



KIP Cloud Apps User Guide



Contents

- System Requirements 3
- Setup of Cloud (Driverless) Printing..... 4
- Printer Configuration 5
- Cloud Printing..... 8
 - General Tab..... 11
 - Color Tab..... 12
 - Misc Tab..... 13
 - RIP Preview 13
 - Retrieving from Mailboxes using KIP Print 16
- Cloud Scanning..... 18
- Cloud Printing with KIP vCard 20
- Frequently Asked Questions 21



Introduction

KIP Cloud Printing is an email printing and scanning utility compatible with any web browser and email client. Cloud / driverless printing allows users to select and send single or multiple files to all KIP systems connected to the local network or internet direct from their available E-mail. Users may also use KIP Color Advanced to scan to print or scan to Mailbox queue to any connected KIP printer. The ability to produce large prints using nothing more than an email with attachments and a few key words helps keep mobile clients on the go to stay productive.

- Use any phone, tablet, laptop or PC
- No need to install drivers or software applications
- No learning curve, no training
- Submit print ready files via Email attachments
- Optional keywords provide expanded flexibility

System Requirements

KIP Web Apps require the following:

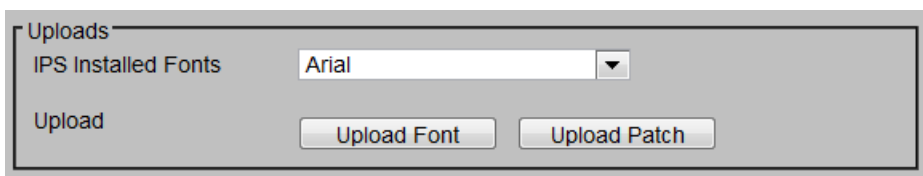
- Connection to email server (internet or intranet)
- Valid email address and credentials from email provider
- KIP based printer (700m, 7100, 7700, 7900, 9900)
- KIP version 7.2.280 or higher

Setup of Cloud (Driverless) Printing

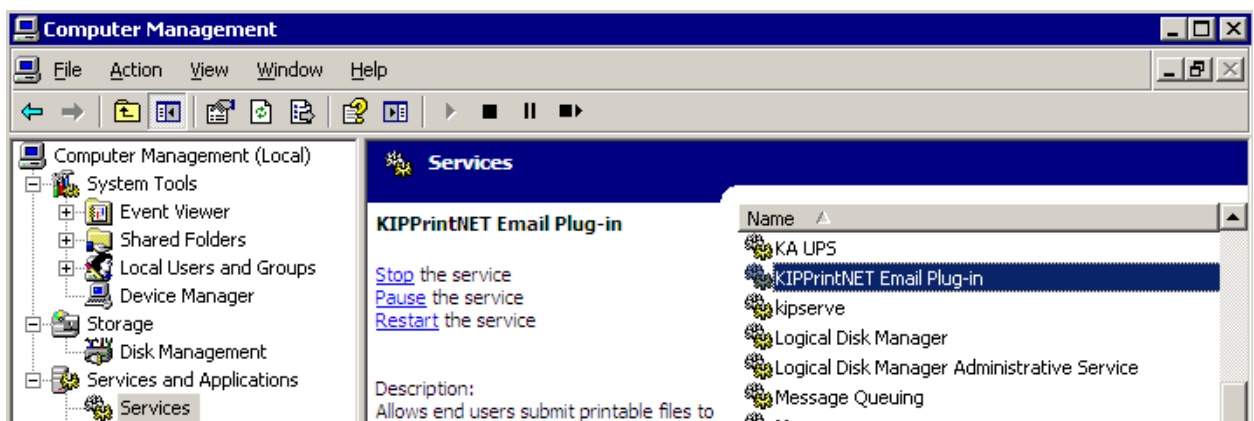
Installing the Cloud printing application is as simple as pushing an update patch to the KIP. **(7.3 and higher include the plug in preinstalled at the factory)**

Once the Driverless printing application has been downloaded do the following:

1. Extract the KIP update from the .zip file
2. Using KIP PrintNET (use your web browser – typing in the IP address of the printer - this can be found on the ? screen at the printer.)
3. Log in to the Printer Config page
4. Upload Patch



5. Browse for the file you just extracted
6. And select Save.
7. The KIP GUI screen will turn RED with a message “Please wait Updating KIP”
8. KIP will Reboot
9. This will install a service that will allow the driverless printing application to function properly.



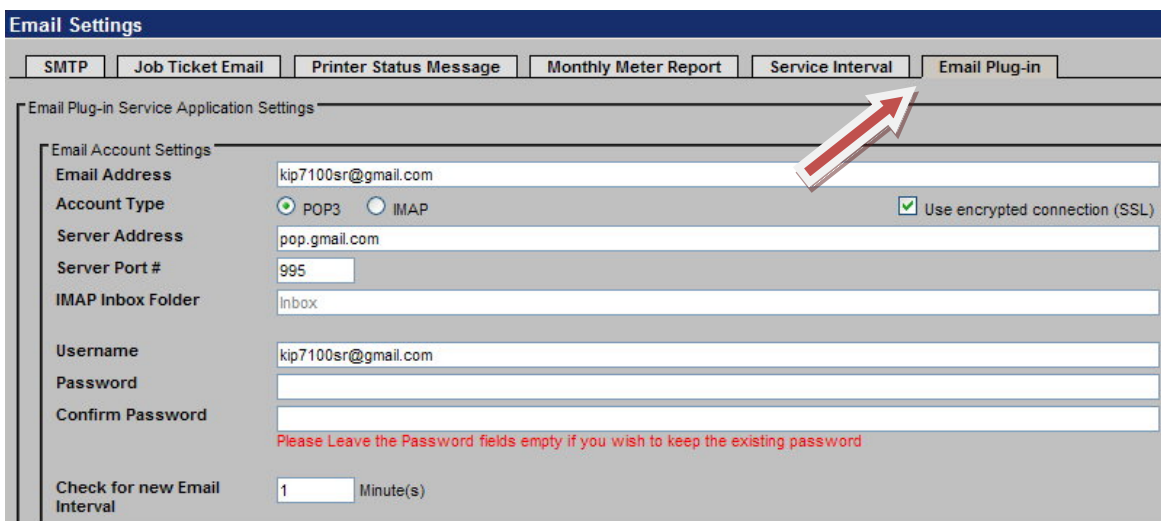
Printer Configuration

The KIP Cloud printing allows users to submit print image data for direct printing or to be stored in a local KIP Mailbox (Queue) for later image data retrieval or printing.

Configuration is controlled via KIP PrintNET once the application has been installed.

Log into KIP PrintNET using the KIP printer's IP address and your favorite web browser.

Select Printer Config and enter the 'Administrator's' account for the printer. Click on Email Plug-in for configuration.



The screenshot shows the 'Email Settings' web interface. At the top, there are several tabs: SMTP, Job Ticket Email, Printer Status Message, Monthly Meter Report, Service Interval, and Email Plug-in. The 'Email Plug-in' tab is selected. Below the tabs, there is a section titled 'Email Plug-in Service Application Settings'. Underneath, there is a sub-section 'Email Account Settings' with the following fields: Email Address (kip7100sr@gmail.com), Account Type (POP3 selected, IMAP unselected), Server Address (pop.gmail.com), Server Port # (995), IMAP Inbox Folder (inbox), Username (kip7100sr@gmail.com), Password, and Confirm Password. A red arrow points to the 'Email Plug-in' tab. A red text message below the password fields reads: 'Please Leave the Password fields empty if you wish to keep the existing password'. At the bottom, there is a 'Check for new Email Interval' field set to 1 Minute(s).

- E-mail address – The E-mail Address assigned/created for the KIP Printer. The email address may be any email address from any accessible POP3 or IMAP email server.
- Account Type POP3/IMAP – Protocol used for E-mail. Please refer to your email server for this information.
- Server Address – Address of the E-mail connection
- Server Port # - Indicates the port number to be used for connection. This port is automatically selected based on Account type and SSL connection status.
- IMAP Inbox Folder – If IMAP is being used this is the folder name to be checked for files to print. Default is 'Inbox'.
- Username – User Name used on the e-mail account for authentication.

This information is solely for use of KIP Personnel and KIP Authorized Dealers. No part of this publication may be copied, reproduced or distributed in any form without express written permission from KIP. © 2012 KIP. vii_iv

KIP Cloud Apps



- Default Delivery Mode
 - Move to Mailbox(Hold) – Deposits the files into the specified Mailbox to be held until either retrieved or printed
 - Create Job Ticket – Creates a job ticket and deposits this into the printing path.
- Submit – Saves all changes made to this area

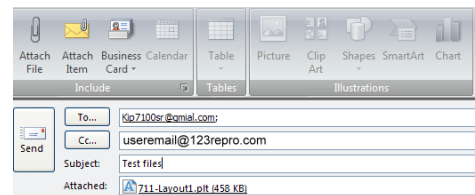
Cloud Printing

Direct Print

This feature allows for the ability to submit digital images to the KIP printer using nothing more than an e-mail with attachments and a few key words (optional).

With the E-mail Plug-in settings in PrintNet set to Create Job do the following:

1. Open desired E-mail application (Outlook, Yahoo Mail, Google Mail)
2. Enter the e-mail address of the KIP Printer (This is the Email address assigned to the KIP printer by the I/T Admin)



File=711-Layout1.pdf
Copy=2
Media=Film
Zoom=75

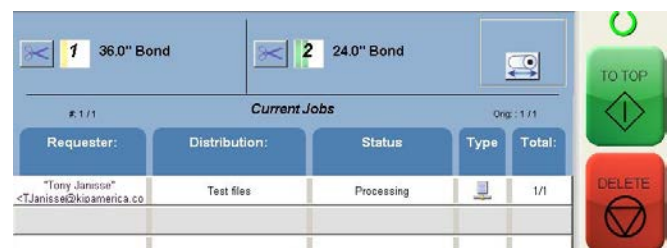
OPTIONAL

Note: the E-mail shown in the example is NOT the e-mail address this has to be set to, just an example of what could be created for this functionality to work.

3. Enter the Subject – This can be something simple and will be used in the KIP Track log.
 - a. The 'From' email address will be used for the 'Requester' information in the KIP Track log.
4. In the body (optional) enter any of the Key words (set in PrintNet) that will allow a specific setting for the output of the files may also be added to the body of the e-mail.

Note: there is no response to the sender indicating that the file has been received or printed. Users may want to add themselves in the CC area of the e-mail so that they will know the e-mail went through.

5. Browse to the location of the file to be transmitted.
6. When the file is received it will appear in the Job Queue and all information that it was created with it will be logged when printed.



Printing - Mailbox Queue

This information is solely for use of KIP Personnel and KIP Authorized Dealers. No part of this publication may be copied, reproduced or distributed in any form without express written permission from KIP. © 2012 KIP. vii_iv

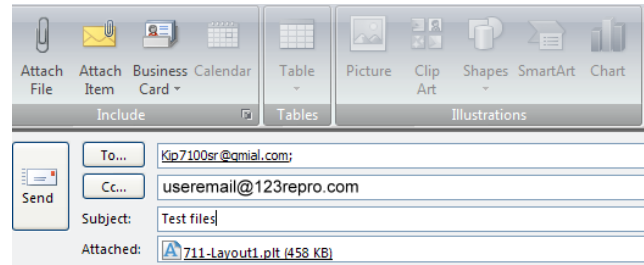
KIP Cloud Apps



This KIP Web App. Allows for the user to simply send files for printing without the need for the installation of any special drivers.

With the E-mail Plug in settings in PrintNet set to Move to Mailbox Queue do the following:

1. Open desired E-mail application (Outlook, Yahoo Mail, Google Mail)
2. Enter the e-mail address of the KIP Printer (This is the Email address assigned to the KIP printer by the I/T Admin)



File=711-Layout1.pdf
Copy=2
Media=Film
Zoom=75

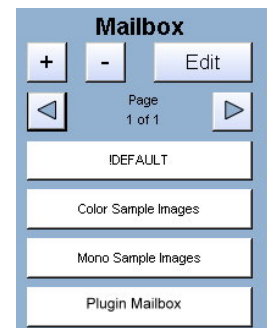
OPTIONAL

Note: the E-mail shown in the example is NOT the e-mail address this has to be set to, just an example of what could be created for this functionality to work.

3. Enter the Subject – This can be something simple.
4. In the body (optional) enter any of the Key words (set in PrintNet) that will allow a specific setting for the output of the files may also be added to the body of the e-mail.

Note: there is no response to the sender indicating that the file has been received or printed. Users may want to add themselves in the CC area of the e-mail so that they will know the e-mail went through.

5. When Scan is complete it will appear in the Mailbox Queue.



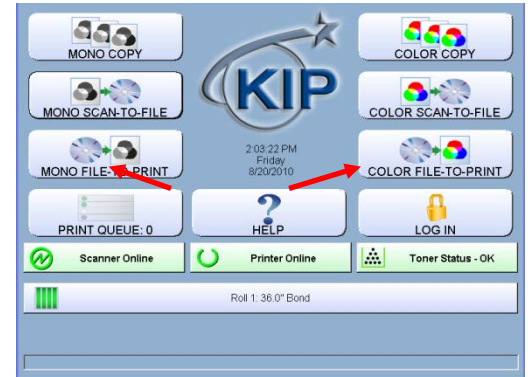
KIP Cloud Apps



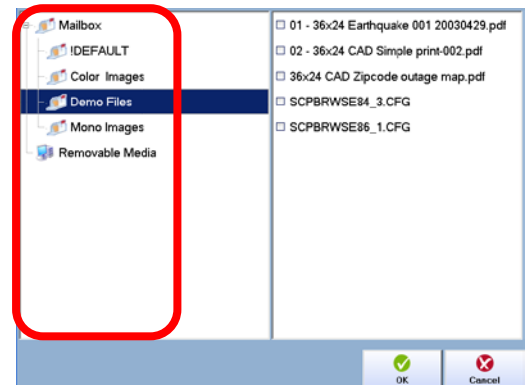
Color File-to-Print

Once the files have been received via e-mail on the KIP they will go into a Mailbox created with the name of the person sending the E-mail. These files can now be printed using the File-To-Print functionality of the KIP software or retrieved via KIP Request or KIP PrintNet.

- Click the “File-to-Print” button to print files stored locally on the printer. This includes Local Mailboxes and other folders on the hard drive.



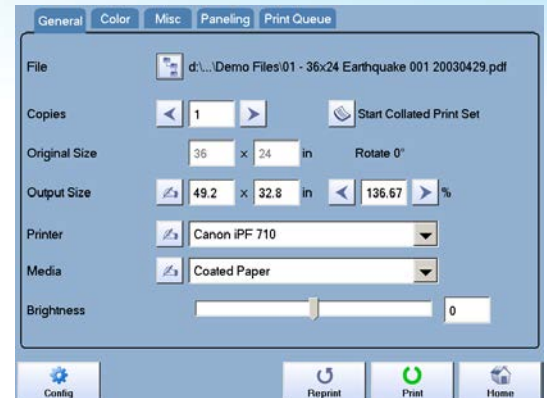
- Browse to the destination and select the file or files you want to print on the right side of the screen.



- Once selected click the OK button and the following window will open



- File – Shows the name and location of the file being printed. Selecting the File Button will return to the mail File to Print selection screen.
- Printer allows for the selection of the printer the Output will be sent to including KIP Printers, Ink Jet printers and 3rd party printers.



General Tab

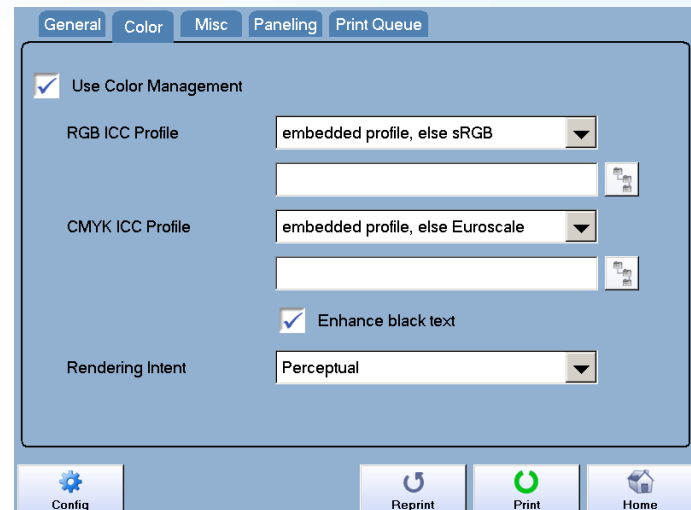
- Select the number of copies to be made along with setting any other options such as:
 - Original Size – Set by Actual Image (this is not changeable)
 - Output Size – Select from available sizes or enter manually
 - Printer – Select from drop down of available printers
 - Media – Select from drop down of calibrated medias
 - Brightness – Adjust brightness as necessary

Note: All of these options are detailed in previous sections.



Color Tab

- Selecting the Color Tab will offer more color options such as:
- Use Color management On (selected) – will use the selected ICC profile for either RGB or CMYK
- Use Color Management Off (unselected)- uses the colors embedded in the file.
- Rendering intent –choose from four different rendering intents: *absolute colorimetric*, *relative colorimetric*, *perceptual*, and *saturation*

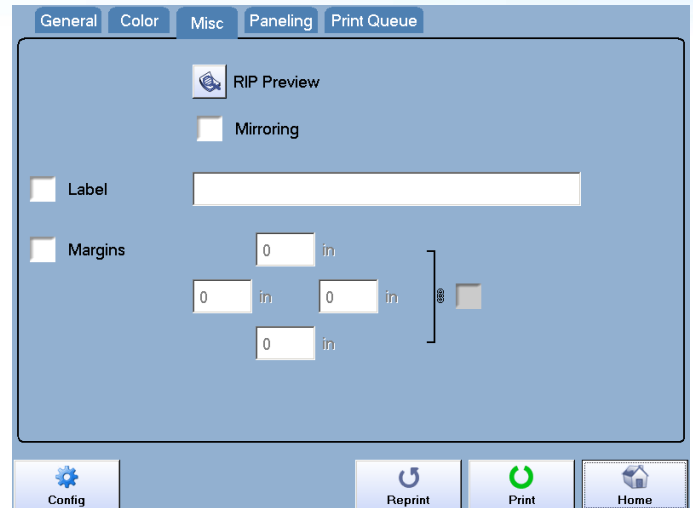


KIP Cloud Apps



Misc Tab

Selecting the Misc Tab allows the user to preview the file to be printed prior to printing it.

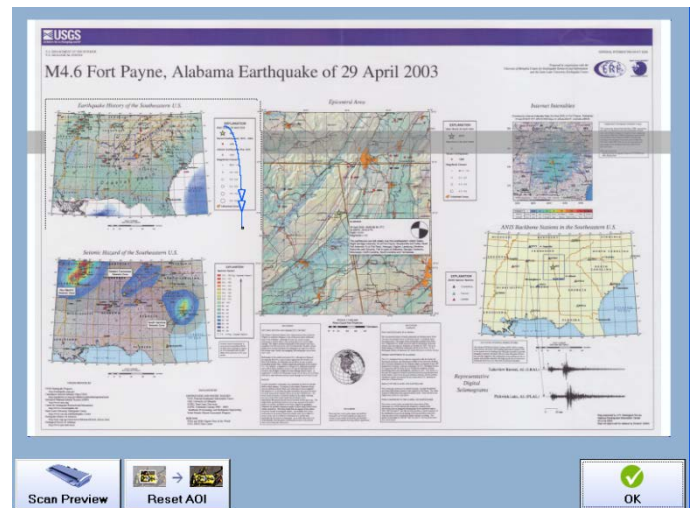


RIP Preview

Scan Preview allows the user to see the file prior to sending it to the printer.



When RIP preview is selected the original will be scanned and then a preview will be displayed. Selecting OK will return to the main copy screen. Users also have the ability to copy a specific Area Of Interest (AOI). There are two methods for selecting the AOI.



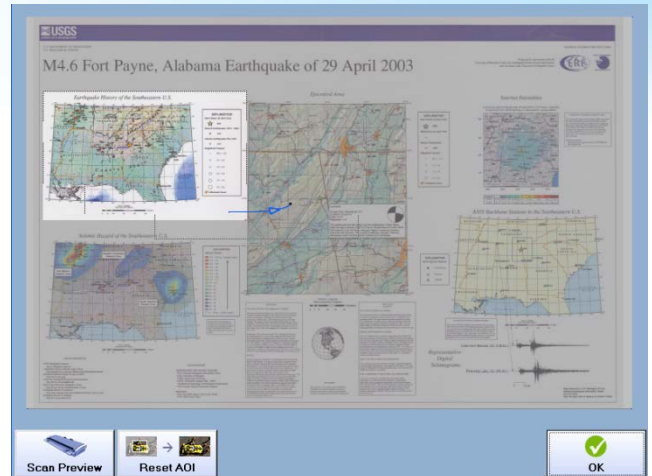
KIP Cloud Apps



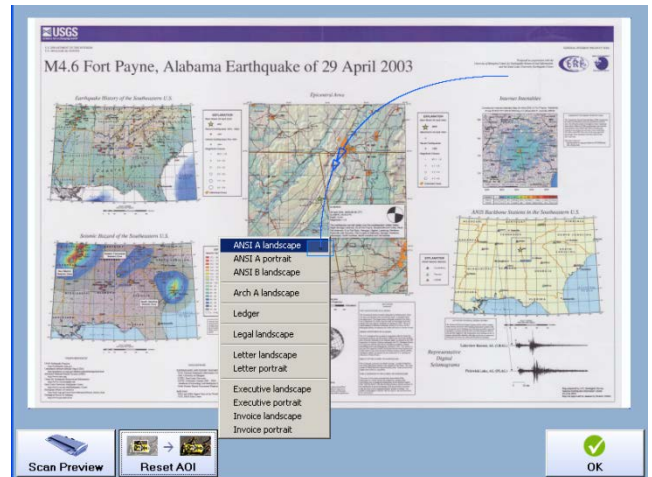
The first method for setting the Area of interest is to touch the screen and hold and then drag a box around the specific area.

This will highlight only the selected area and if Ok is selected at this point, will only scan this area.

Clicking Reset AOI will return to the full screen view of the file.

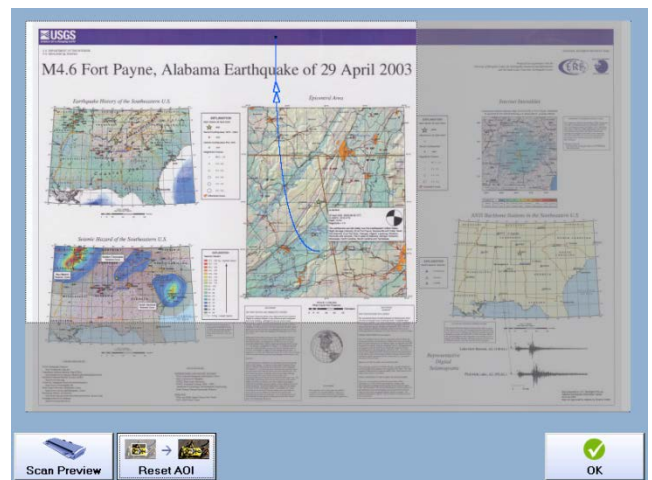


The second method for setting the Area of interest is to touch the screen and hold for a second or two. A menu will appear, from this window a specific paper size can be selected as the Area of interest.



This will highlight the specific size selected, and if Ok is clicked at this point, only this area will be scanned

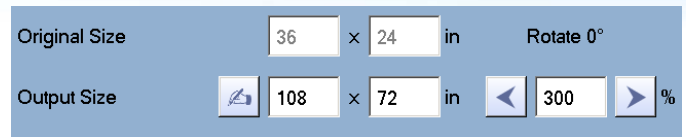
Note: In both methods once the size is selected the user has the ability to drag the box around on the screen to set the position.



Paneling Tab

Paneling will allow the user to create output that would be too big for the printer to print under normal conditions. For example if the desired output is to be 108"x72" wide this can be achieved by using paneling.

In this example we have a 36"x24" original that will be paneled to 108"x72". The paneling tab will look like this. The user can set the count given to specific values or let the software calculate the necessary panels. The height can also be controlled to make handling of the panels easier.



Original Size 36 x 24 in Rotate 0°
Output Size 108 x 72 in 300 %



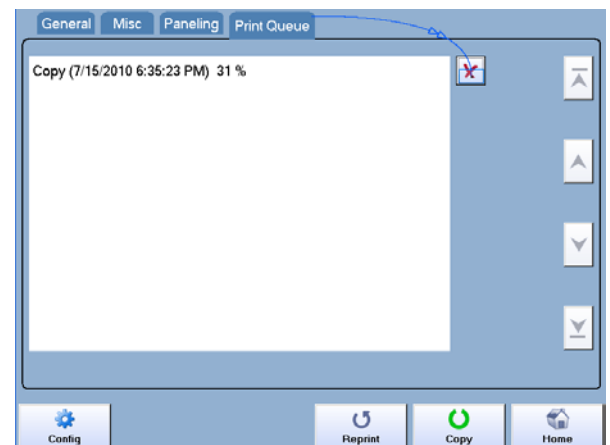
General Misc Paneling Print Queue

Width Height
 Size Given 16.3 in Size Given 78.74 in
 Count Given 4 Count Given 2
Overlap 0 in Overlap 0 in
 Glueing Marks

Config Reprint Copy Home

Print Queue Tab

The print Queue will show the progress of the file being sent to the color printer. Once it has left the print queue it is at the printer to be printed.



General Misc Paneling Print Queue

Copy (7/15/2010 6:35:23 PM) 31 %

Config Reprint Copy Home

Retrieving from Mailboxes using KIP PrintNet

The Mailboxes feature will allow a user to download files that have already been scanned into a Mailbox in the KIP. The user will be able to see all current Mailboxes, and select files that are present in that Mailbox for download. The desired files may also be downloaded to a .ZIP file for easy portability.

This can be done by Selecting the Mailbox Icon and then selecting the desired mailbox and all or specific files to download and clicking on the Download Button.

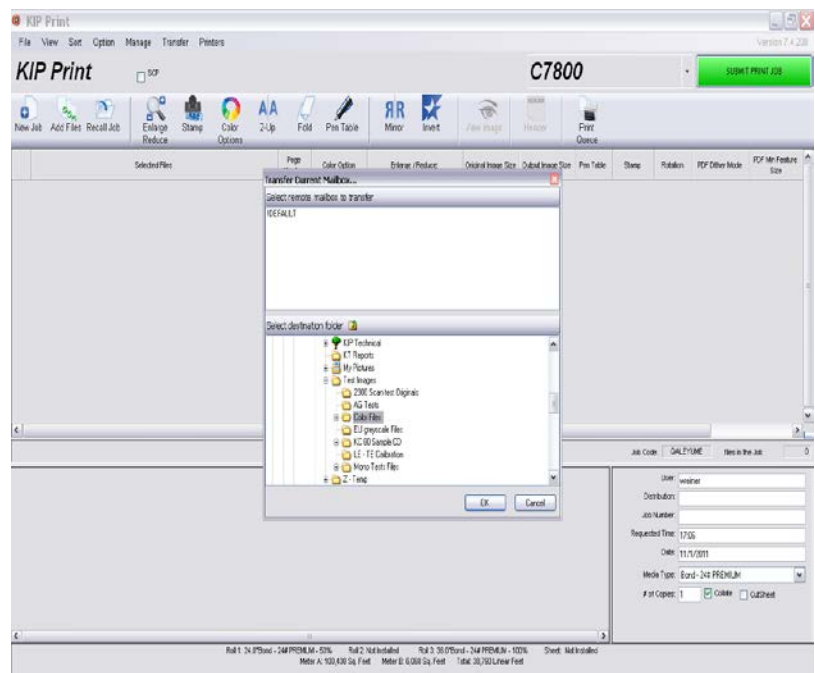
Retrieving from Mailboxes using KIP Print

Mailbox Retrieval

Documents scanned on the KIP can be retrieved with the KIP Print software. These are documents scanned into mailboxes on the KIP.

To retrieve documents that were scanned into a mailbox use KIP Print in the following manner:

1. Use the "TRANSFER – TRANSFER MAIL BOX" selection to browse to KIP Mail Box located on the Printer
2. Set the destination on the local drive



3. After you have copied the files it will ask if you wish to delete the folder on the KIP. This can

This information is solely for use of KIP Personnel and KIP Authorized Dealers. No part of this publication may be copied, reproduced or distributed in any form without express written permission from KIP. © 2012 KIP. vii_iv

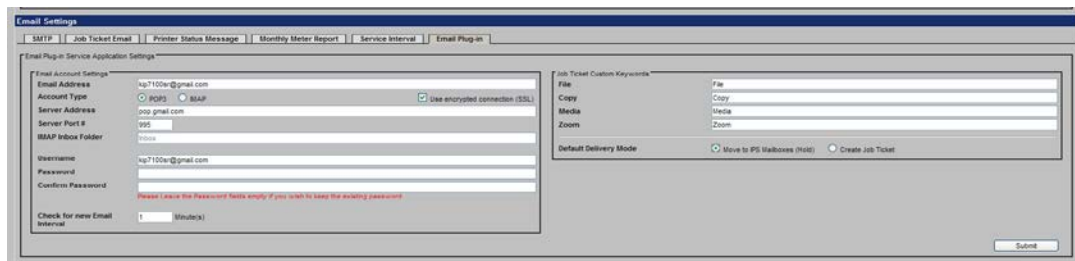


be performed at this time if desired.

4. After the folder with the scanned images has been copied other tasks can be performed with KIP applications and other third party applications:
 - a. Database the images
 - b. Image editing
 - c. KIP Print
 - d. Any other image tools applications

Cloud Scanning

Cloud Scanning will allow a user to send files from their valid E-mail application directly to a KIP printer to automatically print out or go directly into a mailbox for printing later or so they can be transferred to a desired location.



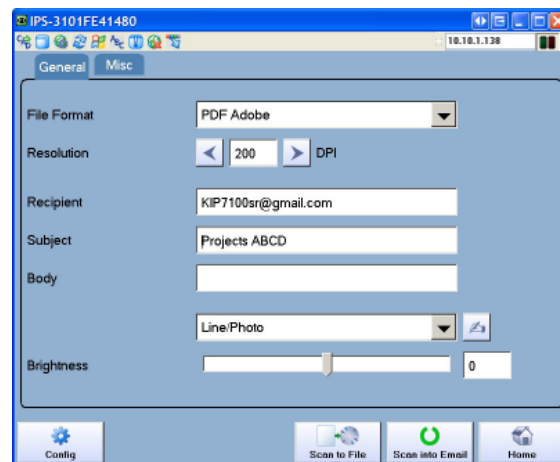
Steps for Cloud Scanning

Scanning to a mailbox of another KIP Printer, this could be a KIP printer located in another office or just another KIP printer located in the same building.

Scan to Print

With the E-mail Plug in settings in PrintNet set to Move to Create Job Ticket from the KIP touch Screen do the following:

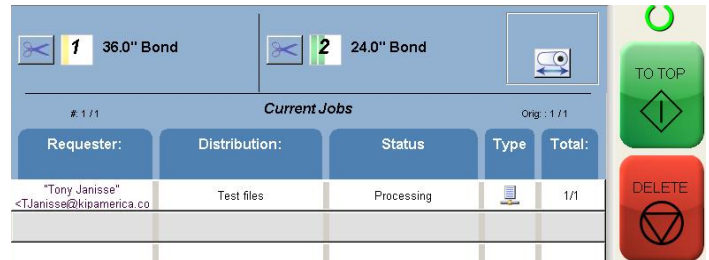
1. Select Color Scan to File
2. Select Scan to E-mail (**Please note the E-mail shown in the example is NOT the e-mail address this has to be set to, just an example of what could be created for this functionality to work**)
3. Enter the e-mail address of the KIP Printer (This is the Email address assigned to the KIP printer by the I/T Admin)
4. Enter the Subject – This can be something simple.
5. Or any of the Key words that will allow a specific setting for the output of the file may also be added to the body of the e-mail.





Note: there is no response to the sender indicating that the file has been received or printed. Users may want to add themselves in the CC area of the e-mail so that they will know the e-mail went through.

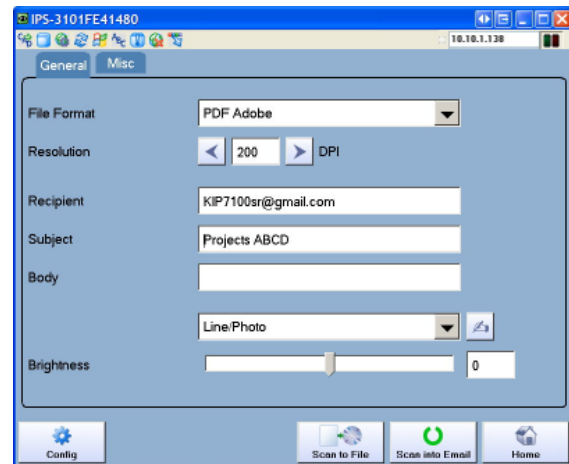
6. Insert the file
7. Scan entire file to e-mail or just a specific portion of the file by previewing the file and selecting an area of interest to scan to e-mail.
8. When scan is completed it will appear in the Job Queue and all information that it was created with it will be logged when printed.



Scanning to Mailbox Queue

With the E-mail Plug in settings in PrintNet set to Move to Mailbox (Hold) from the KIP touch Screen do the following:

1. Select Color Scan to File
2. Select Scan to E-mail (**Please note the E-mail shown in the example is NOT the e-mail address this has to be set to, just an example of what could be created for this functionality to work**)
3. Enter the e-mail address of the KIP Printer (This is the Email address assigned to the KIP printer by the I/T Admin)
4. Enter the Subject - This can be something simple
5. Or any of the Key words that will allow a specific setting for the output of the file can be entered into the body.
6. Insert the file
7. Scan entire file to e-mail or just a specific portion of the file by previewing the file and selecting an area of interest to scan to e-mail.
8. When scan is completed it will appear in the Mailbox Queue.



Cloud Printing with KIP vCard

The KIP vCard automates the cloud printing process by eliminating the step of typing print preferences into the email body for commonly used jobs. For example, the vCard can be set up to always print on bond paper at 50% on a specific KIP 7100 system's email address.

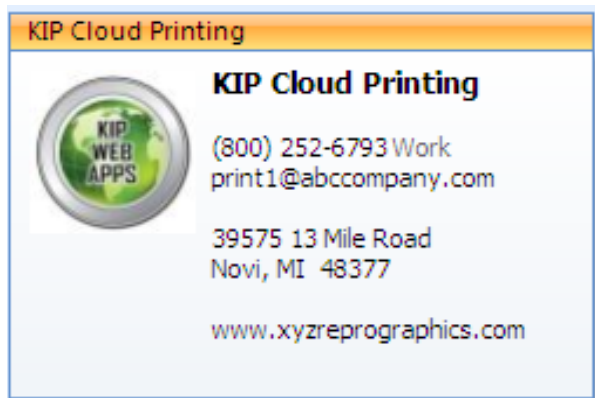
The KIP cloud print user simply attaches files and sends the email – the printing instructions are preset to the user's preferences.

Preset Print Information:

- File Name
- Media
- Copy Count
- Size

The KIP vCard contains all necessary information, including printer Email address and easy keyword printing preferences.

[A sample vCard is available for download from the KIP Apps Store.](#)



Email Business Card in vCard format



The Email Business Card contains system information expanded information and formatting instructions



Frequently Asked Questions

KIP Cloud Printing accelerate the transition to cloud printing by offering solutions that provide customers with more flexible, agile printing services.

Q: What is a vCard?

A: vCard is the file format standard for electronic business cards. They can be customized and attached to e-mail messages, or distributed on the Web. In this case, the KIP vCard is customized with preset print preferences.

Q: What web browsers are compatible with KIP Cloud Printing?

A: KIP Cloud Printing is integrated with ALL major web browsers to provide a full range of features, regardless of the user's preferred browsing application.

Q: What Email providers are compatible with KIP Cloud Printing?

A: KIP Cloud printing are compatible with all POP 3 & IMAP Email protocols, regardless of whether they are on the internet or on a corporate intranet.

Q: Is KIP Cloud Printing easy to use?

A: An Email business card in standard .vcf format is used to distribute contact information for the KIP printers. The Email Business Card contains all necessary information, including printer Email address, key words, frequently asked questions and a formatting example illustrating proper Email layout.

A sample .vcf template is available for download from the KIP Apps Store.

Q: Who has control of my sensitive information?

A: Only you. Unlike any other wide format cloud printing applications, KIP Cloud Printing does not retain your files or utilize any sort of intermediary file storage. Your files are under your control from Email creation right through to the last print out.

Q: What file types can I print?

A: All types of printable file formats are compatible with KIP Cloud printing. These files types include:

Raster Color: TIF, JPG, JPG2000, PNG, BMP, GIF, PCX, TGA, RLE/RLC

Raster Mono: TIF Group 3 and 4, Cals Group 4, Grayscale TIF, Intergraph CIT/TG4, Government C4



Vector

Vector Color/Mono: HPGL, HPGL/2, HP-RTL, Postscript (PS/EPS), PDF, DWF, Multipage PDF and DWF

Q: How many files can I send?

A: The number of files that may be attached and sent via KIP Cloud printing is limited only by your corporate Email server settings/Email provider.

Q: Is there a size limit to attachments?

A: The total size of files in MB that may be attached and sent via KIP Cloud printing is limited only by your corporate Email server settings/Email provider.

Q: Can I specify any special printing instructions in the Email?

A: The sender of the KIP Cloud Print Email can easily enter printing instructions in the body of the Email by utilizing preset keywords, including media type, size & number of copies for limitless customization. A single set of instructions can be applied to all files or individual instructions can be specified for each attachment.

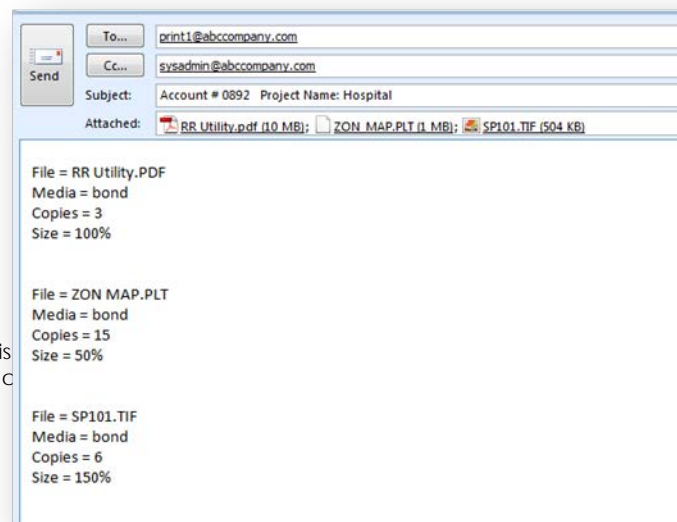
Q: How do I know when a file has been sent to the KIP system?

A: When an Email with a file attachment arrives, the KIP system automatically dispatches Email notification to any number of designated recipients. This is setup via KIP PrintNet by a system administrator.

Q: Does the KIP cost calculator work with KIP Cloud Printing?

A: KIP Cloud Printing is fully integrated with the KIP cost calculator, providing the ability to generate up to the minute production reports that can be sent to any connected device for viewing or printing.

KIP Cloud Print Email – Formatting Example:



This information is copied, reproduced

part of this publication may be from KIP. © 2012 KIP. vii_iv

KIP Cloud Apps





U.S.A. ■ Phone: (800) 252-6793 ■ Email: info@kipamerica.com ■ Website: www.kip.com

CANADA ■ Phone: (800) 653-7552 ■ Email: info@kipcanada.com ■ Website: www.kip.com

KIP is a registered trademark of the KIP Group. All other product names mentioned herein are trademarks of their respective companies. All product features and specifications are subject to change without notice. Complete product specifications are available upon request.