">  <p>LEFT CLICK Click & hold rotate</p> </div> 

Step	Action	Illustration
<p>7.</p> <p>Here, are examples of different Manual Placements of the image on the page.</p> <ol style="list-style-type: none"> 1. Bottom Right Corner 2. Bottom Left Corner 3. Top Right Corner 4. Top Left Corner 5. Bottom Right Corner Title Block off of the page. <p>Note: the position of Offset will change with each placement of the image.</p>		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1.</p>  </div> <div style="text-align: center;"> <p>2.</p>  </div> <div style="text-align: center;"> <p>3.</p>  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>4.</p>  </div> <div style="text-align: center;"> <p>5.</p>  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>Position 2.</p>  </div> <div style="text-align: center;"> <p>Position 3.</p>  </div> </div>
<p>8.</p>	<p>Once the position is set select the Submit button to print the file.</p>	

9. Appendix 1 Features and functions

Features and Functions

	KIP Image Pro	Notes
KIP Image Pro Features		
Easy Deployment	√	Via Click Once for Auto Updates, or MSI installer for stand alone.
Image Processing at System K	√	Copy and Print data is processed at the System K controller, not the PC.
KIP Accounting Center integration	√	
KIP Cost Center integration	√	
Scan Features		
Mono Scan to file	√	
Color Scan to File	√	
Scan to single page	TIF, PDF, PDF A, JPEG, TIF, TIFF RLE	
Scan to multipage	TIF, PDF, PDF A	
Live Preview during Scan	√	
Area of Interest Scan	√	Select AOI after scan

Simple Scan Filters	√	
Auto and Manual Filename	√	
Advanced Scan Filters	√	
Adjust Scan/Copy Resolution	√	
Adaptive Black Point	√	
Choose Black Point with dropper	√	
Adaptive White Point	√	
Choose White Point with dropper	√	
Scan-to-File Account Log	√	Log stored on PC
Stamp during Scan	√	
Preview	√	
Prescan	√	
Deskew	√	
Scan to System K Mailbox	X	
Copy Features		
Mono copy to KIP Mono systems	√	
Color copy to KIP Color systems	√	
Live Preview during Copy	√	
Area of Interest Copy	√	Select AOI after scan and before Print

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Simple Copy Filter	√	
Concurrent Copy/Print	√	
Advanced Copy Filter	√	
Adjust Scan/Copy Resolution	√	
Adaptive Black Point	√	
Choose Black Point with dropper	√	
Adaptive White Point	√	
Choose White Point with dropper	√	
Black Enhancement and Clip	√	
Background Removal and Clip	√	
Copy Account Log	√	Copies are stored in Printers accounting log
Stamp during Copy	√	
Preview	√	
Prescan	√	
Deskew	√	
Print Features		
Same features as KIP Print Pro	√	This is Print Pro + AOI, Color Management, Paneling, Nesting.
Print from System K Mailbox	√	

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Unlimited Workstations (Print)	√	Print functions available from any PC connected to System K with Keycode.
Area of Interest Print	√	Select AOI after scan and before Print
Print TIF, JPG, PDF, etc	√	All supported formats
Spot Color Replacement Filter	√	
Paneling	√	By width only
Nesting/Step and Repeat	√	Of multiple copies, and multiple files.

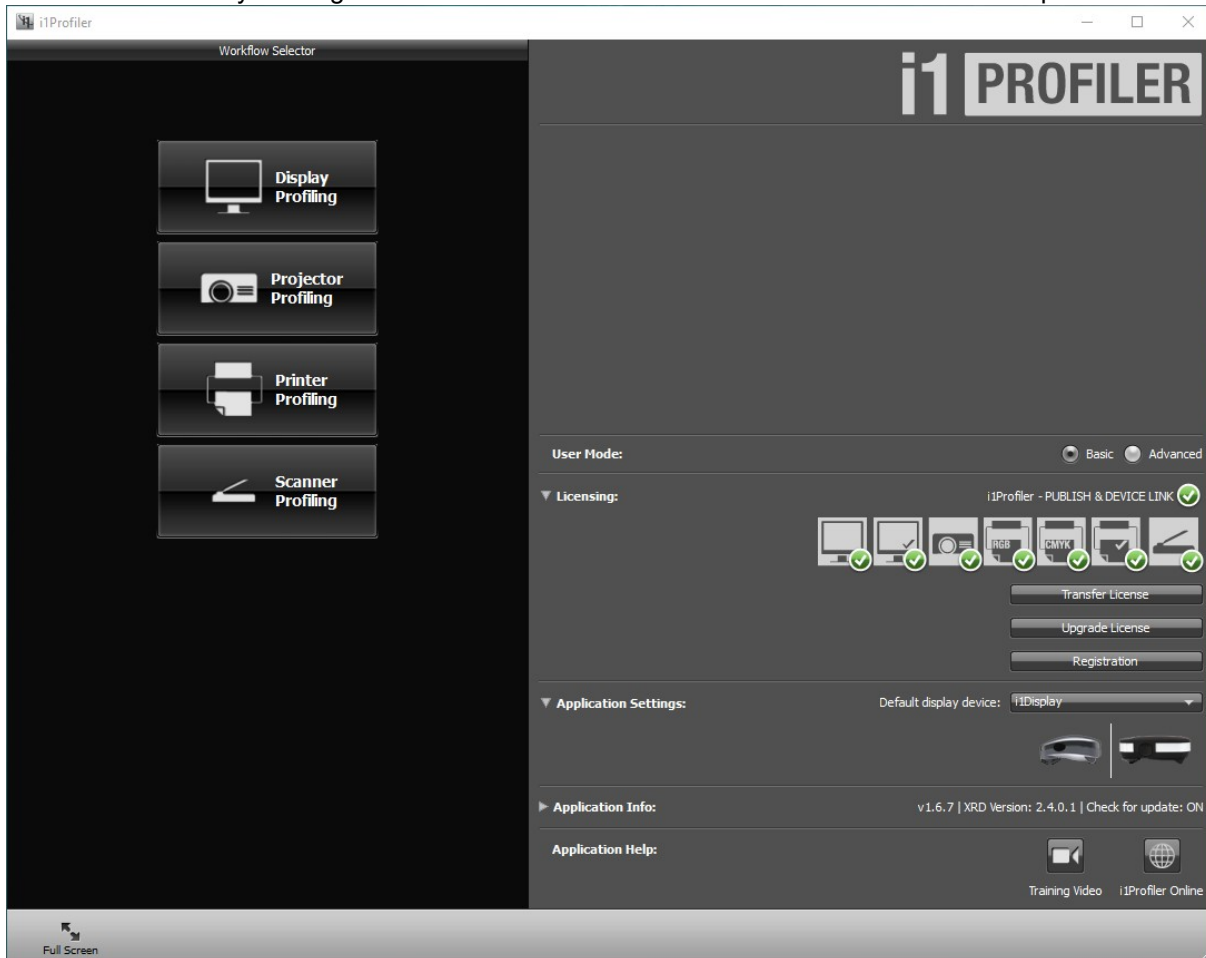
10. [Appendix 2 How to get the print data for calibration of the System K Profiling Wizard](#)

Pre-requisites

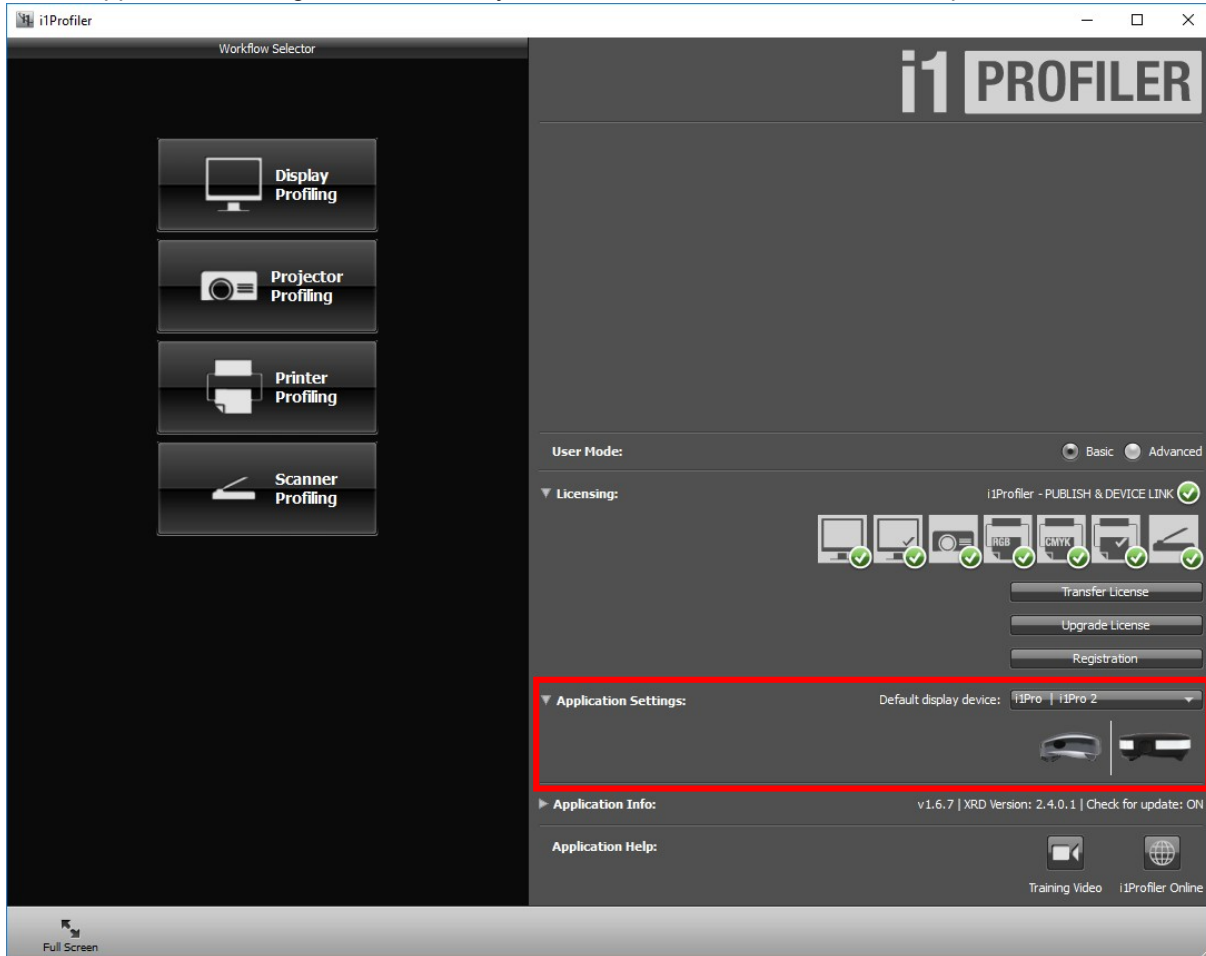
The user needs to have profiling software installed and licensed. This document describes the necessary steps using the software “i1Profiler”.

Creation of the .tif file

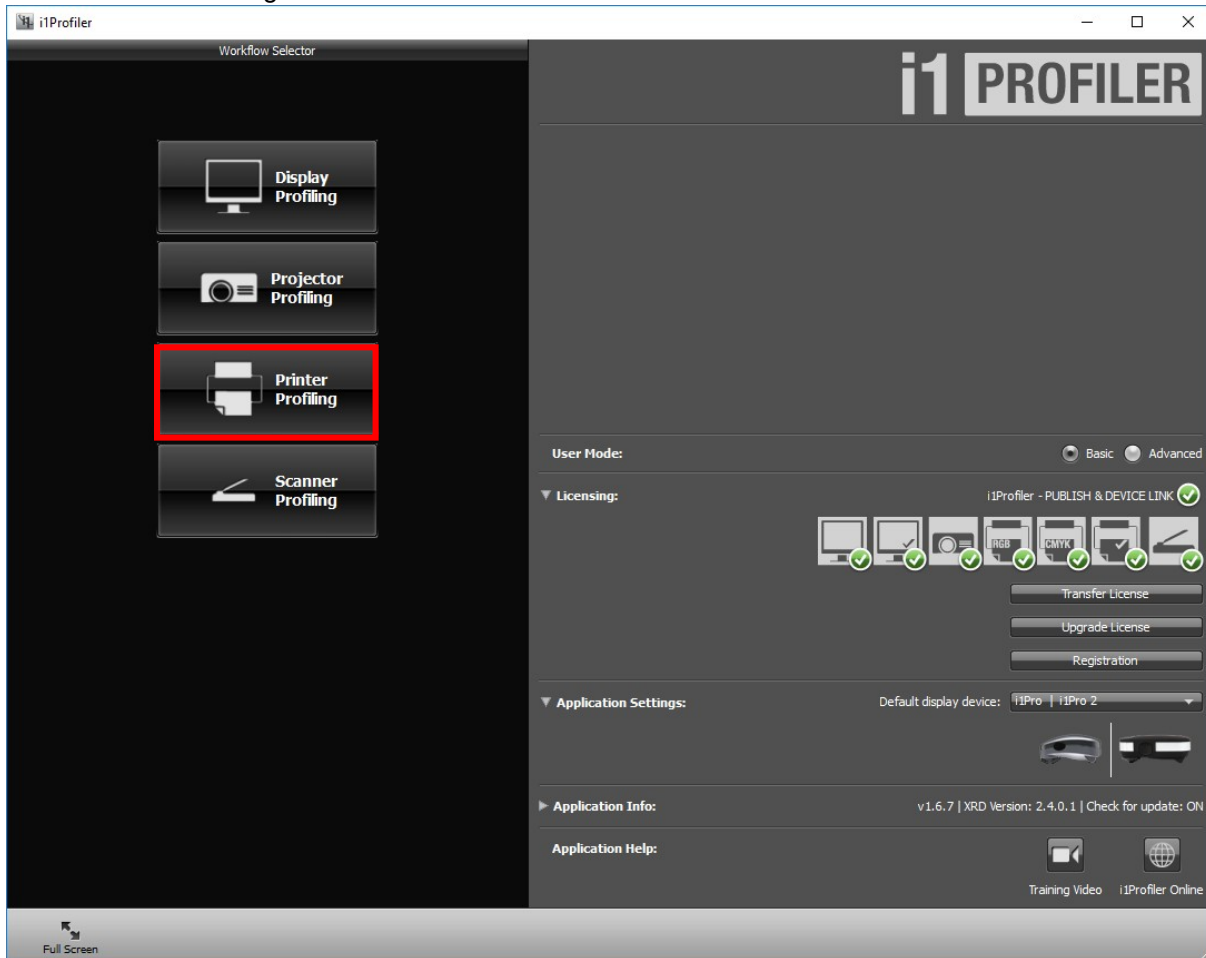
1. Start the software by clicking the short cut or the item in the start menu. The UI should open and look like this.



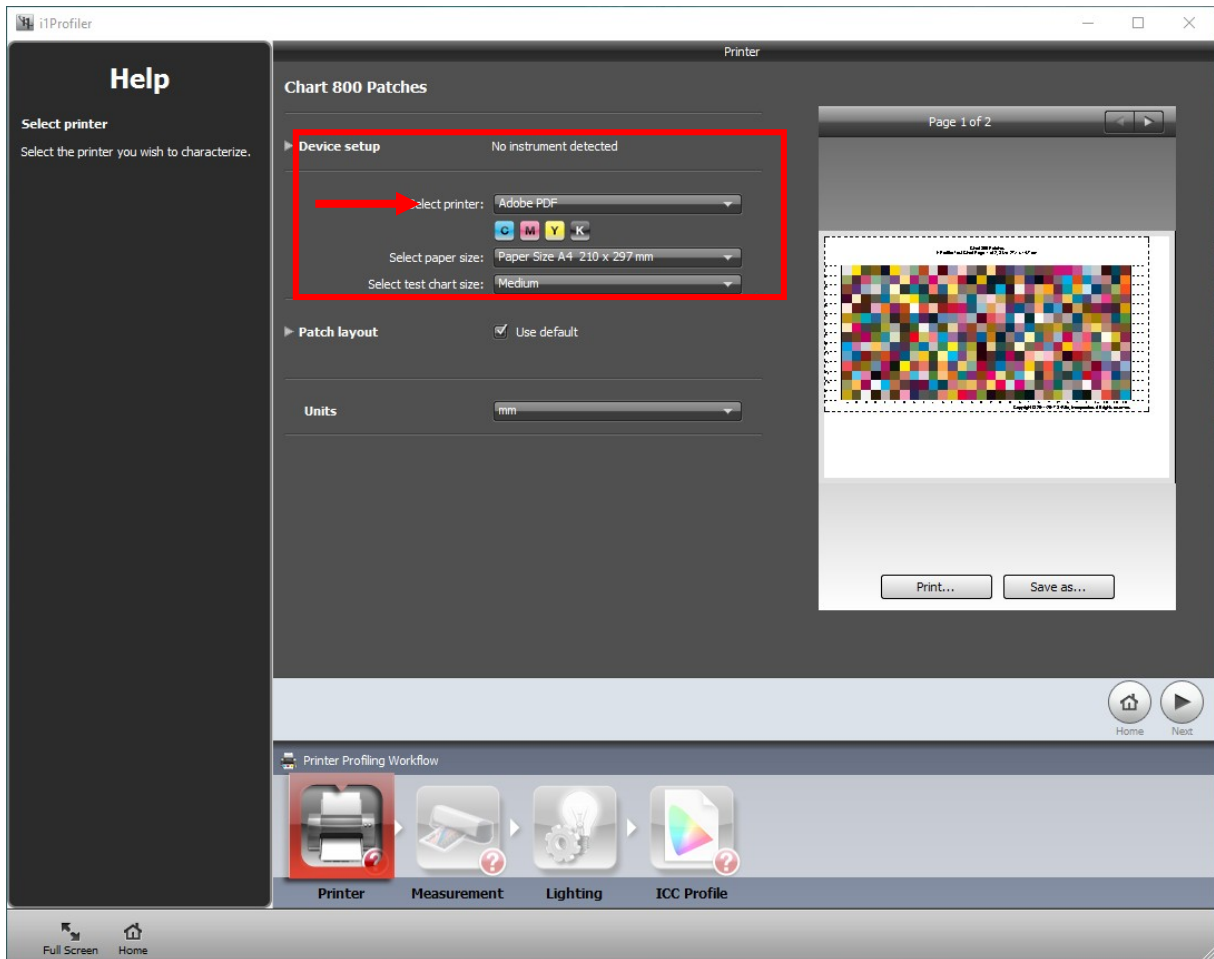
2. Under Application Settings - Ensure that “your” device is selected. For this example a i1Pro|i1Pro2 is selected



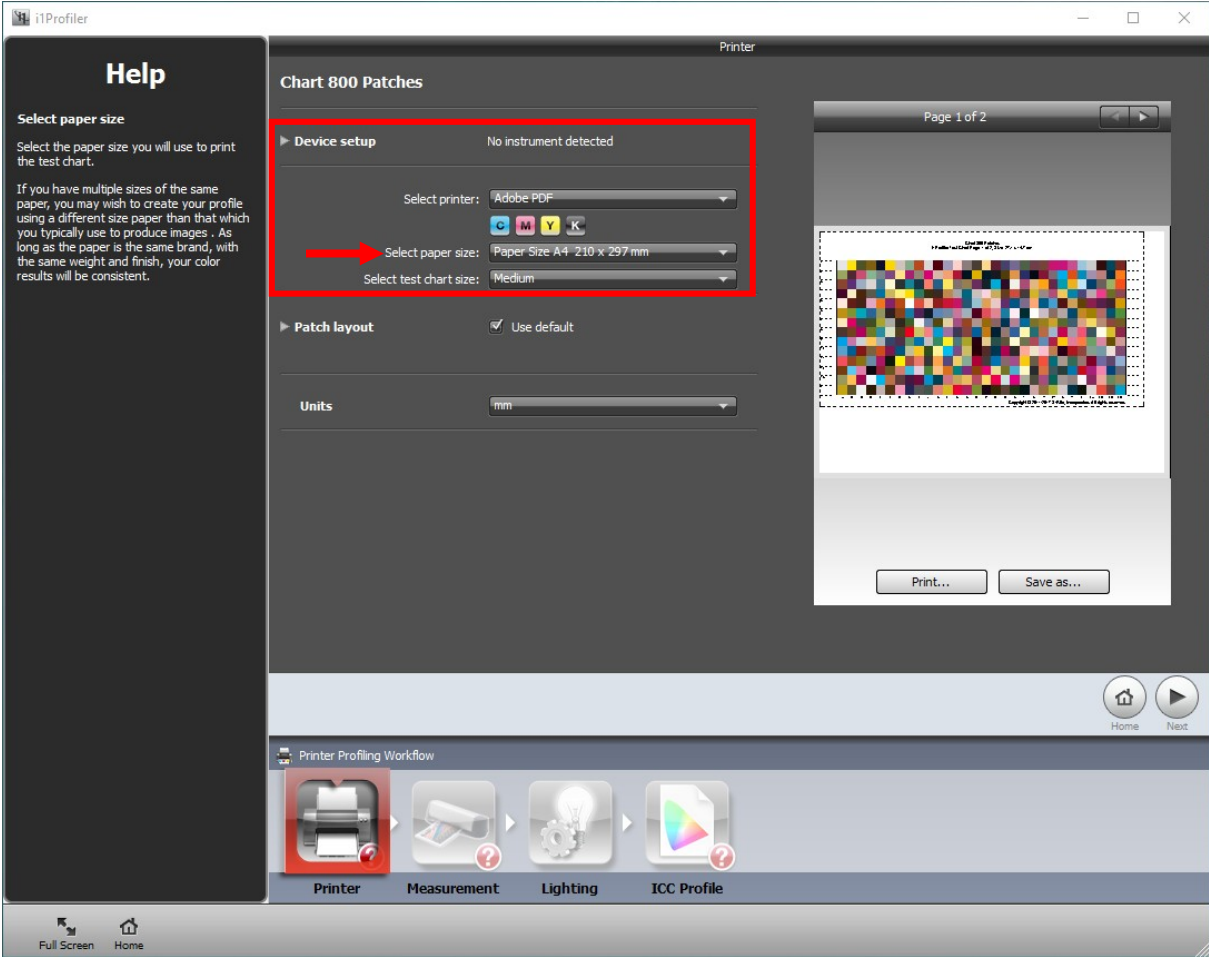
3. Select "Printer Profiling".



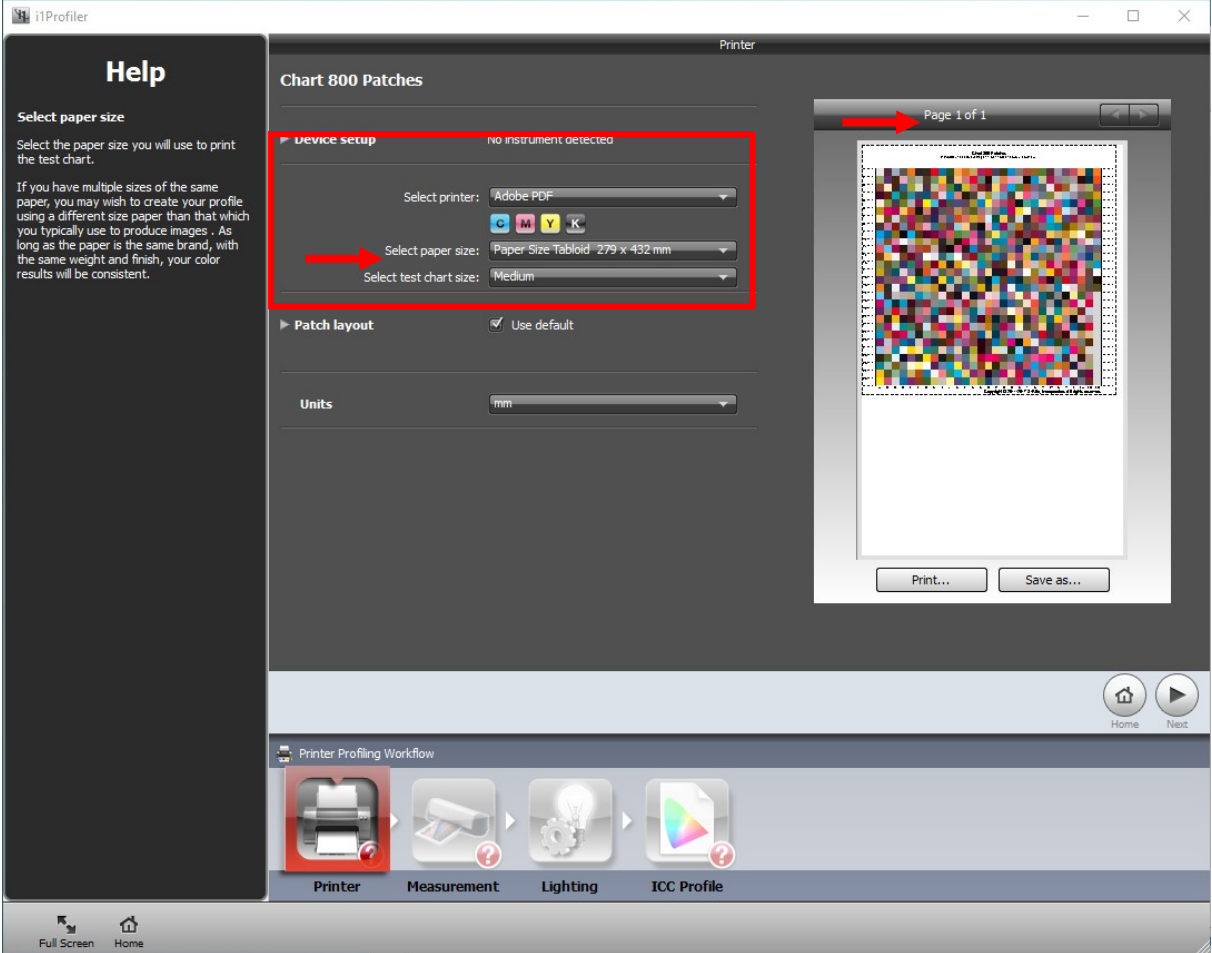
4. Under Device Setup it will be necessary to select a printer.
 - a. "Select printer" it is necessary to select a CMYK based printer, this is indicated by the colored items under the printer selection. Here we are selecting the Adobe PDF option to achieve this.



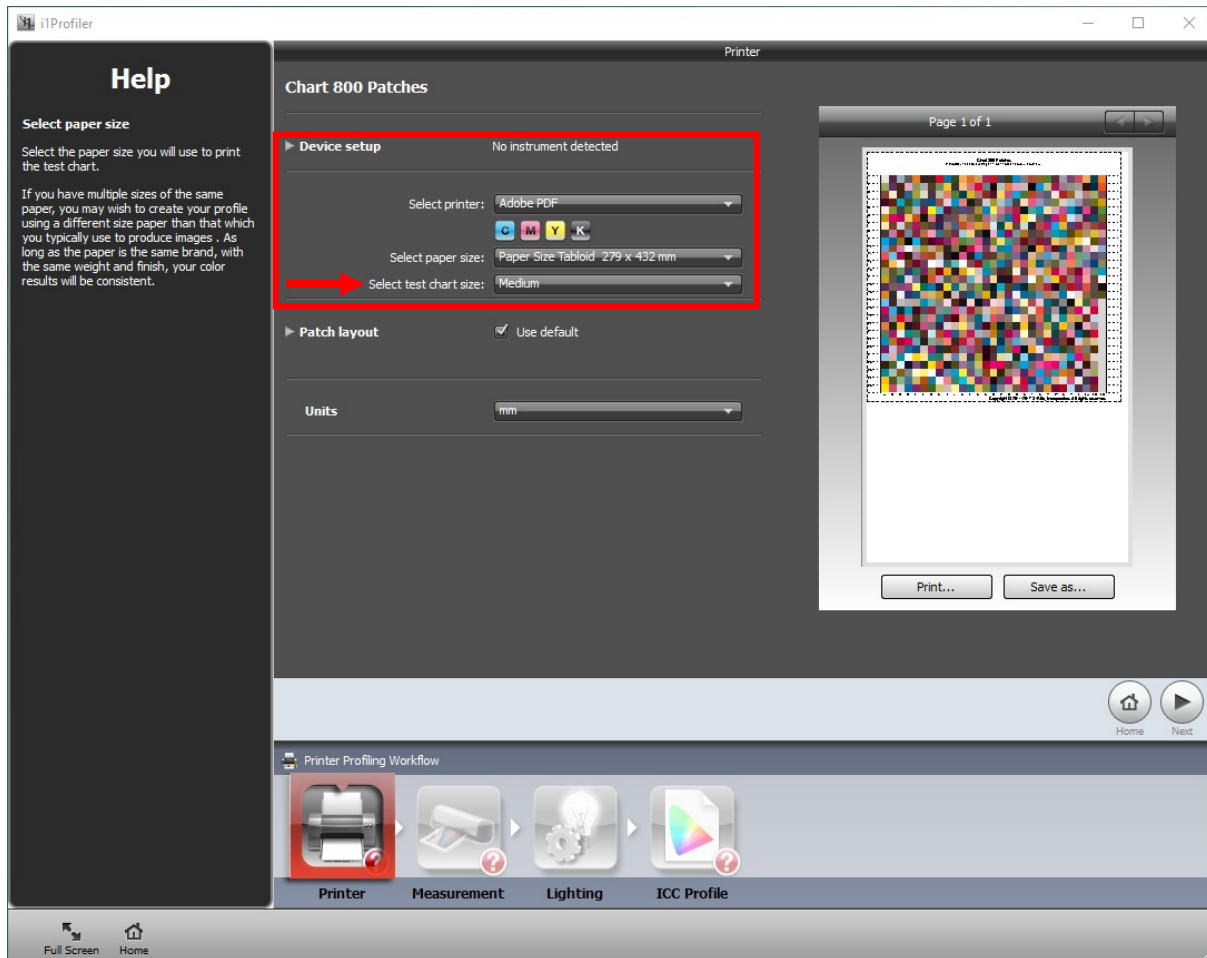
b. "Select paper size"



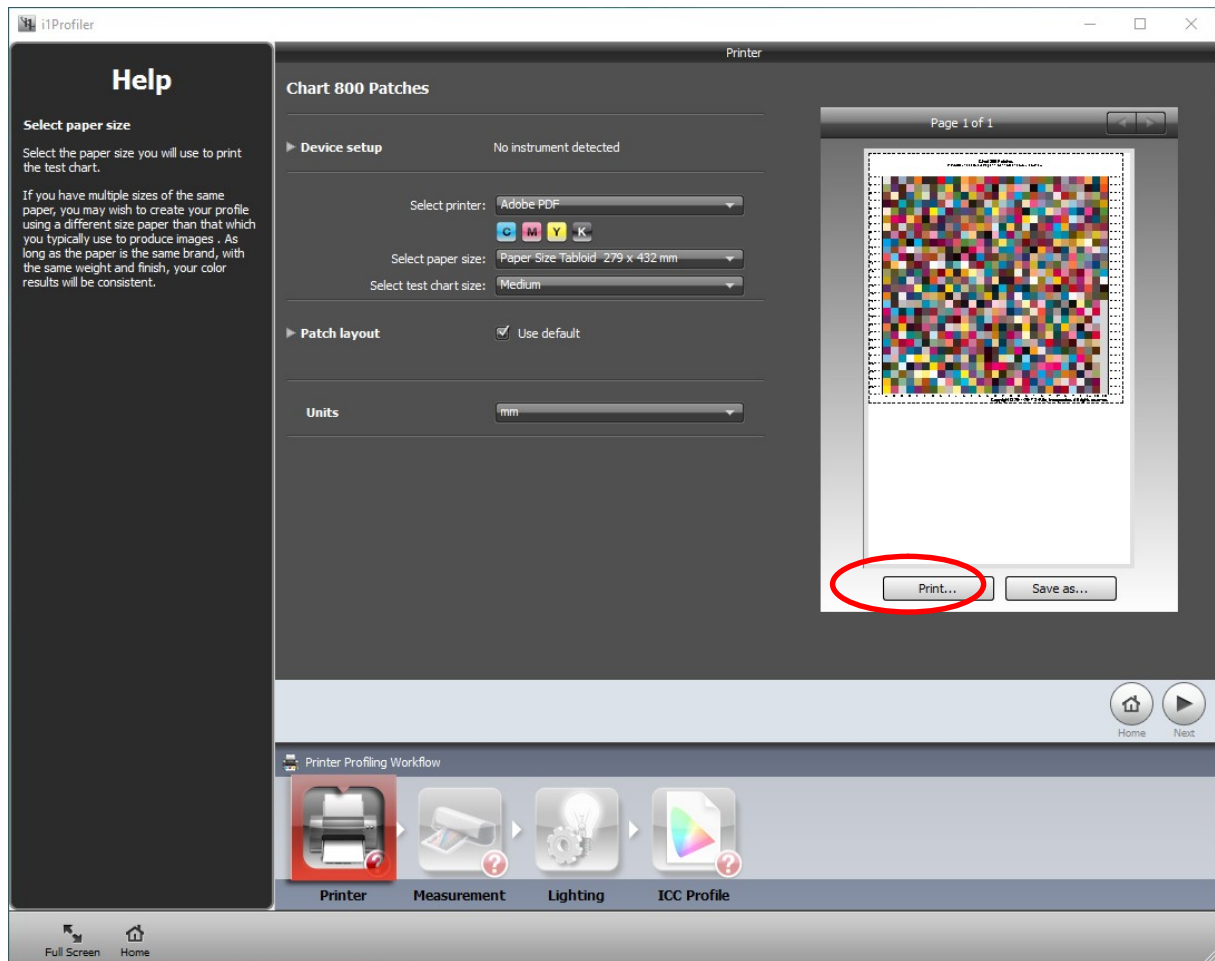
It is recommended to use the "Paper Size A3" or "Paper Size Tabloid", this will build the profile on one sheet as opposed to splitting it up on two sheets.



- c. "Select test chart size" Do not change the size of the test chart. Leave this setting at Medium.



d. "Save as"



Click "Save as" to save the target, Once the "Save As" window opens select format "TIFF Files (*.tif)" as file type. Save this to an easily accessible location. This file can be loaded into SystemK for the calibration process, please refer to Appendix 3, which describes this process for further information.

Note: Please select a path which could be easily accessed by the SystemK software to improve the workflow. We would recommend to use file names which make it easy to know for which device this file is. For example "X-rite-i1Pro-A3.tif"

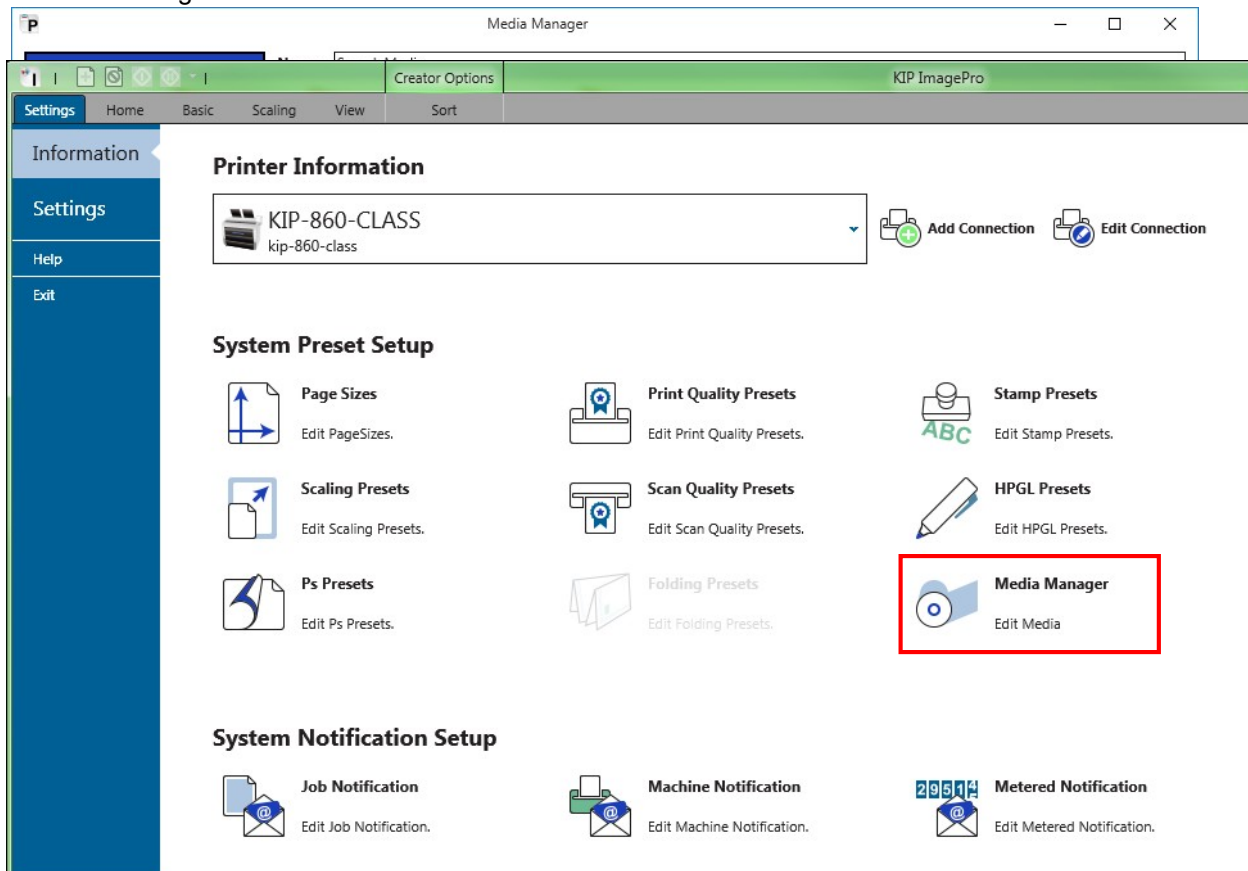
11. Appendix 3 How to use the System K v1.6 Profiling Wizard

Pre-requisites

In order to achieve the best quality, please ensure that the printer is in good condition. The software used for creating an ICC profile should be installed and ready to use. If you want to create a single profile or multiple profiles, the steps are the same.

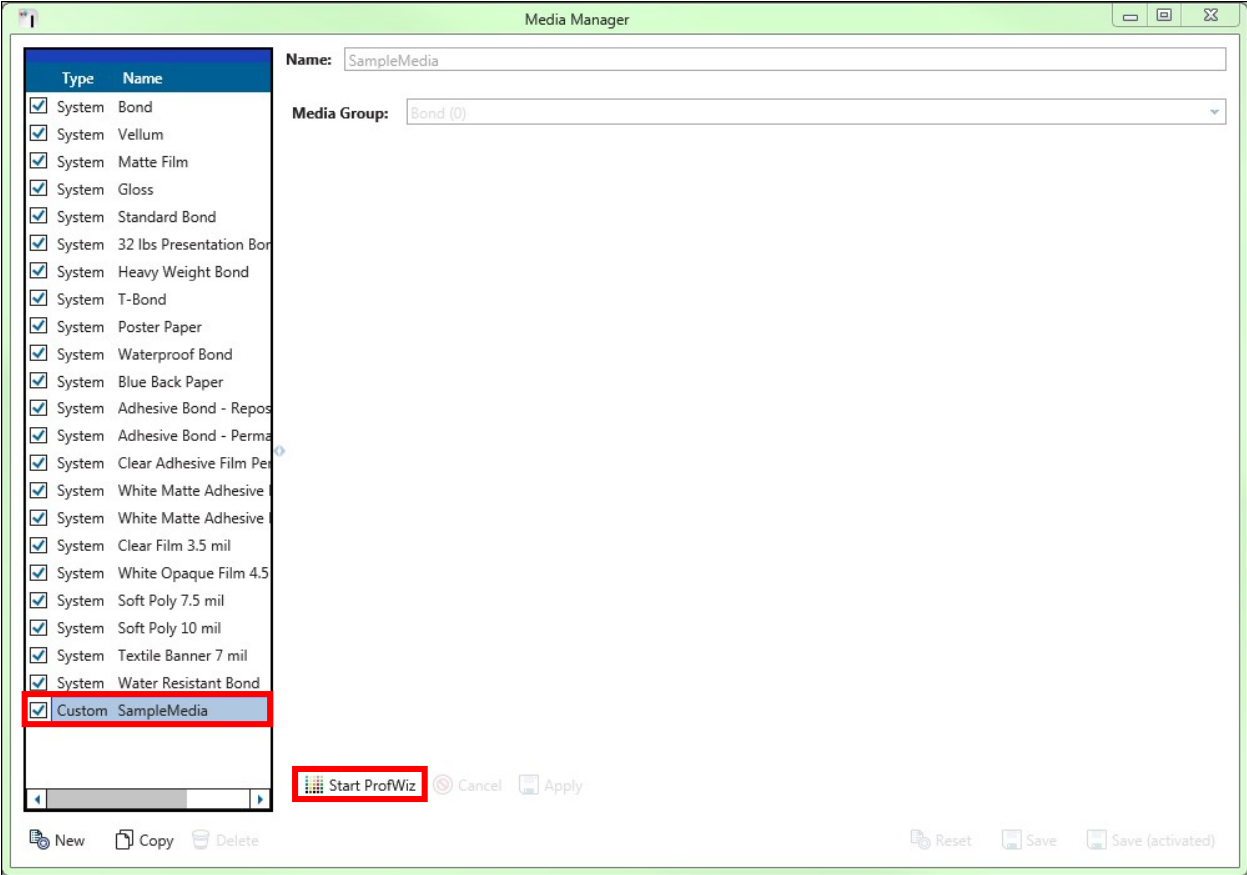
How to update a media creating a new profile.

1. Open the “Media Manager” in ImagePro.
2. Select the media you would like to change. Or Create a new Media and Save (activated) and then select this media to change.

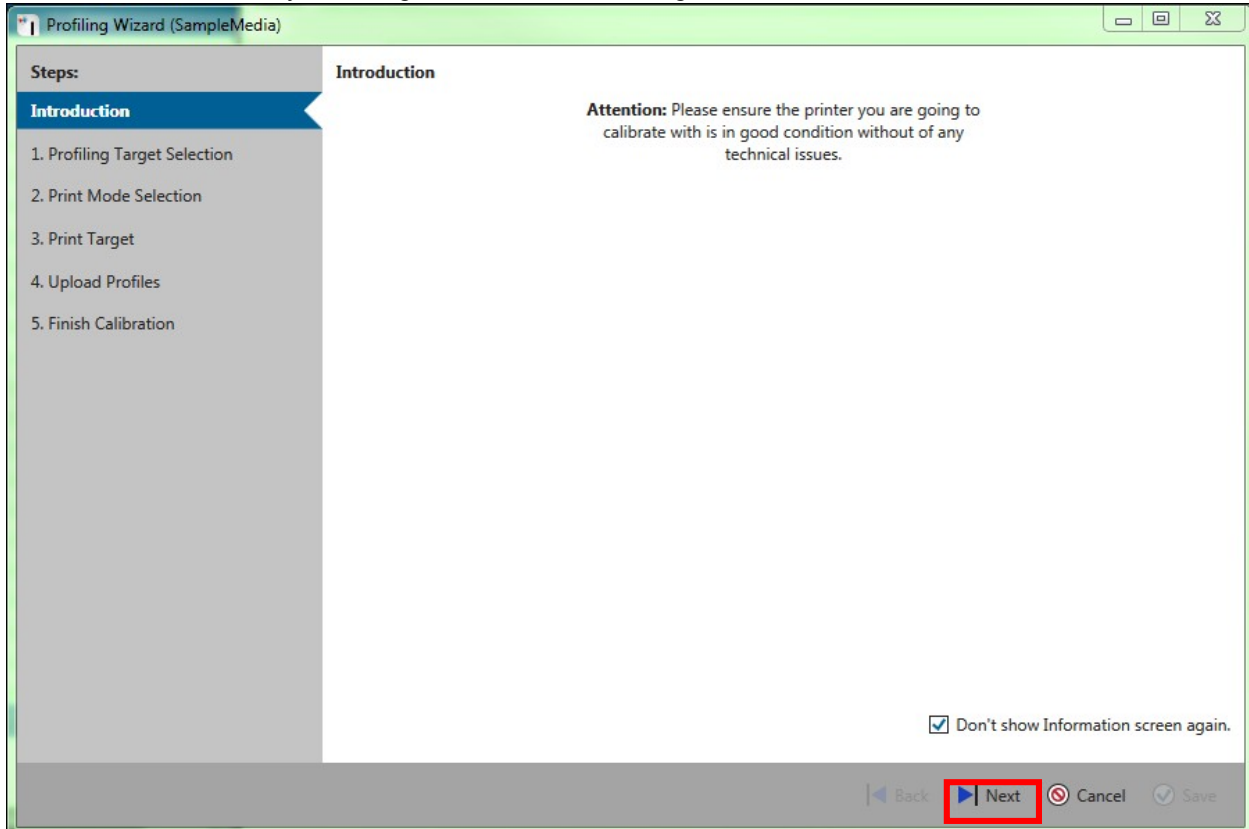


Please be sure that the media is active, otherwise the “Start ProfWiz” button is disabled

3. Press the button "Start ProfWiz".

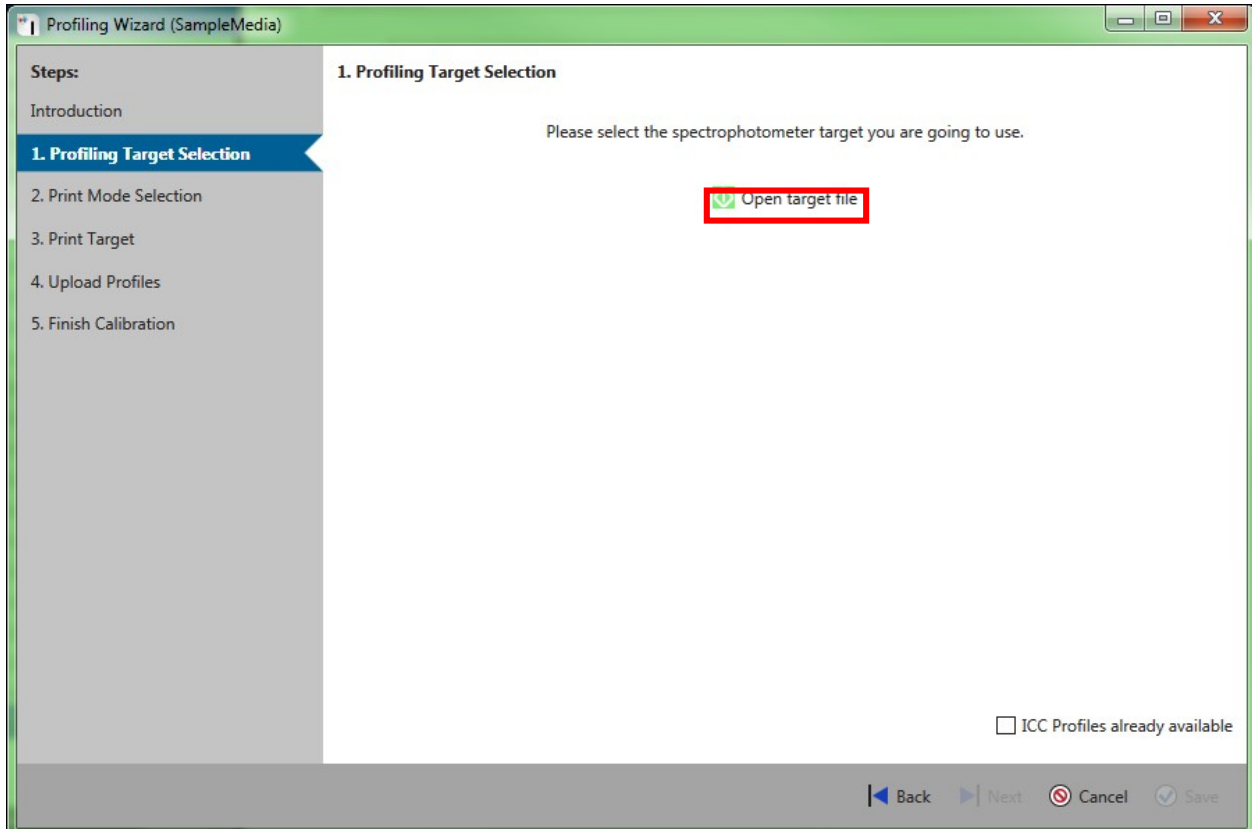


- In the upcoming dialog, you get a reminder that the machine should be in a good condition. You could disable this by checking the box in the lower right area.



- Press "Next"

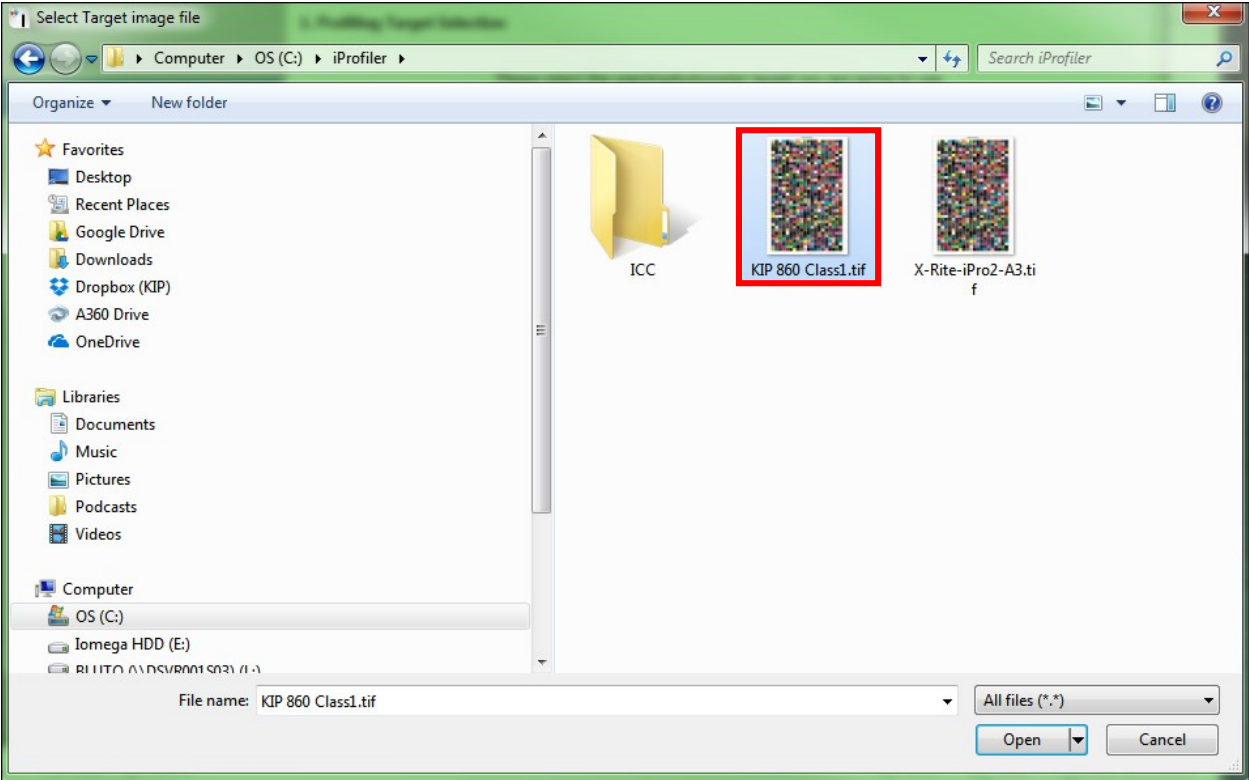
- Now select the target file which you would like to print. By using the “*Open target file*” button. This would be the file created in the above steps of Appendix 2.



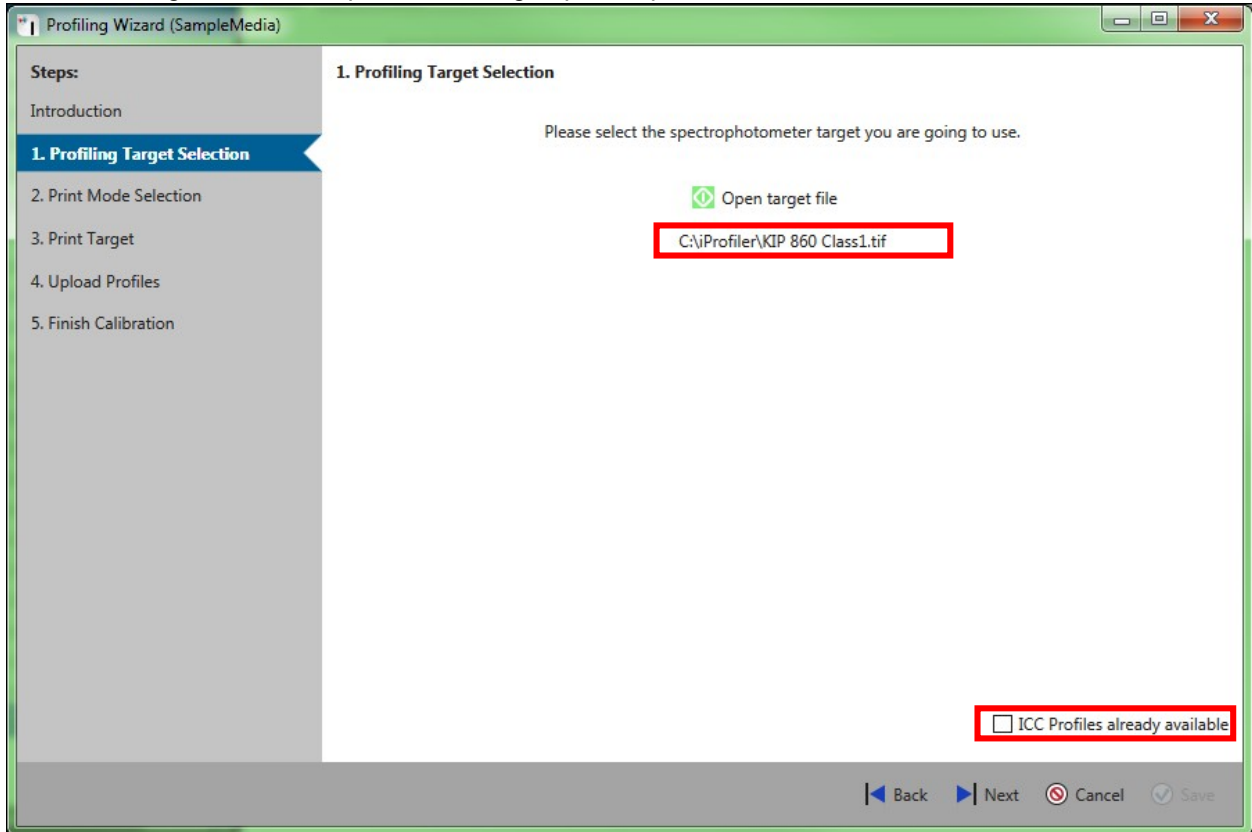
This target file can be taken from your profiling application. Typically, it is a TIFF file. If the target is split into multiple files, please select all.

Please note that the files typically are specific to your measurement device. If you are uncertain which file to use, please refer to your profiling application manual.

7. Select the file(s) in the explorer window.

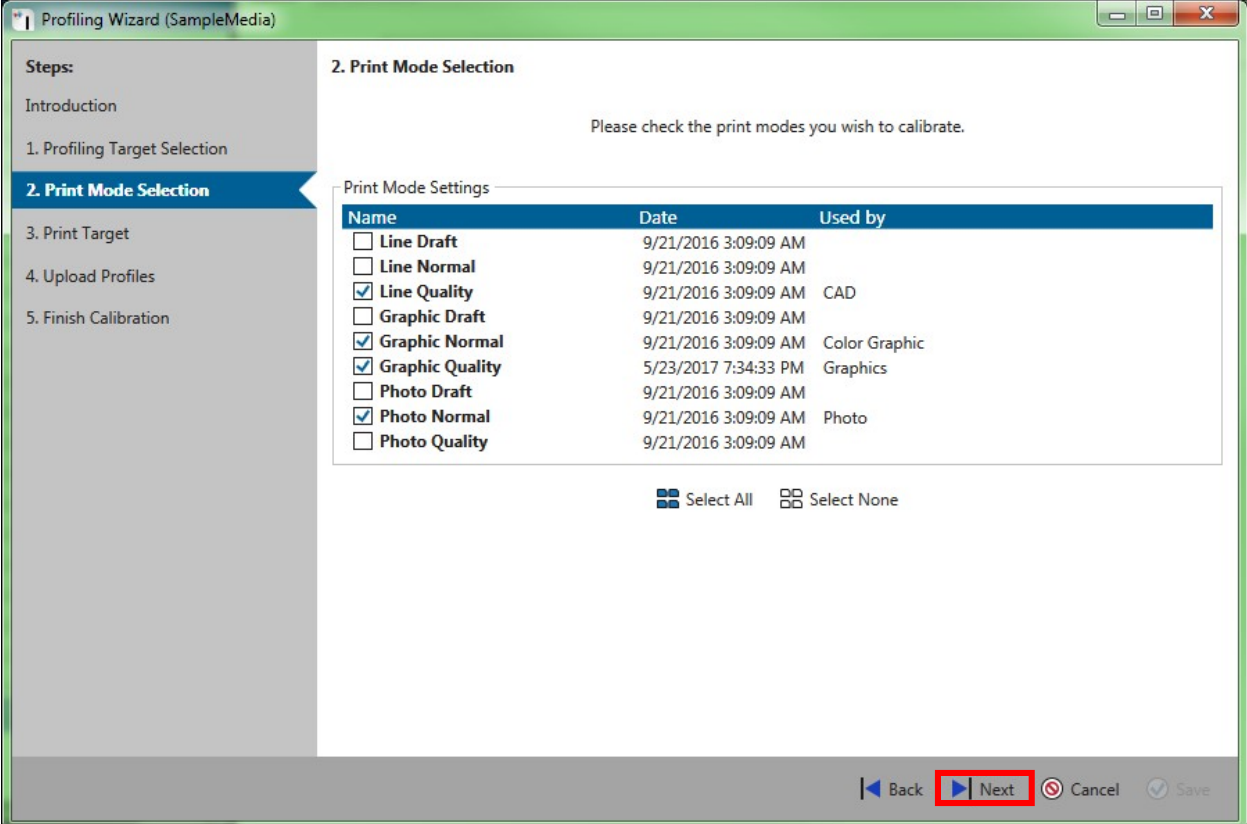


8. Now the dialog will show the path of the target, please proceed with “Next”.

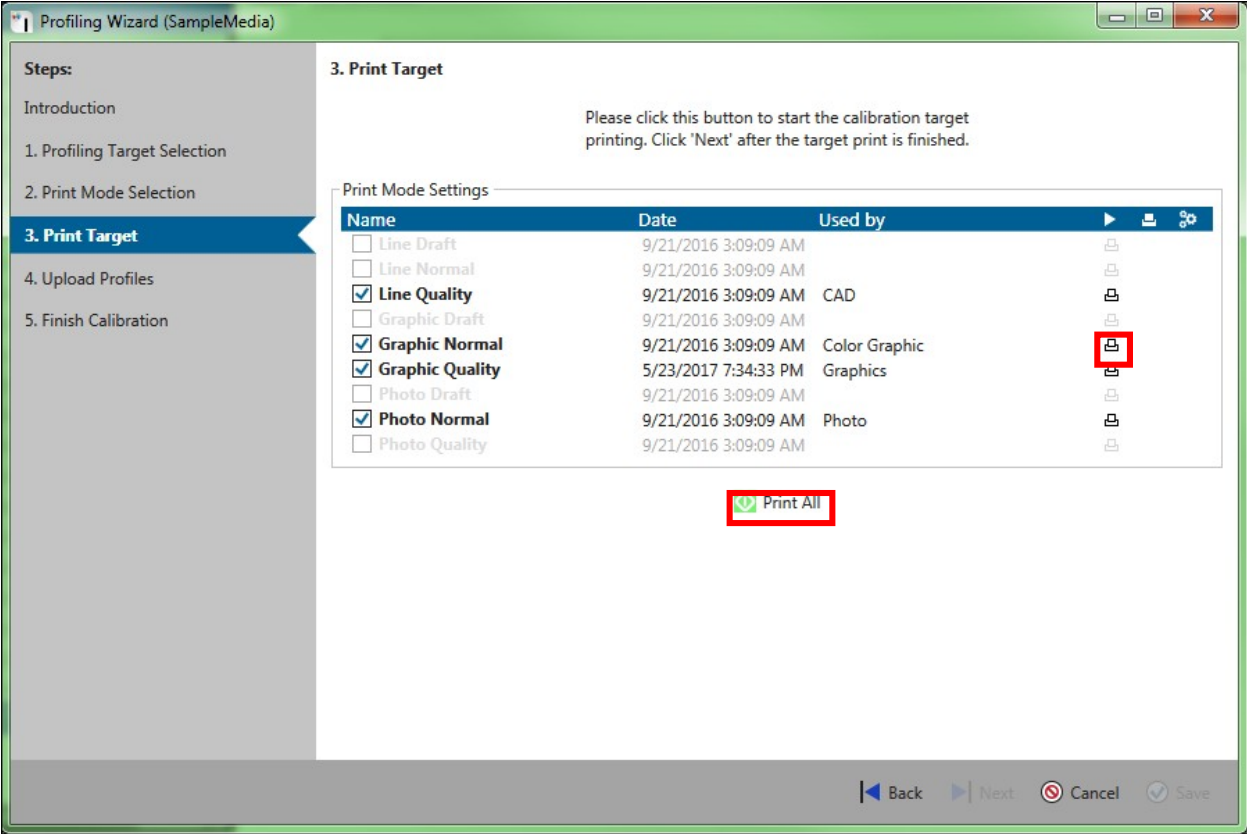


Please do not check the “ICC Profiles already available” checkbox. This mode should only be used if you already have ICC profiles calculated (e.g. from a previous profiling run or a different machine), which you now want to use for the current media, too. For details please refer to “ Appendix 4 How to update the profile using an existing ICC profile.

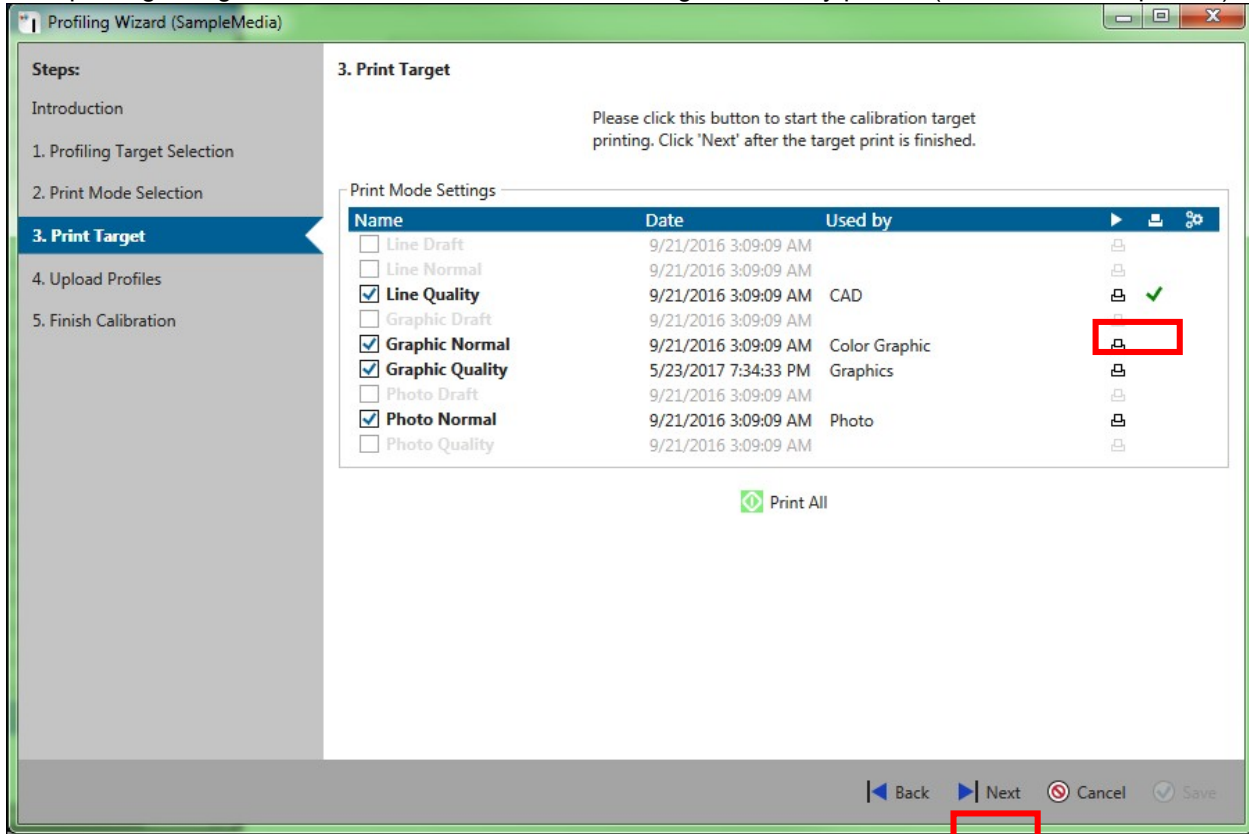
- 9. Select the desired Print modes you would like to change and proceed with next. The date shows when the selected profile was created. "Used by" lists all Print Quality Presets, which use this print mode. Click "Next".



10. Now print the target you have selected. You could print them one by one using the printer icon behind each entry, or you could click on "Print All".



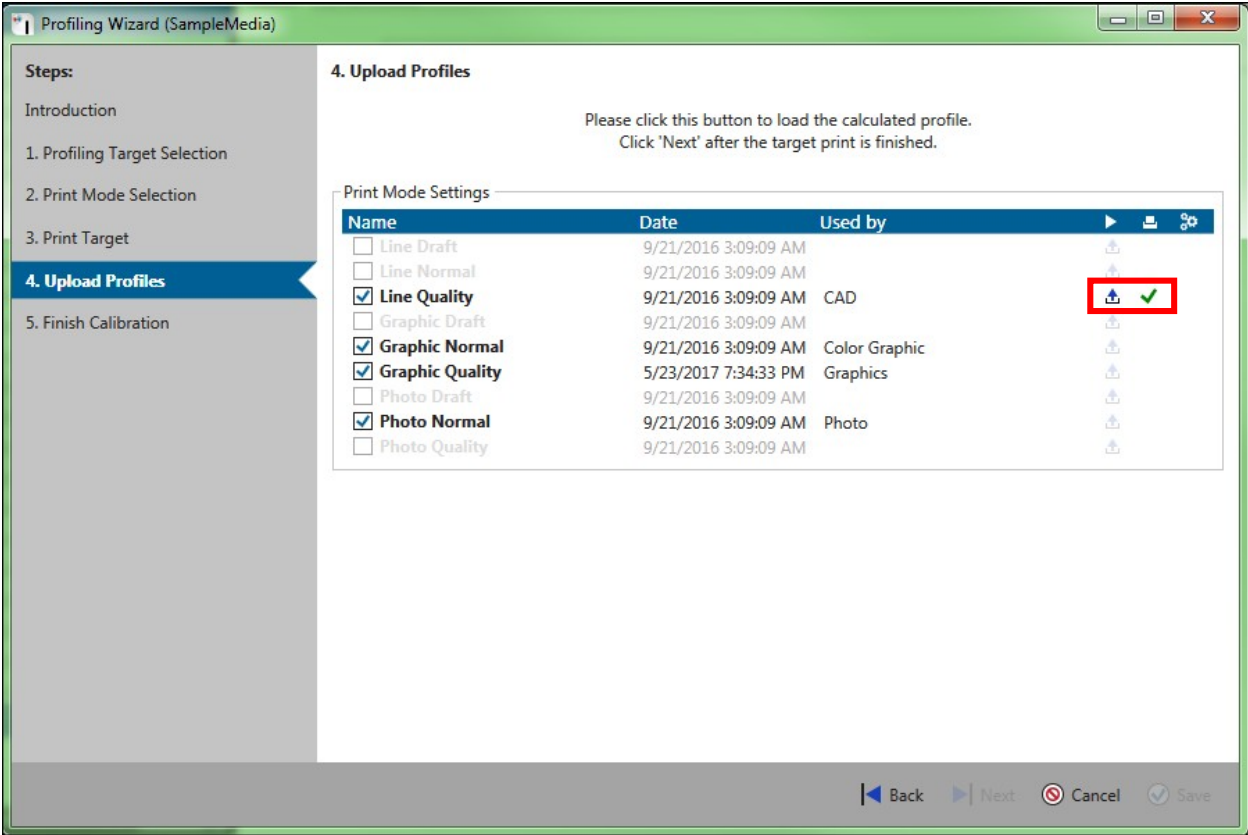
11. After printing a target, a checkmark will indicate which target is already printed (submitted to the printer.).



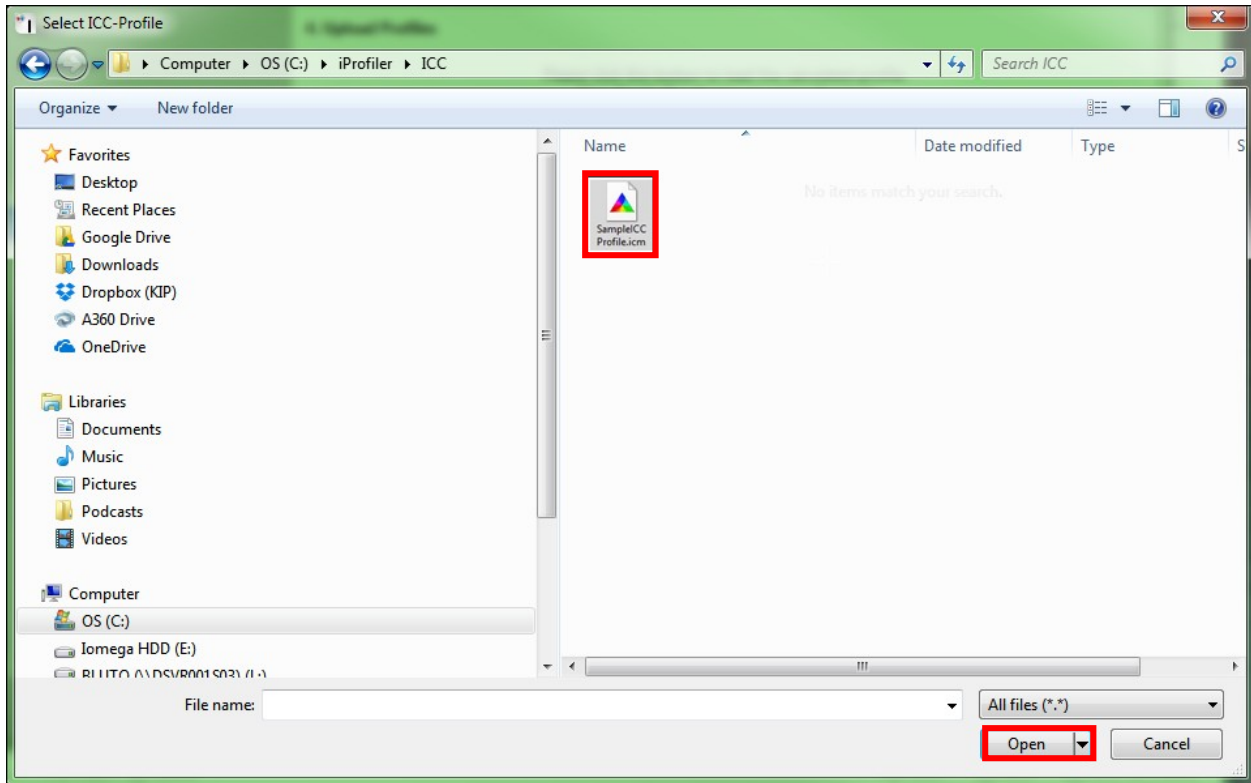
Please click “Next” to proceed.

12. Once all targets have been printed, please use your profiling application to create the ICC profiles. Please assure to give the profile proper names, which correspond to the print modes names (as selected in step 2).

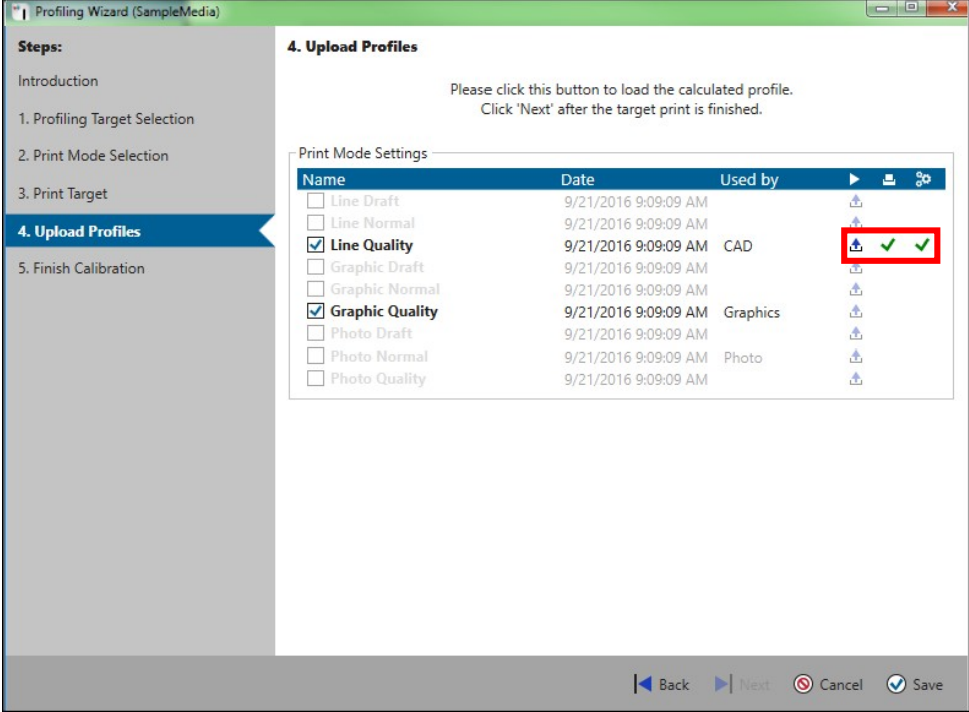
13. If the profiles have been successfully created, you could upload the ICC profiles by using the upload icon.



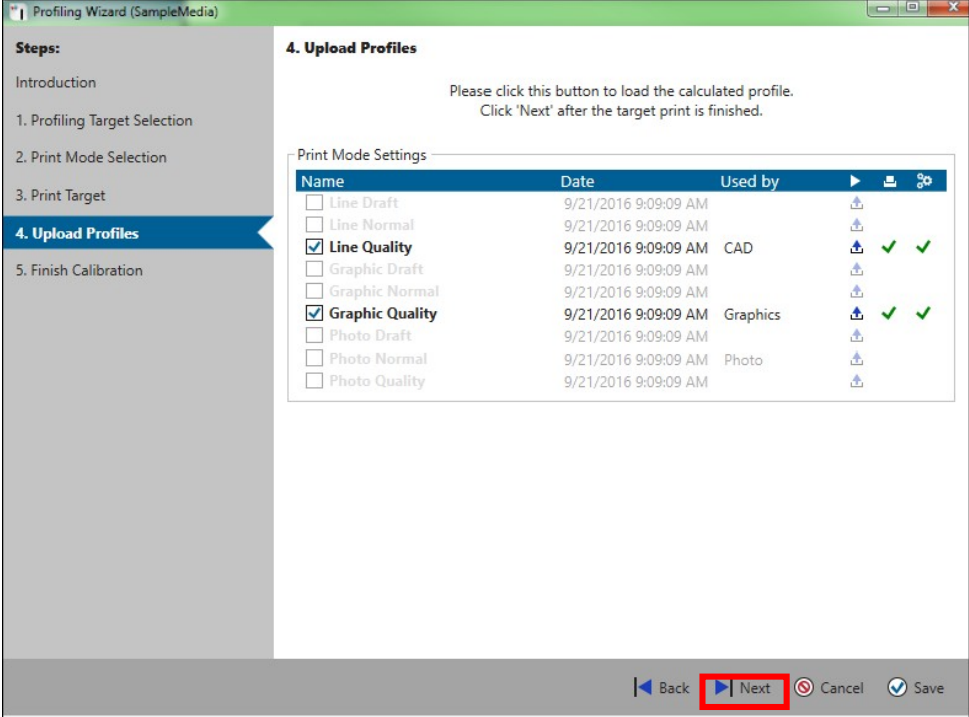
14. Please the select the desired ICC Profile.



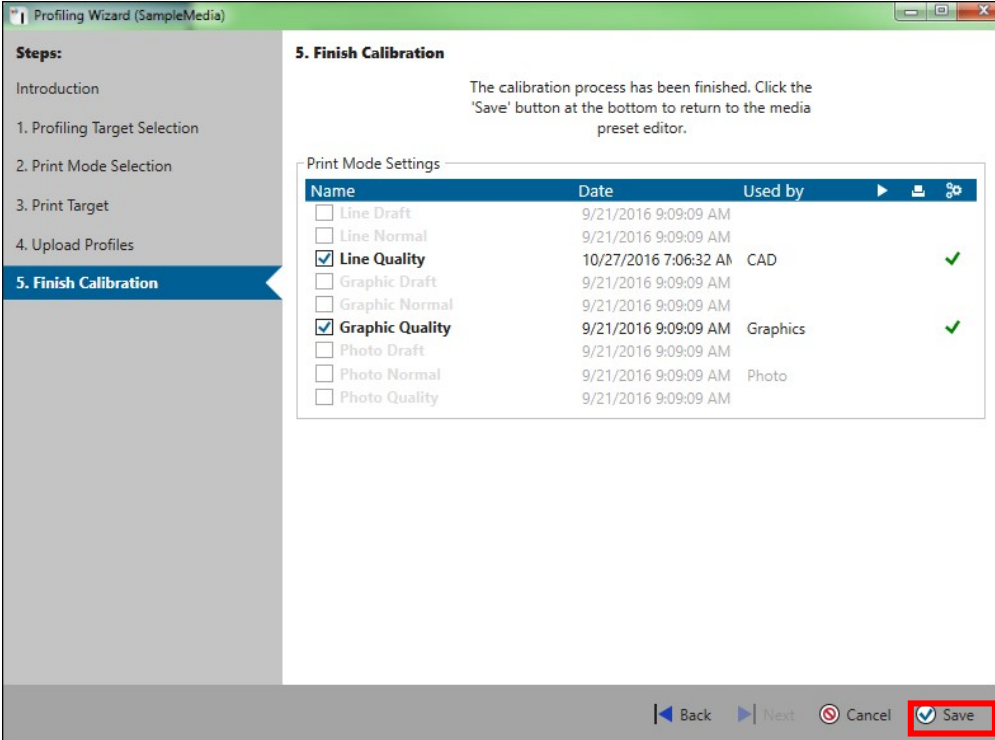
15. After the successfully upload of the file, a green check mark will be shown.



16. When all selected items show a green checkmark, the "Next" button will be enabled.

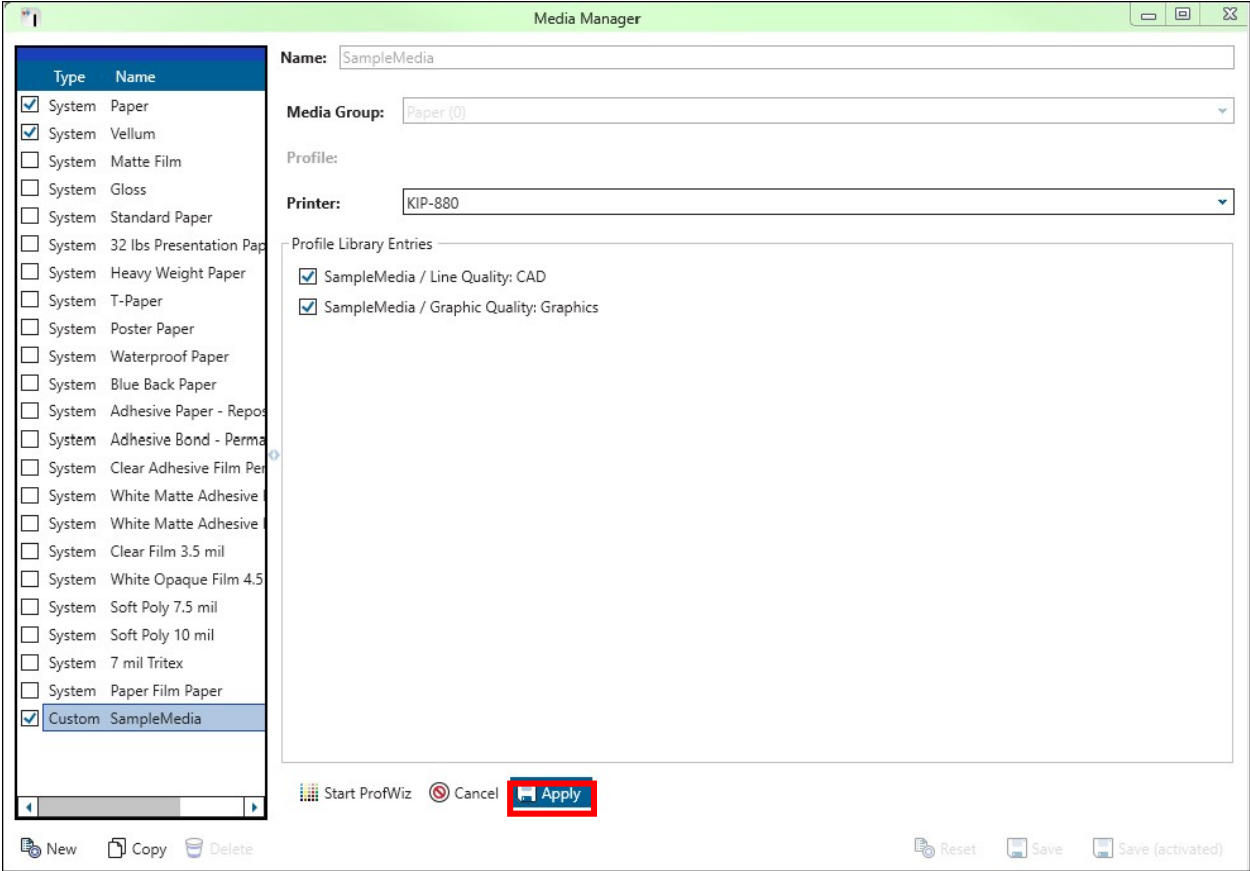


17. Please Click "Save" in the dialog.

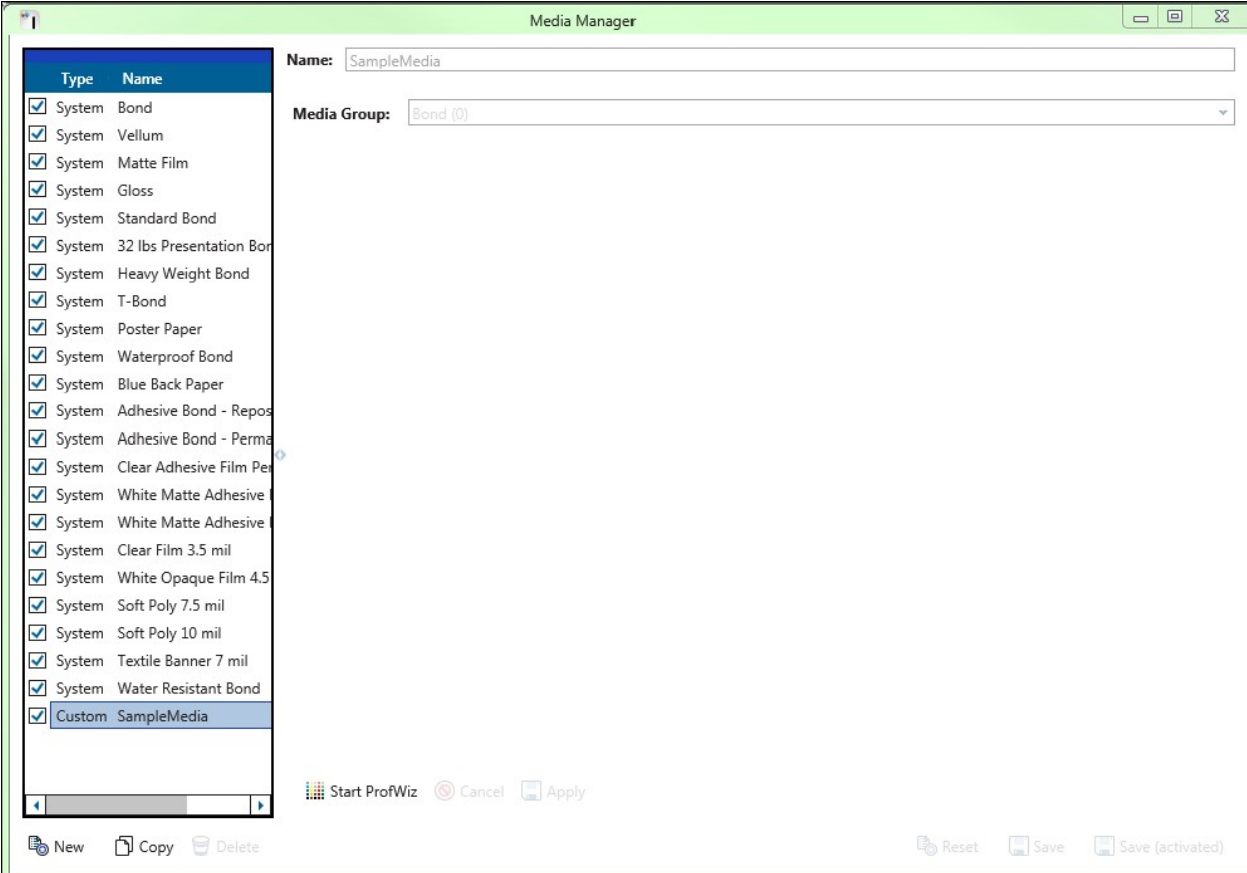


18. Once the wizard has been closed, the following screen will show the changed calibration.

Please note: It is mandatory to click “Apply” if you want to use the updated media. If not applying these settings, the media will not be updated!

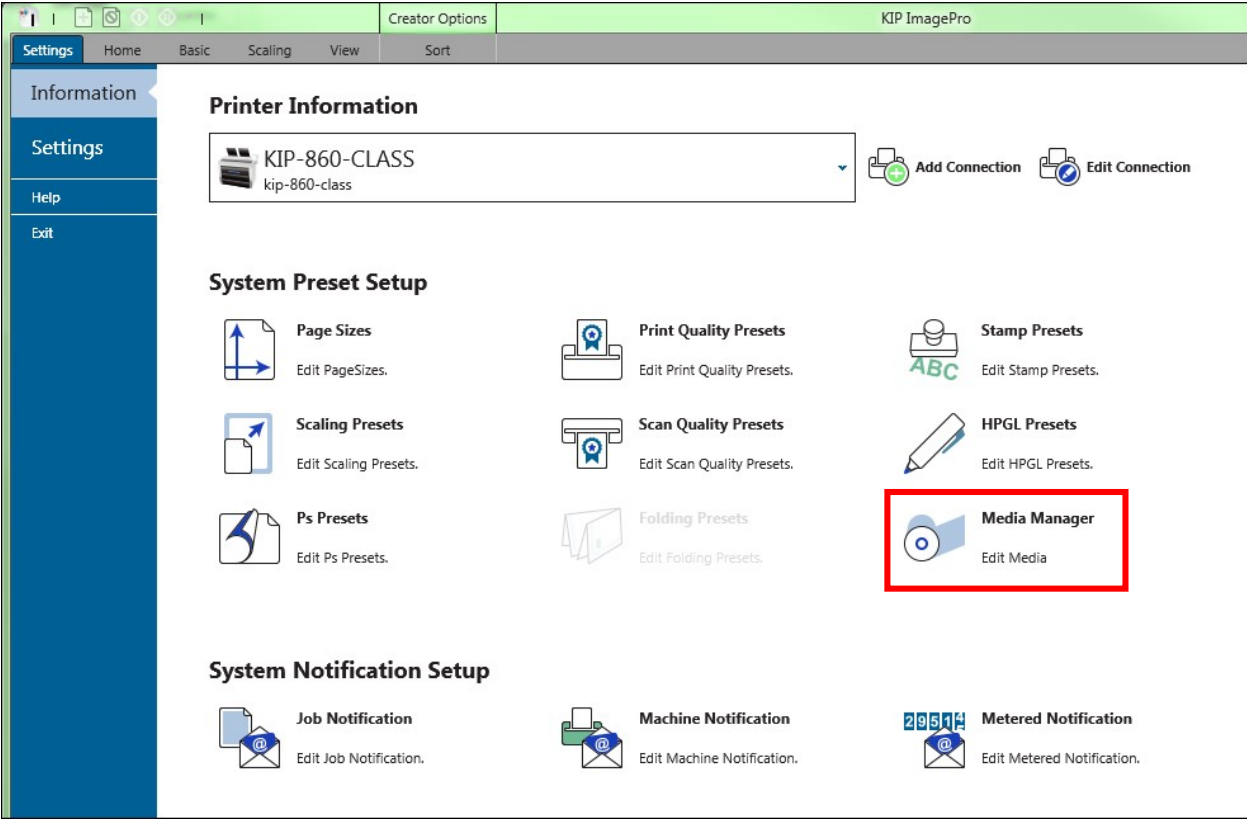


19. This is how the dialog will look like, after the transfer of the profile.

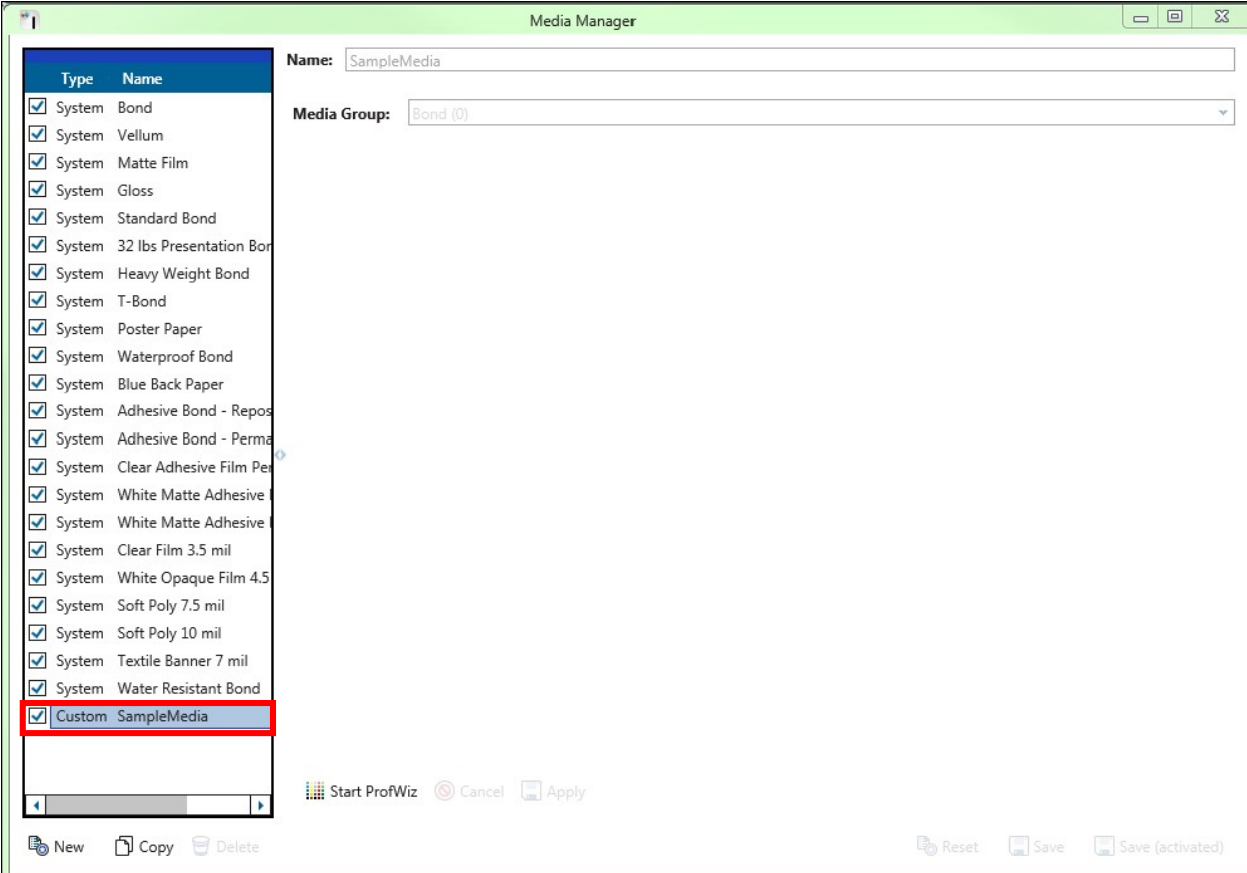


12. Appendix 4 How to update the profile using an existing ICC profile.

1. Open the “Media Manager” in ImagePro.

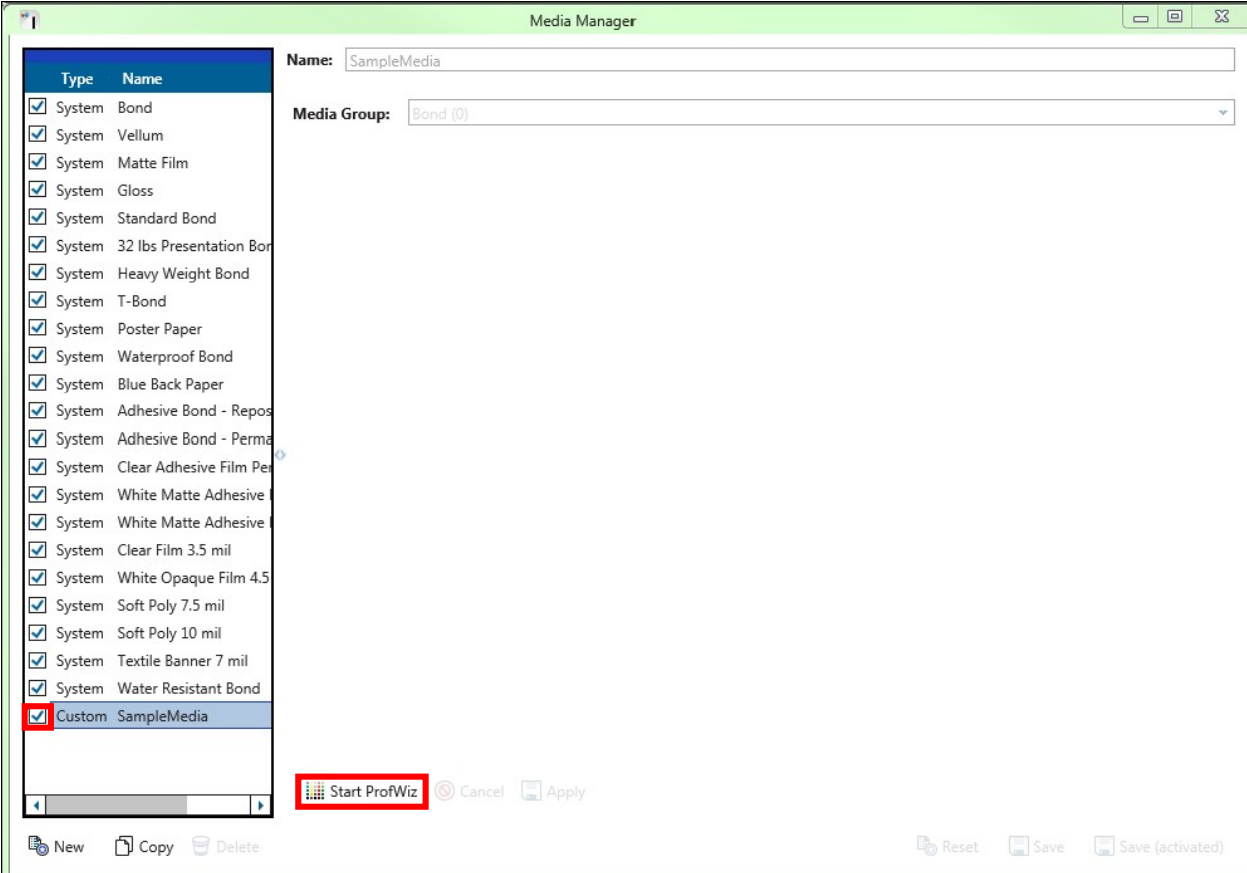


2. Select the media you would like to change.

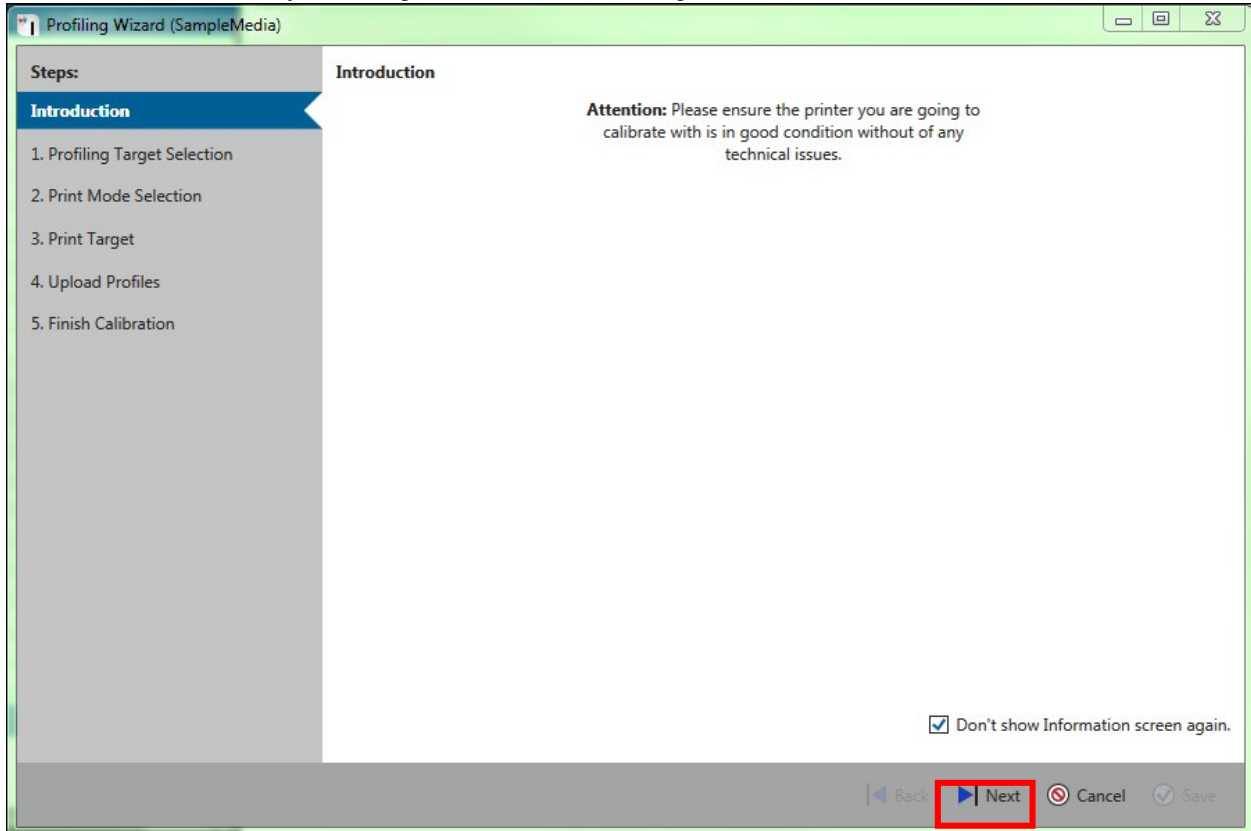


Please be sure that the media is active, otherwise the "Start ProfWiz" button is disabled

3. Press the button “Start ProfWiz”.

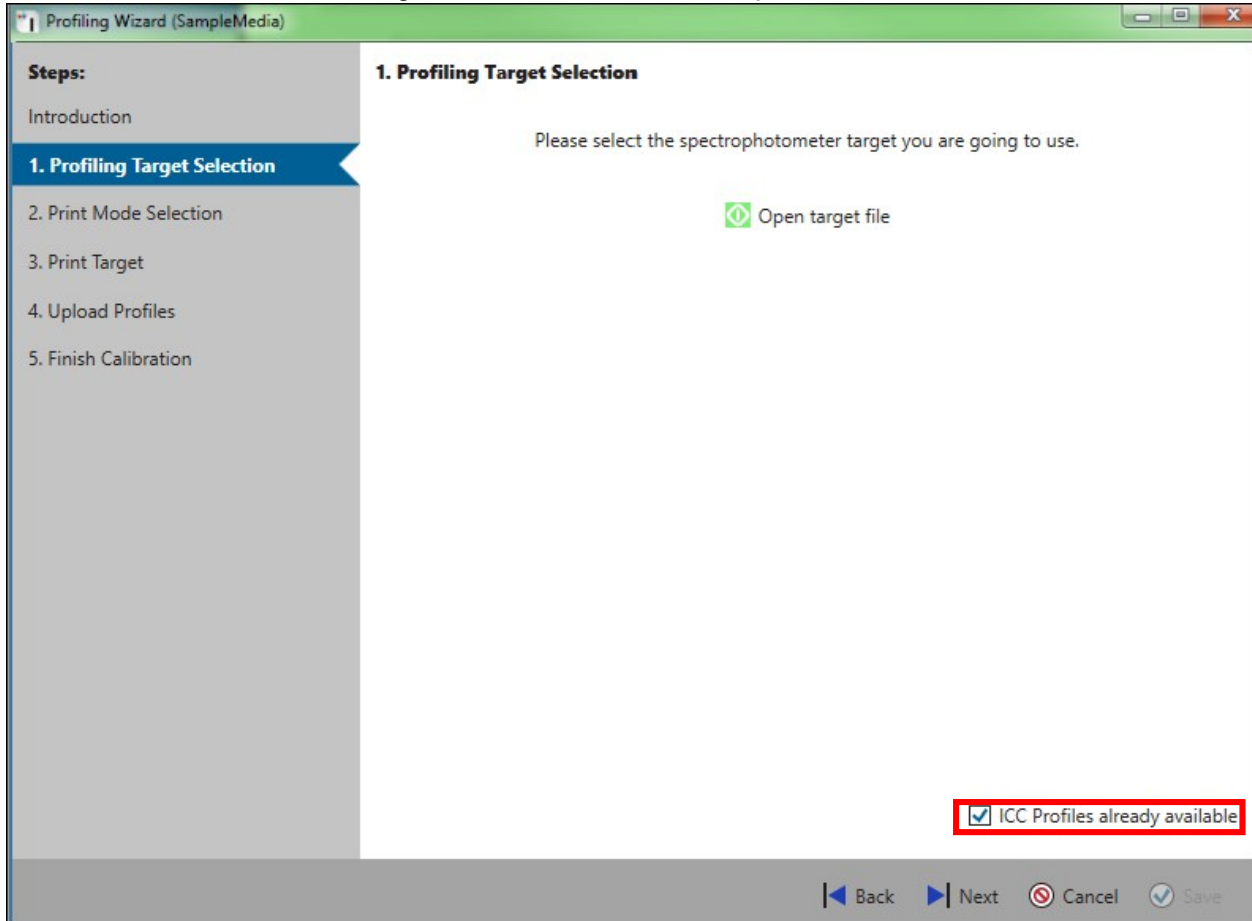


4. In the upcoming dialog, you get a reminder that the machine should be in a good condition. You could disable this by checking the box in the lower right area.



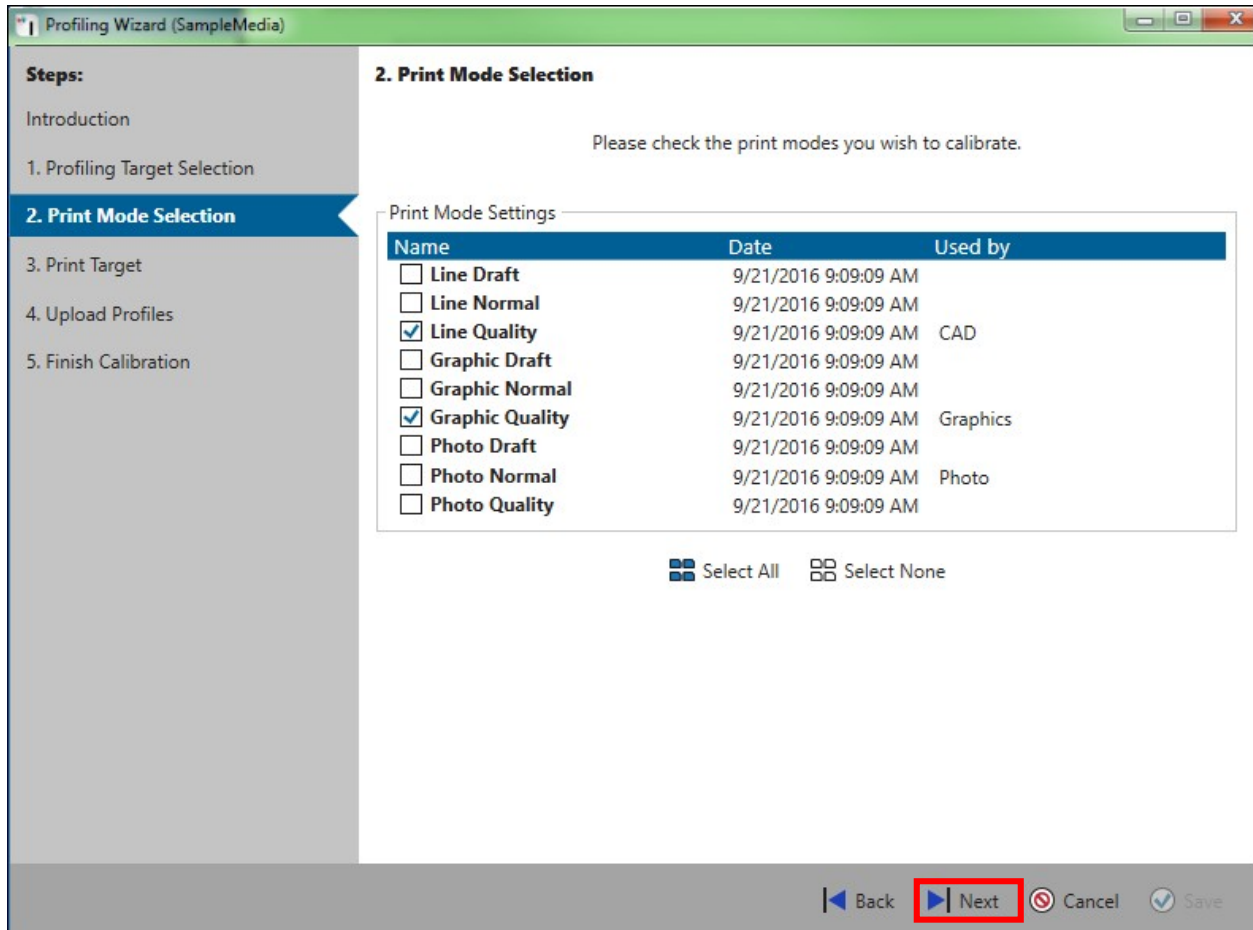
Press "Next"

5. Now check the box in the lower right corner “*ICC Profiles already available*”.

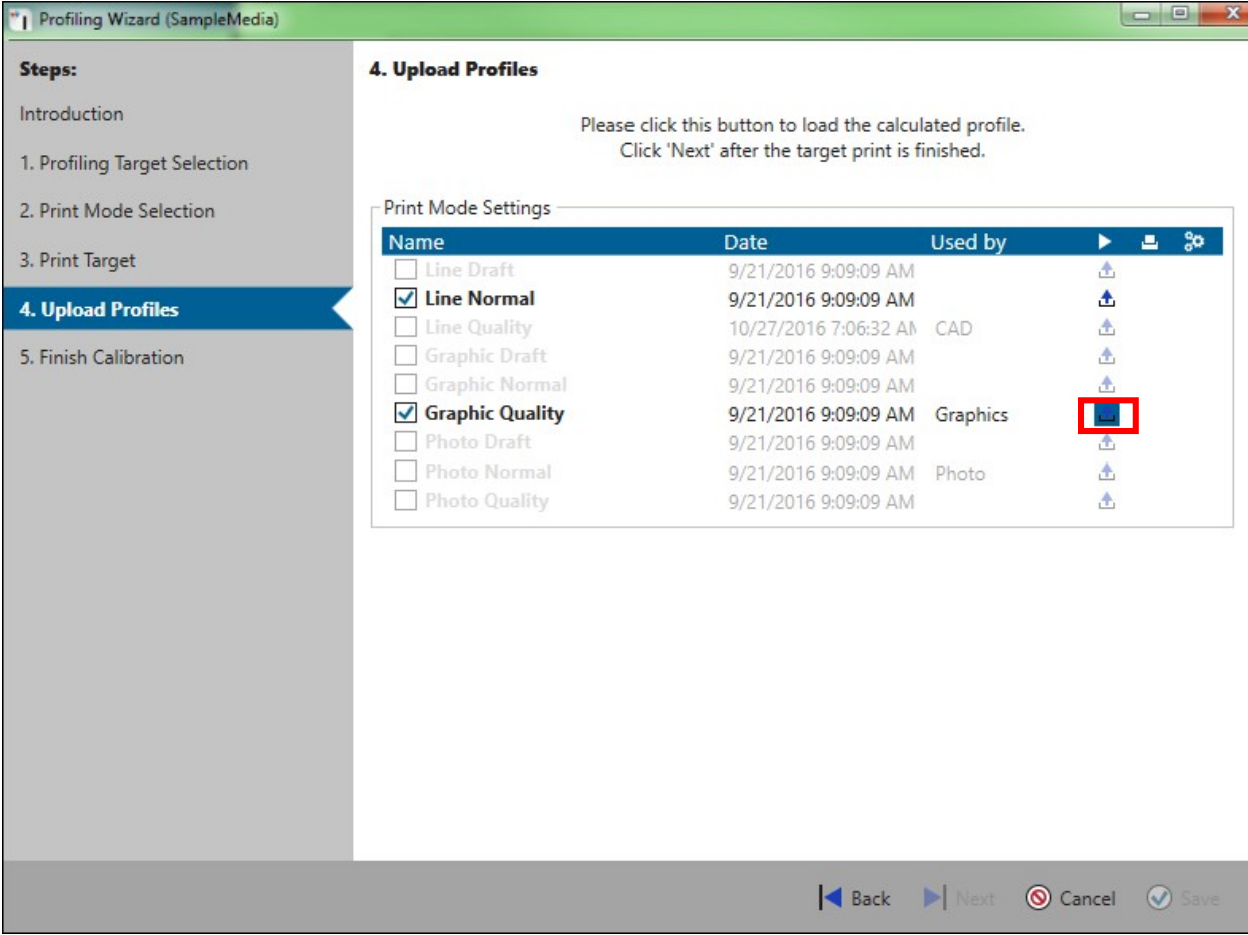


To proceed please click next.

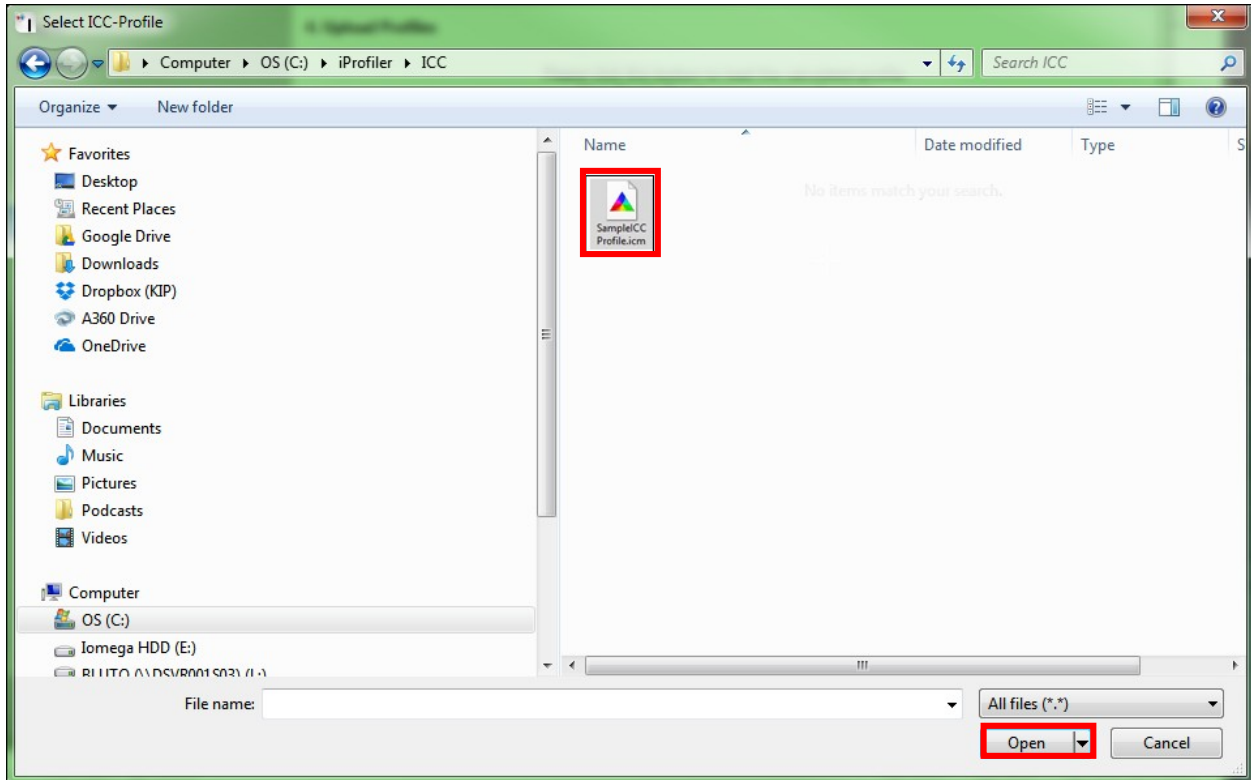
6. Select the desired Print modes you would like to change and proceed with next. The date shows when the according profile was created. “Used by” lists all Print Quality Presets which use this print mode. Click “Next”. Please make sure that you have existing ICC profiles for all models selected.



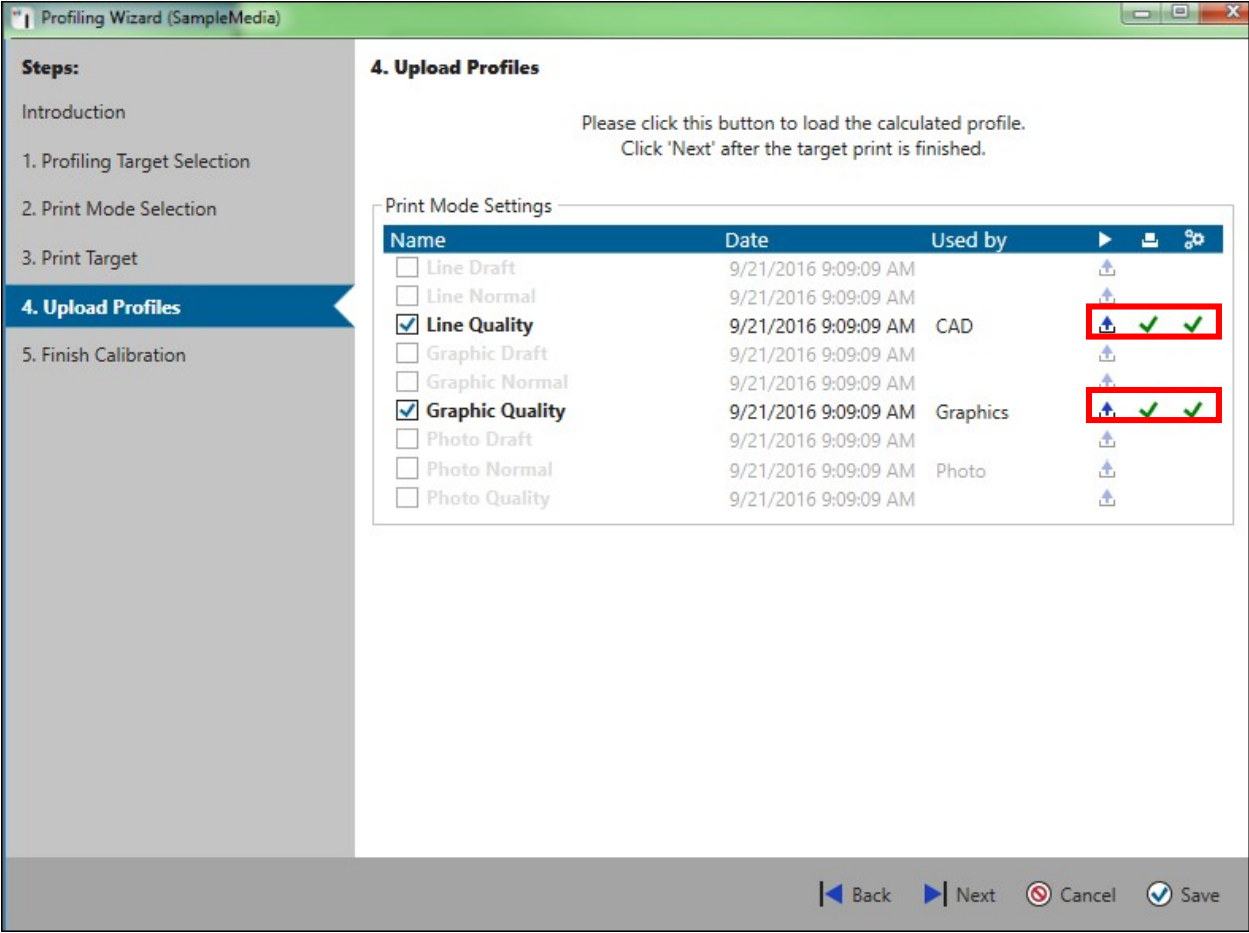
7. In the next dialog, you could upload the ICC profile.



8. Please the select the desired ICC Profile.

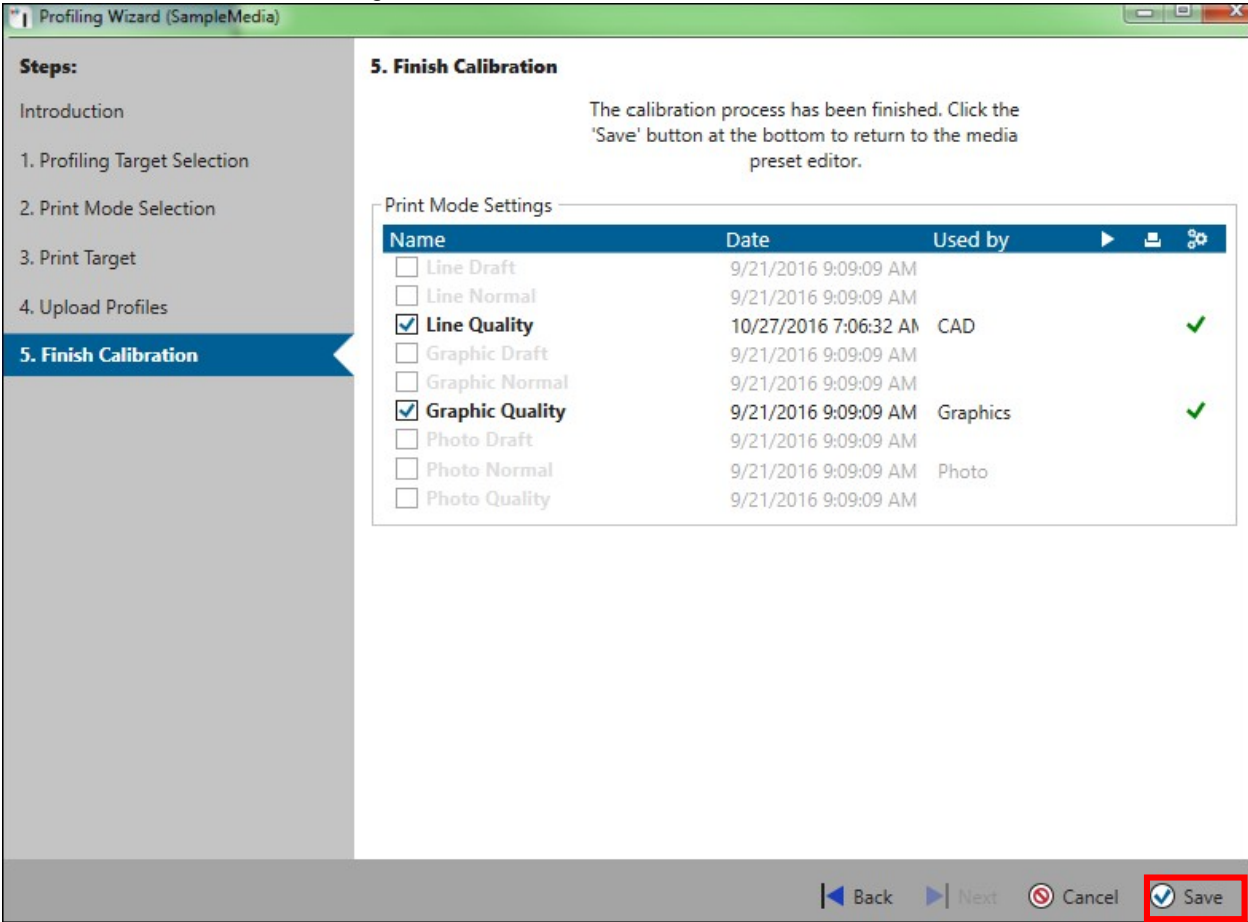


9. After successfully loading the file, a green check mark will be shown.

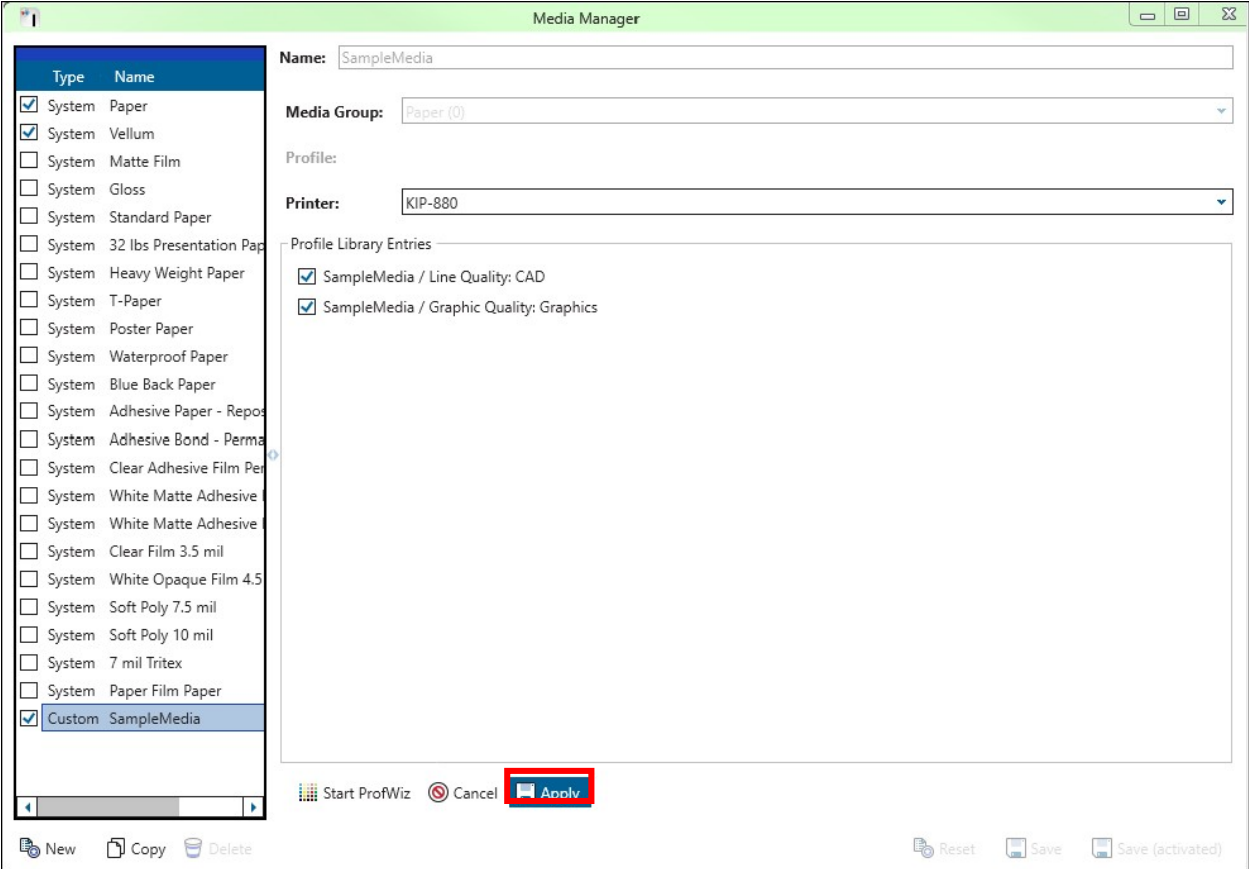


10. When all selected items show a green checkmark, the "Next" button will be enabled.

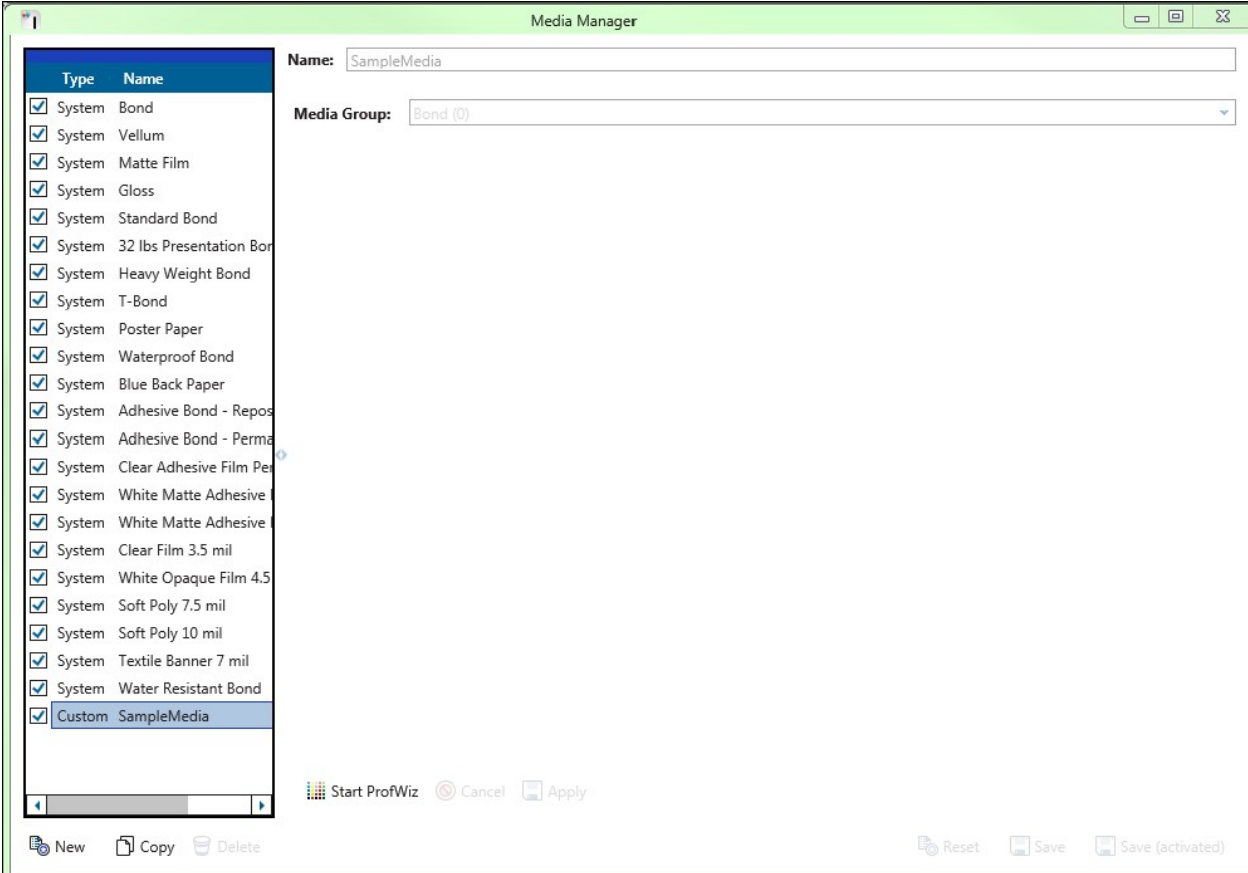
11. Please Click "Save" in the dialog.



12. The following screen will show the changed calibration. To submit these profile(s) click "Apply" in the screen.



13. This is how the dialog will look like, after the transfer of the profile.



13. Appendix 5 Rendering Intents Defined

- **Perceptual**

Compresses the total gamut from one device's color space into the gamut of another device's color space when one or more colors in the original image is out of the gamut of the destination color space. This preserves the visual relationship between colors by shrinking the entire color space and shifting all colors – including those that were in gamut.

- **Saturation**

Reproduces the original image color saturation (vividness) when converting into the target device's color space. In this approach, the relative saturation of colors is maintained from gamut to gamut. This render intent is primarily designed for business graphics, where the exact relationship between colors (such as in a photographic image) is not as important as are bright saturated colors.

- **Relative Colorimetric**

When a color in the current color space is out of gamut in the target color space, it is mapped to the closest possible color within the gamut of the target color space, while colors that are in gamut are not affected. Only the colors that fall outside of the destination gamut are changed. This render intent can cause two colors, which appear different in the source color space, to be the same in the target color space. This is called "clipping." Relative colorimetric is the default method of color conversion built into Photoshop 4.0 and earlier.


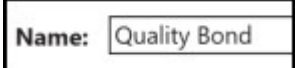


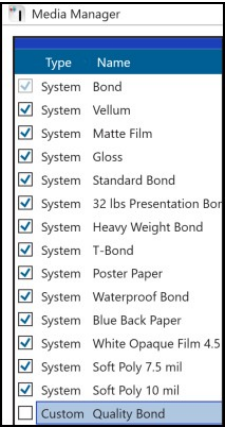
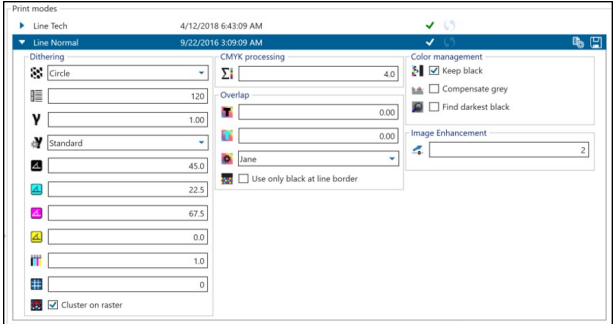
- **Absolute Colorimetric**

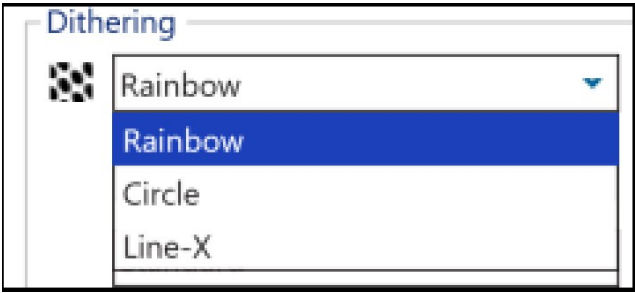

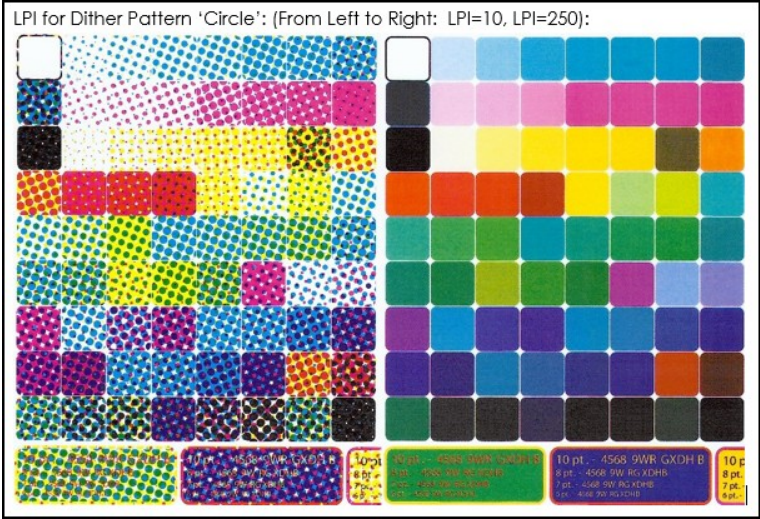
Colors match exactly with no adjustment made for white point or black point that would alter the image's brightness. Absolute colorimetric is valuable for rendering "signature colors", those colors that are highly identified with a commercial product such as the yellow used by the Eastman Kodak Company, or the red used by the Coca-Cola Company.

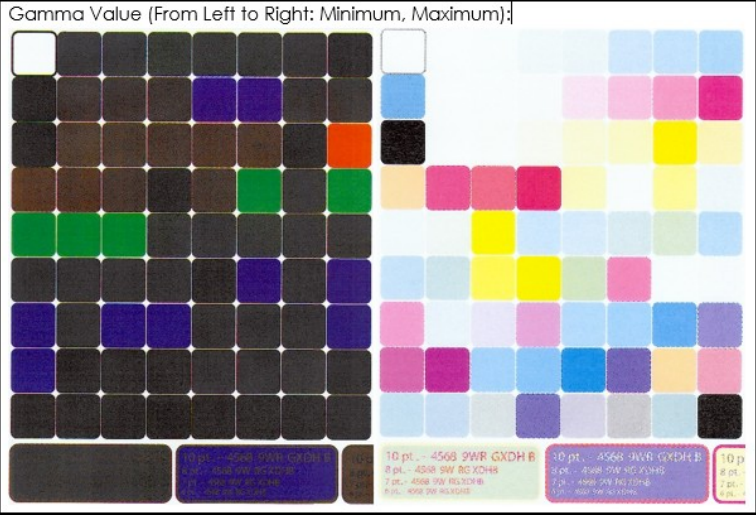
14. Appendix 6 Media Manager Expert Color Adjustments

The Following section will show all of the options available under the Color Adjustment section.



Please note: Depending on the function selected some or all of these options may be available. Each mode has its own set of option based on selection.




Step	Action	Illustration
1.	Select "New"	
2.	Give media a name	
3.	Select Media Group	
4.	Save New Media	
5.	The New media is added to the list of available medias. Select the new media.	
6.	Under Print Modes, Select the Print Quality to be adjusted. Here select the "Line Normal" option.	

Step	Action	Illustration
7.	<p>Dithering</p> <p>Dither Patterns:</p> <ul style="list-style-type: none"> • Rainbow (Stochastic, Dispersed) • Circle (Ordered, Clustered) • Line – X (Ordered, Clustered) 	
8.	<p>Lines per inch:</p>	 <p>LINES PER INCH (LPI)</p> <p>Determines the density of the dither pattern. Available only for patterns 'Stochastic Cluster', 'Circle' and 'Line-X'. Valid range goes from '10' to '250'.</p> 

<p>9.</p>	<p>Gamma Value:</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Y <input style="width: 150px;" type="text" value="1.00"/> </div> <p><u>GAMMA VALUE</u></p> <p>Affects the luminance of the digital image data. Valid range goes from '0.30' to '9.99'.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Gamma Value (From Left to Right: Minimum, Maximum):</p>  </div>
<p>10.</p>	<p>Gamma Function:</p> <ul style="list-style-type: none"> • Standard • Classic • Sigmoid 	<div style="border: 1px solid black; padding: 5px;"> Y <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Standard</p> <p style="background-color: #0056b3; color: white; padding: 2px;">Standard</p> <p>Classic</p> <p>Sigmoid</p> </div> </div>



Step	Action	Illustration
11.	Black Dither Pattern Angle	<div data-bbox="862 459 1403 531" data-label="Image"> </div> <p data-bbox="756 564 1490 627"><u>DITHER PATTERN ANGLE (BLACK, CYAN, MAGENTA and YELLOW)</u></p> <p data-bbox="756 636 1471 732">Determines the angle of the dither pattern elements independently for the 4 different color channels, Black, Cyan, Magenta and Yellow.</p> <p data-bbox="756 741 1511 804">Valid range goes from '0.0 °' to '90.0 °' for 'Dither Pattern 'Circle'' and from '0.0 °' to '180.0 °' for 'Dither Pattern 'Line-X'.</p> <p data-bbox="756 840 1474 972"><i>Note:</i> Handle with care! Modifying these settings will only result in decreased print quality as the current default settings already represent the optimal settings.</p> <div data-bbox="862 1014 1403 1461" data-label="Image"> </div>
	Cyan Dither Pattern Angle <ul style="list-style-type: none"> Values 22.0 to 22.9 	<div data-bbox="862 1493 1403 1556" data-label="Image"> </div>
	Magenta Dither Pattern Angle Values 0.0 to 0.9	<div data-bbox="862 1640 1403 1703" data-label="Image"> </div>
	Yellow Dither Pattern Angle <ul style="list-style-type: none"> Values 67.0 to 67.9 	<div data-bbox="862 1797 1403 1871" data-label="Image"> </div>

Step	Action	Illustration
12.	Maximum Toner:	<div data-bbox="906 457 1360 533" style="border: 1px solid black; padding: 5px; display: inline-block;">  </div> <p>MAXIMUM TONER</p> <p>Determines the maximum amount of toner used for printing (per color).</p> <p>Valid range goes from '0.3' to '1.0' (corresponds to 30% and 100%)</p> <p><i>Note:</i> <i>Handle with care! Modifying these settings will only result in decreased print quality as the current default settings already represent the optimal settings.</i> <i>A better way to control the maximum used toner is during profiling, which, unlike 'Maximum Toner' in this place, does not simultaneously affect all channels equally.</i></p> <div data-bbox="756 1066 1511 1583" style="border: 1px solid black; padding: 5px;"> <p>Maximum Toner (From Left to Right: Minimum, Maximum):</p>  </div>

<p>13.</p>	<p>Number of Micro Clusters</p>	<div data-bbox="906 365 1362 438" style="border: 1px solid black; padding: 2px;">  <input type="text" value="0"/> </div> <p><u>CLUSTER MODE</u></p> <p>Determines the use of cluster mode. Valid settings are 'Smooth', 'Balanced' and 'Tones'.</p> <p>Smooth: Results in lesser printable tones (posterization) due to the fact that no microclusters are used, but printing result is smooth.</p> <p>Balanced: Balances printable tones and printing result smoothness. All microclusters have the same size, but dither pattern angles and lines per inch are less accurate (moiré patterns occur more likely).</p> <p>Tones: Results in more printable tones but printing result is less smooth. All microclusters can have a slightly differing size, but dither pattern angles and lines per inch are more accurate (moiré patterns occur less likely).</p>
<p>14.</p>	<p>Cluster on Raster</p>	<div data-bbox="1053 1264 1213 1323" style="border: 1px solid black; padding: 2px;">  </div>
<p>15.</p>	<p>CMYK Processing</p> <p>CMYK Limit</p> <ul style="list-style-type: none"> • Values from 0.0 to 4.0 	<div data-bbox="899 1457 1365 1575" style="border: 1px solid black; padding: 2px;"> <p>CMYK processing</p>  <input type="text" value="2.8"/> </div> <p><u>CMYK LIMIT</u></p> <p>Determines the overall maximum amount toner used for printing across all colors. Valid range goes from '2.0' to '4.0'. (corresponds to 200% and 400%)</p> <p>The better the underlying algorithm works, the less difference in printouts will be visible to the naked eye when comparing</p>

		<p>printouts with different values for <u>CMYK LIMIT</u>. The most reliable way to check the functionality is to compare the coverage data from the accounting log.</p> <p><u>ATTENTION:</u> <i>This value should be set to 4.0 while profiling new print modes to allow maximum color reproduction for the profiling test charts. If only profiled processing modes are used (CIE Lab, CMYK), this value can be left at 4.0 during operation to ensure maximum print quality. However, it can also be reduced to limit the amount of used toner.</i></p> <p><i>For un-profiled processing modes (RGB) this value should be left alone completely as it will potentially only take out the K channel, which will ultimately result in severely decreased print quality.</i></p> <p><i>If a print mode is used for both profiled and unprofiled processing, this value should be set same as the profile's max coverage (to be taken from profiling workflow).</i></p>
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<p>16.</p>	<p>Overlap</p> <ul style="list-style-type: none"> Black – Values 0.00 to 1.0 	<div data-bbox="863 403 1403 758"> </div> <p>OVERLAP (BLACK)</p> <p>Controls the overlap of colored (CMY) areas into black (K) areas and can help to compensate misregistration issues. For this to work as expected the black area needs to be K only. For example, when using output color space 'CieLAB' the color management needs to make sure that black areas are printed using K only. Hence, this option works best when using output color space 'CMYK'.</p> <p>Valid range goes from '0.00 mm' to '1.00 mm'.</p> <p>1 Pixel @ 600 dpi ≈ 42 μm → 1 mm ≈ 24 Pixel.</p> <div data-bbox="756 1201 1438 1887"> <p>Overlap (Black) (From Left to Right: 0.00 mm, 1.0 mm):</p> </div>
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<ul style="list-style-type: none"> • Color – Values 0.00 to 1.0 • Overlap Method <ul style="list-style-type: none"> ○ Jane ○ Thomas • Use Only Black at Line Border – On/Off (Check Box) 	<p><u>OVERLAP (COLOR)</u></p> <p>Controls the overlap of lighter color areas into darker color areas and can help to compensate misregistration issues. Valid range goes from '0.00 mm' to '1.00 mm'</p> <p>1 Pixel @ 600 dpi ≈ 42 μm → 1 mm ≈ 24 Pixel.</p> <div data-bbox="756 569 1511 978" style="border: 1px solid black; padding: 5px;"> <p>Overlap (Color) (From Left to Right: 0.00 mm, 1.00 mm):</p>  </div> <p><u>USE ONLY BLACK AT LINE BORDER</u></p> <p>Prints borders of black print objects with K only instead of CMY, to avoid having colored pixels around the edges caused by potential misregistration issues. Available only if <u>OVERLAP (BLACK)</u> is > 0 and available only for solid K (K100%, typically HPGL/TIFF printed using unprofiled color spaces RGB, CMYK direct or x3/x4 PDF using CMYK). Valid settings are 'ON' or 'OFF'.</p> <div data-bbox="854 1377 1390 1906" style="border: 1px solid black; padding: 5px;"> <p>Use Black Only at Line Border (From Left to Right: ON, OFF)</p>  </div>
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17.

Color Management

- Keep Black – On/Off (Check Box)
- Compensate Grey – On/Off (Check Box)
- Find Darkest Black– On/Off (Check Box)

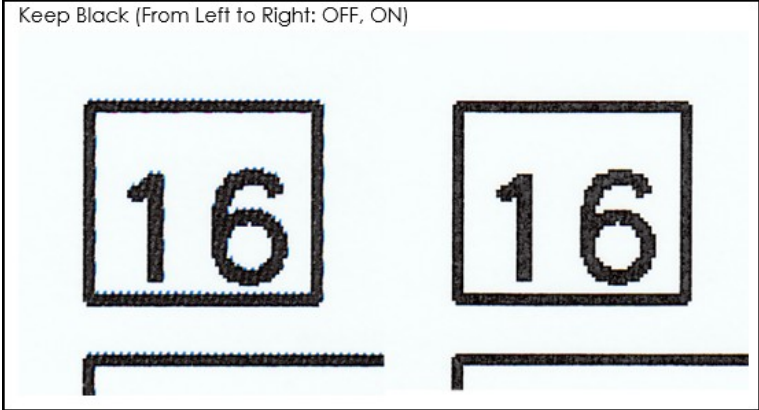


KEEP BLACK

Sets C, M, Y to "0", if input color is achromatic. Set only K plane. Available only if the output Color space is CMYK (Printer-ICC) and Color Management is ON. Valid settings are 'ON' or 'OFF'.


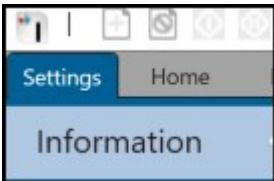


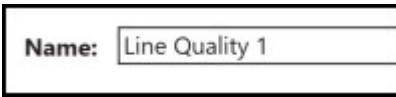
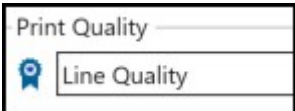
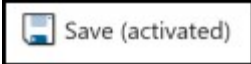


CIELAB: If a==b==0 then C, M, Y = 0, K = 100-L
RGB: If R==G==B then C, M, Y = 0, K = (R+G+B) / 3


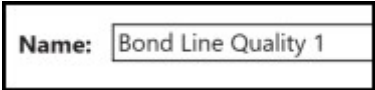
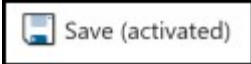

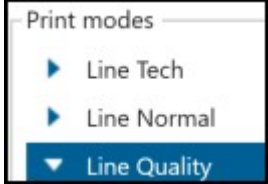
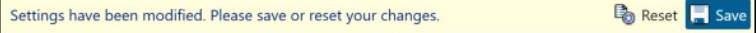
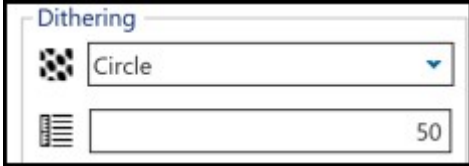



Keep Black (From Left to Right: OFF, ON)

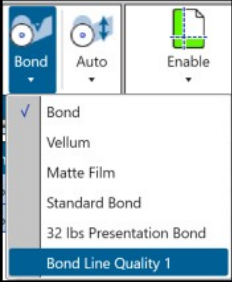


Step	Action	Illustration
18.	<p><u>Image Enhancement</u></p> <ul style="list-style-type: none"> • Values from 0, 1 and 2 	<div data-bbox="857 464 1411 598" data-label="Image"> </div> <p><u>IMAGE ENHANCEMENT</u> Determines KTA's own image enhancement. Please refer to KTA documentation for further information. Valid range goes from '0' to '2'.</p>

15. Steps for Creating a new Color Adjustment

Step	Action	Illustration
1.	Open KIP ImagePro Application	
2.	Select the Settings Tab	
3.	Select Print Quality Presets	
4.	Select New to create a new PQP	
5.	Name the PQP (ex. Line Quality 1)	
6.	Change Print Quality to Line Quality	
7.	Select Save (activated)	
8.	Close the PQP editor	
9.	Open the Media Manager	

Step	Action	Illustration
10.	Select New to create a new Media	
11.	Name the new Media (ex. Bond Line Quality 1)	
12.	Select Save (activated)	
13.	Select newly created media from the list	
14.	Under Print Modes select Line Quality	
15.	<p>Make Necessary changes and then select Save.</p> <p>Here, The Dither is changed from Rainbow to Circle and LPI is changed from 120 to 50.</p>	 
16.	From ImagePro add a file(s) to print	
17.	Select the Basic Tab	
18.	Under Print Quality - Select the new PQP (Line Quality 1)	

Step	Action	Illustration
19.	Under Media select the new Media (Bond Line Quality 1)	
20.	Select Submit	