KONICA MINOLTA

Print Utility for UNIX®

User's Guide

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Table of Contents

Chapter One

Introduction

Introduction

Print Utility for UNIX is a printer utility for users running a UNIX/Linux operating system. Print Utility for UNIX is fully customizable and easy to use. This user's manual is intended to show you how to set up Print Utility for UNIX once it is installed and how to configure Print Utility for UNIX for your Printer/MFP. For more information about your Printer/MFP, please refer to the User's Reference Guide provide with your specific machine.

Print Utility for UNIX has three forms:

KP (Print):
An interactive command line utility.

KPALIAS (Print Alias):
A version of KP that allows you to select your desired printing options and save them as a single "command" for later use.

KPP (Print Pop-up):
A version of KP that appears within a "pop-up" window when invoked by an application.

Print Utility for UNIX allows you to print PostScript® and text-based files. With PostScript® files, Print Utility for UNIX allows you to use any of the finishing options associated with your Printer/MFP, so that you may take advantage of all features that your Printer/MFP offers.

With text-based documents, Print Utility for UNIX not only allows you to use finishing options, but also allows you to make basic formatting changes (font size, lines per page, etc.) to modify the physical layout of the file you are printing.

Introduction

FEATURES OF PRINT UTILITY FOR UNIX:

- Works with PostScript Printers/MFPs.

- Provides all of a printer's finishing capabilities specified by the printer's PPD file.

- Allows you to select features via a text-based menu system, which is accessible from a console, terminal or X-terminal window. (KP)

- Allows font style and size selections for text documents.

- Provides control over the number of characters per line as well as the number of lines per page for text documents.

- Prints text documents in portrait or landscape orientation.

- Allows you to save often-used print settings for repeated use (KPALIAS).

- Allows supported applications to invoke KP instead of lp (KPP).

Print Utility for UNIX is Supported on the Following Platforms:

- Sun Solaris 7, 8, 9 and 10 (Sparc, x86)

- IBM-AIX 5L V5.1 or more (Power)

- HP-UX 11.11 or more (PA-RISC, Itanium2)

- Red Hat Linux 8 & 9

- Red Hat Enterprise Linux 2.1 , 3 , 4 and 5 (x86)

- SuSE Linux Professional 9.2 and 9.3 (x86)

- SuSE Linux 10 (x86)

- Debian GNU/Linux 3.1 and 4.0 (x86)

Chapter Two

Installing
Print Utility for UNIX

Installing Print Utility for UNIX

Your Print Utility for UNIX distribution contains a readme.txt file that describes how to install Print Utility for UNIX on your platform. Please read this file before attempting installation. It contains information pertaining specifically to your individual distribution of Print Utility for UNIX that cannot be found in this manual.

Installation information will vary based upon the distribution of Print Utility for UNIX that you are installing. All the information necessary to install your Print Utility for UNIX distribution is contained in the readme.txt file.

To view the **readme.txt** file, use one of the following commands:

- **vi**
- **cat**
- **more**

Chapter Three

Before You Configure KP

Before You Configure KP

The following sections of this manual assume that you have an active printer established on your UNIX/Linux system and that you have installed Print Utility for UNIX.   If this is not the case, please create an active printer session for your system now and install Print Utility for UNIX.   Please refer to the **readme.txt** file that came with your Print Utility for UNIX distribution for detailed installation instructions (see page 5 for details).

The KP command is main utility of Print Utility for UNIX. You have to configure the KP first. The KPALIAS and KPP can be use after configuration of KP.

Since KP is fully customizable, its configuration will differ based upon the Printer/MFP that you use. The configuration in this manual is intended solely as a guide, from which you may learn the basis of configuration.

The configuration in this manual is based upon a bizhub C650 MFP with a LU-301 Paper Source Unit, a FS-608 Finisher, a PI-503 Cover Sheet Feeder, and a PK-512 Punch Kit

The bizhub C650 has many popular features that are available on other Printers/MFPs. The fundamental processes for configuring and using these features within KP are the same for all Printers/MFPs.

To properly configure your Printer/MFP, you need to know what Printer/MFP model you have and the optional accessories installed on it. If you are unsure about your printer and its installed accessories, please contact supplier of your Printer/MFP.

Before You Configure KP

PostScript® Printer Definition Files (PPD)

When configuring a printer for use with KP, you will be prompted to choose a PostScript Printer Definition file (PPD).   The following table lists those PPD files that are automatically installed along with KP. Please consult this table to ensure a PPD file is present for your printer.

If the print system you are using is not listed in this table, please contact supplier of your Printer/MFP to obtain the appropriate KP PPD file for your system.
Please add the PPD file to your system according to the instructions given in the **readme.txt** file provided with your KP distribution.

PPD Filename	Printer/MFP	PPD Filename	Printer/MFP
Ko43245u.ppd	IP-432 + PostScript Option 7145 MFP	KOC450U.ppd	embedded controller + PostScript bizhub C450, C450P
Ko51165u.ppd	IP-511 + PostScript Option 7155, 7165 engine	KOC351U.ppd	embedded controller + PostScript bizhub C351
Ko60175U.ppd	IP-601/601M + PostScript Option 7075, Force75 engine	KOC352U.ppd	embedded controller + PostScript bizhub C352/C352P/C300
Ko60285u.ppd	IP-602 + PostScript Option 7085 engine	KOC250U.ppd	embedded controller + PostScript bizhub C250, C250P
Ko42422u.ppd	IP-424 + PostScript Option bizhub 7222, 7322, 7228, 7235 MFP	KOC252U.ppd	embedded controller + PostScript bizhub C252
Ko51A65u.ppd	IP-511 Type A + PostScript Option 7255, 7272 MFP	KOC650U.ppd	embedded controller + PostScript bizhub C650/C550
KO1050U.ppd	embedded controller + PostScript bizhub PRO 1050/1050P	KOC451U.ppd	embedded controller + PostScript bizhub C451
KO920U.ppd	embedded controller + PostScript bizhub 920, PRO920	KOC353U.ppd	embedded controller + PostScript bizhub C353/C353P/C253/C203
KO750U.ppd	embedded controller + PostScript bizhub 750, 600	KO8650U.ppd	embedded controller + PostScript magicolor 8650
KO500U.ppd	embedded controller + PostScript bizhub 500/420/360		
KO350U.ppd	embedded controller + PostScript bizhub 350		
KO501U.ppd	embedded controller + PostScript bizhub 501/421/361		

Before You Configure KP

Important Information

To successfully complete your KP configuration, you will need to have specific information about your printing system readily available. This information is as follows:

- **Paper Source Unit:**   What type of paper source unit you have installed on your Printer/MFP.

- **Finisher:**   What type of finisher you have installed on your Printer/MFP.

- **Sheet Feeder:**   What type of sheet feeder you have installed on your Printer/MFP.

- **Punch Unit:**   What type of punch unit you have installed on your Printer/MFP.

It is important that you have this information available before you attempt to configure KP for use with your Printer/MFP.

Chapter Four

Configuring KP

Configuring KP

The following procedure outlines the steps necessary to configure a system printer for use with KP. Please note that you must have lp or root privileges to configure a printer.

1. Add a new printer to your UNIX/Linux system using the instructions given in your Print Utility for UNIX distribution's **readme** file.

2. Configure your new printer by using the **kpconfig** command. It will prompt you for the printer that you would like configure. Select the printer you have just added.

3. You will be asked to pick a PPD file that matches your printer. The list of PPD files installed is displayed.

4. You will be asked whether you want a Ctrl-D appended to each print job. Ctrl-D is the "end of job" command and it is not harmful to always send it. It is optional, as there are rare cases in which it may cause problems. You should choose to append Ctrl-D, unless you have a reason not too.

5. Finally, you will be prompted for "installable options." These are printer-specific options, which may be installed. Select the options that are installed on your printer.

> **FOR MORE INFORMATION, REFER TO THE SAMPLE**
>
> **CONFIGURATION PROVIDED ON PAGES 18-21.**

Configuring KP

Sample Configuration

Since KP is fully customizable, the exact configuration will differ based upon which printer/MFP you are using. The following are detailed, step-by-step instructions on how to configure a bizhub C650 for use with KP.

The bizhub C650 has many popular features that are available on other Printers/MFPs. The fundamental processes for configuring these features within KP are the same for other Printers/MFPs.

! **IMPORTANT:** This sample is intended solely as a guide, from which you may learn the basis for configuration.

The configuration in this sample is based upon a bizhub C650 with a LU-301 Paper Source Unit, a FS-608 Finisher, a PI-503 Sheet Feeder and a PK-512 Punch Unit.

! **IMPORTANT:** At any point during your use of KP or kpconfig, you may type Ctrl-C to cancel the settings you have made and return to the shell prompt. If you feel you have entered an incorrect selection, type Ctrl-C to exit.

! **IMPORTANT**: kpconfig will prompt you only for the options available for the printer that you specify during installation.

Sample Configuration (Continued)

1. Begin configuration with the **kpconfig** command. Typing -a after the **kpconfig** command will produce a list of printers available on your platform that you may configure.

   ```
   #  ./kpconfig -a
   ```

2. Choose the printer you would like to configure from the list provided by entering the number preceding the printer name.

   ```
   Printer choices
     1.  MFP01
     2.  C650
   Enter selection number for Printer: 2
   ```

   ! **IMPORTANT:** The **kpconfig** command assumes that you have already installed your printer. **kpconfig** is for currently existing system printers only. If you do not see your printer in the printer choices list, refer to the **readme.txt** file for your specific UNIX/Linux distribution for instructions on how to add a system printer.

3. The following list of available PPD files will appear. Please refer to page 12 for a complete list of the available kp PPD files.

   ```
   Installed PPD files
     1.  /etc/lp/ppd/KO1050U.ppd
     2.  /etc/lp/ppd/KO350U.ppd
     3.  /etc/lp/ppd/KO500U.ppd
     4.  /etc/lp/ppd/KO750U.ppd
     5.  /etc/lp/ppd/KO920U.ppd
     6.  /etc/lp/ppd/KOC650U.ppd
     7.  /etc/lp/ppd/KOC451U.ppd
                     .
                     .
                     .
    21.  /etc/lp/ppd/Ko51A65u.ppd
    22.  /etc/lp/ppd/Ko42322U.ppd
    23.  /etc/lp/ppd/Ko42422u.ppd
    24.  /etc/lp/ppd/Ko43145u.ppd
    25.  /etc/lp/ppd/Ko51165u.ppd

   Enter selection number for PPD file: 6
   ```

   In this case, since we are using a bizhub C650, the selection needed is 6.

Sample Configuration (Continued)

> **NOTE:** At this point in the configuration, specific information about your printer is now necessary to complete your configuration.

4. You will be asked whether you would like to append a **Ctrl-D** command to the end of your files. This is an end-of-file marker, and we recommend that you type Y for this question.

```
Do you want a Ctrl-D to be appended to each print job? [y|n] Y
```

> **Next you will be prompted to answer a series of questions**
>
> **about your Printer/MFP.**

5. Model. You will be asked which model of Printer/MFP you have.

```
Model choices
  1.  C650 (default)
  2.  C550
Enter selection number for Model [1]: 1
```

In this case, we have a C650, so the proper entry is 1.

> **NOTE:** The Model choice is not always asked.   Some other models you will not be asked what type of model you have.   In this case, we have a C650, so be asked model.

6. Paper Source Unit. You will be asked what type of Paper Source Unit you have installed on your Printer/MFP.

```
Paper Source Unit choices
  1.  None (default)
  2.  LU-301
Enter selection number for Paper Source Unit [1]: 2
```

In this case, we have a LU-301 Paper Source Unit, so the proper entry is 2.

7. Finisher. You will be asked what type of finisher you have installed on your Printer/MFP.

```
Finisher Installed choices
  1.  No Finisher (default)
  2.  FS-517
  3.  FS-608
Enter selection number for Finisher Installed [1]: 3
```

In this case, we have a FS-608 Finisher, so the proper entry is 3.

Sample Configuration (Continued)

8. Cover Sheet Feeder. You will be asked what type of cover sheet feeder you have installed on your Printer/MFP.

```
Cover Sheet Feeder choices
  1.  None (default)
  2.  PI-503
Enter selection number for Cover Sheet Feeder [1]: 2
```

In this case, we have a PI-503 Cover Sheet Feeder installed, so the proper entry is 2.

9. Punch Unit. You will be asked what type of punch unit you have installed on your Printer/MFP.

```
Punch Unit choices
  1.  None (default)
  2.  PK-511
  3.  PK-512 (2-Hole)
  4.  PK-512 (2/3-Hole)
  5.  PK-512 (2/4-Hole)
  6.  PK-513
Enter selection number for Punch Unit [1]: 3
```

In this case, we have a PK-512 (2-Hole) Punch Unit, so the proper entry is 3.

10. Hard Disk. You will be asked whether you have a Hard Disk installed on your Printer/MFP.

```
Hard Disk choices
  1.  None
  2.  Installed (default)
Enter selection number for Hard Disk [1]: 2
```

In this case, we have a hard disk installed, so the proper entry is 2.

Completing Your Configuration

Completing step 10 will return you to the shell prompt. When you are returned to the shell prompt, configuration is complete.

If you believe that you have made a mistake when installing or configuring your printer, use the following commands:

./kpconfig –l	Lists all printers configured for KP and the configurations established for each printer.
./kpconfig -d [printer name]	Deletes a printer configuration from your system, so that you may and reconfigure your system.

Chapter Five

Printing with KP

Printing with KP

! **IMPORTANT:** Printing is based upon the options that you chose when you configured your printer/MFP with the kpconfig command. The options listed when you print differ for each type of Printer/MFP that you install. This is a basic sample, offered as an example.

! **IMPORTANT:** Print Utility for UNIX offers many features, all of which can also be invoked from the command line. For more information about these features, as well as command line invocation, please reference the man page, by typing **kp man** at the shell prompt

NOTE: The menus and options listed in the following printing samples are based upon the configurations completed in the previous Sample Configuration.

1. To begin your printing session, type **kp** at the shell prompt.

```
#  kp
Print Utility for UNIX Version 1.8 – Interactive Print Utility
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TECHNOLOGIES, INC. All rights reserved.
```

2. You are asked to choose the printer to which you want to print. Enter the number corresponding to the Printer/MFP to which you want your print jobs sent.

```
Printer choices
  1.  MFP01
  2.  C650
Enter selection number for Printer: 2
```

In this case, we are printing to the bizhub C650, so the proper entry is 2.

3. You are asked to enter the name of the file that you would like to print.

```
Enter file(s) to print: sample.txt
```

In this case, we are going to print the **sample.txt** text file. If the file does not exist in your current working directory, you may enter the entire path name to the file (example: /home/pubs/sample.txt).

4. You are asked how many copies you would like to print. Enter the number of copies.

```
Number of copies to print: 1
```

In this case, we only want one copy, so the proper entry is 1.

5. You are prompted with Printer Options. Here you can set up your document based upon the settings you made in your initial configuration. The list below includes Printer Options for the Sample Configuration which was completed on page 18-21.

```
Printer Options            Current Value
===============            =============
1.  Output Method          Print
6.  Authentication Type    Authentication OFF
12. Collate                On
13. Paper Tray             Auto
14. Bypass Tray            Off
15. Paper Type             Plain Paper
16. Paper Size             8 1/2x11
17. Offset                 Off
18. Output Tray            Default
19. Binding Position       Left Bind
20. Print Type             1-Sided
21. Combination            Off
22. Staple                 Off
23. Punch                  Off
24. Fold                   Off
25. Front Cover            Off
26. Front Cover Tray       Off
27. Back Cover             Off
28. Back Cover Tray        Off
29. PI Front Cover         Off
30. PI Back Cover          Off
31. Transparency Interleave Off
32. Interleave Tray        Off
33. Output Method          Default
34. Resolution             600dpi
35. Select Color           Full Color
36. Glossy Mode            Off
37. Color Settings         Document
38. Color Matching (Text)  Auto
39. Pure Black (Text)      Auto
40. Screen (Text)          Auto
41. Color Matching (Photo) Auto
42. Pure Black (Photo)     Auto
43. Screen (Photo)         Auto
44. Smoothing (Photo)      Auto
45. Color Settings (Graphic)Auto
46. Smoothing (Graphic)    Auto
47. Orientation            Portrait
48. Text Font              Helvetica
49. Text Font Size         10
50. Text Line Width        80
51. Text Lines Per Page    66
52. Text Tab Size          8
```

The list of options is arranged with the function on the left and the current value on the right. Lists display 10 options at a time. To view more options, press Return. To change the settings for a Printer Option, type the number of the Option at the prompt and press Return.

These are the options available for our Sample Configuration, the bizhub C650 with the features we specified. Your printer/MFP may have different options.

For more information about what each feature is and what it can do, please refer to the User's Reference Guide provided with your Printer/MFP.

NOTE: **Output Method** and **Authentication Type** options do not always appear in a selectable list. In some other old models, these options do not appear in the list. In this case, we have bizhub C650, so these options appear in the list.

NOTE: With **PostScript® files,** KP allows you to use any and all finishing options associated with your Printer/MFP, so that you may take advantage of all finishing features that your Printer/MFP offers.

NOTE: With **text-based documents**, KP does not only allow you to use finishing options, but also allows you to make basic formatting changes (font size, lines per page, etc.) to modify the physical layout of the file you are printing.

The following procedures outline the step to change the setting of Printer Option.

1.   Type the number of the Option at the prompt and press Return

2.   A new menu with choices for that specific option will be displayed.

3.   Make the desired selection and press Return to go back to the Printer Options list

4.   Current value displayed on the right has changed in the Printer Options list

Listed here are basic usages.

- Lists display 10 options at a time. To view more options, press **Return**.

- Whenever Printer Options List is displayed, you may enter **P** to print.

- At any time, you may enter **Ctrl-C**, to cancel your operation and return to your initial prompt.

NOTE: Defaults are contained in brackets before the prompt and denoted in parentheses after the description. Press **Return** at a section's prompt to retain defaults in the section and return to the Printer Options List.

The detail of each setting of Printer Options is described from the next page

Printing with KP

Printer Options

1. **Output Method**

   To access your choices for the Output Method feature, enter **1** at the Printer Options List. The choices you will see are as follows:

   ```
   Output Method choices
      1.  Print (default)
      2.  Secure Print
      3.  Save in User Box
      4.  Save in User Box and Print
   Enter selection number for Output Method [1]:
   ```

   To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

   → **Selects the method for outputting a document with a printer.**

   Print (default)
   > Select when printing normally.

   Secure Print
   > Select when printing highly confidential documents. The print job can be printed by the printer if the ID and password are entered from the printer's control panel.
   >
   > When you chose this, specify the necessary settings of the following.
   > ```
   >    2. Secure Print ID
   >    3. Secure Print Password
   > ```

   Save in User Box
   > Select to save the print job on the hard disk of the printer.
   >
   > When you chose this, specify the necessary settings of the following.
   > ```
   >    4. User Box Number
   >    5. Save File Name
   > ```

   Save in User Box and Print
   > Select to save the print job on the hard disk of the printer at the same time that it is printed.
   >
   > When you chose this, specify the necessary settings of the following.
   > ```
   >    4. User Box Number
   >    5. Save File Name
   > ```

   For more information about Output Method settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

2. **Secure Print ID**

When you chose "Secure Print" in the "Output Method", this option appears.

```
Printer Options                    Current Value
===============                    =============
  1. Output Method                 Secure Print
  2. Secure Print ID               No Setting
  3. Secure Print Password         No Setting
  6. Authentication Type           Authentication OFF
Enter option number, P to print, or RETURN for more options: 2
```

To access the Secure Print ID, enter **2** at the Printer Options List.

```
Enter Secure Print ID [No Setting]:
```

To set the value, enter the Secure Print ID; pressing **Return** will take you back to the Printer Options List.

→ **Type in the ID for the Secure Print operation.**

→ **Specify the necessary settings when "Secure Print" is selected.**

3. **Secure Print Password**

When you select "Secure Print" in the "Output Method", this option appears.

```
Printer Options                    Current Value
===============                    =============
  1. Output Method                 Secure Print
  2. Secure Print ID               No Setting
  3. Secure Print Password         No Setting
  6. Authentication Type           Authentication OFF
Enter option number, P to print, or RETURN for more options: 3
```

To access the Secure Print Password, enter **3** at the Printer Options List.

```
Enter Secure Print Password [No Setting]:
```

To set the value, enter the Secure Print Password; pressing **Return** will take you back to the Printer Options List.

→ **Type in the password for the Secure Print operation.**

→ **Specify the necessary settings when "Secure Print" is selected.**

Printer Options

4. **User Box Number**

When you chose "Save in User Box" or "Save in User Box and Print" in the "Output Method", this option appears.

```
Printer Options                    Current Value
===============                    =============
  1. Output Method                 Save in User Box
  4. User Box Number               No Setting
  5. Save File Name                No Setting
  6. Authentication Type           Authentication OFF
Enter option number, P to print, or RETURN for more options: 4
```

To access the User Box Number, enter **4** at the Printer Options List.

```
Enter User Box Number [No Setting]:
```

To set the value, enter the User Box Number; pressing **Return** will take you back to the Printer Options List.

> → **Type in the number of the user box where data are to be saved.**
> → **Specify the necessary settings when saving the print job on the hard disk of the printer. In order to use this setting, a user box must be registered on the printer in advance.**

5. **Save File Name**

When you select "Save in User Box" or "Save in User Box and Print" in the "Output Method", this option appears.

```
Printer Options                    Current Value
===============                    =============
  1. Output Method                 Save in User Box
  4. User Box Number               No Setting
  5. Save File Name                No Setting
  6. Authentication Type           Authentication OFF
Enter option number, P to print, or RETURN for more options: 5
```

To access the Save File Name, enter **5** at the Printer Options List.

```
Enter Save File Name [No Setting]:
```

To set the value, enter the Save File Name; pressing **Return** will take you back to the Printer Options List.

> → **Type in the file name for the print job to be saved in the user box.**
> → **Specify the necessary settings when saving the print job on the hard disk of the printer. In order to use this setting, a user box must be registered on the printer in advance.**

Printer Options

6. **Authentication Type**

To access your choices for the Authentication Type feature, enter **6** at the Printer Options List. The choices you will see are as follows:

```
Authentication Type choices
   1.  Authentication OFF (default)
   2.  Public User
   3.  Recipient User
   4.  Account Track Only
   5.  Account Track & Public User
   6.  Account Track & Recipient User
Enter selection number for Authentication Type [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

⟶ **If user authentication or account track settings have been specified on the printer, type in the information registered on the printer.**

Authentication OFF (default)
Select when neither of the setting of "User Authentication" and "Account Track" have been specified on the printer.

Public User
Select when only the setting of "User Authentication" has been specified on the printer and users access the printer as Public users

Recipient User
Select when only the setting of "User Authentication" has been specified on the printer and users access the printer as registered users

When you select this, specify the necessary settings of the following.
```
   7. Authentication User Name
   8. Authentication Password
```

When the setting of "External Server Authentication" has been specified on the printer, specify the necessary settings of the following.
```
   9. Authentication Server Setting
```

Account Track Only
Select when only the setting of "Account Track" has been specified on the printer.

When you select this, specify the necessary settings of the following.
```
  10. Department Name
  11. Department Password
```

Account Track & Public User

Select when both of the setting of "User Authentication" and "Account Track" have been specified on the printer and users access the printer as Public users

When you chose this, specify the necessary settings of the following.
```
10. Department Name
11. Department Password
```

Account Track & Recipient User

Select when both of the setting of "User Authentication" and "Account Track" have been specified on the printer and users access the printer as registered users.

When you chose this, specify the necessary settings of the following.
```
 7. Authentication User Name
 8. Authentication Password
10. Department Name
11. Department Password
```

When the setting of "External Server Authentication" has been specified on the printer, specify the necessary settings of the following.
```
 9. Authentication Server Setting
```

For more information about Authentication Type settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

7. **Authentication User Name**

When you chose "Recipient User" or "Account Track & Recipient User" in the "Authentication Type", this option appears.

```
Printer Options                      Current Value
===============                      =============
   1. Output Method                  Print
   6. Authentication Type            Recipient User
   7. Authentication User Name       No Setting
   8. Authentication Password        No Setting
   9. Authentication Server Setting  None
Enter option number, P to print, or RETURN for more options: 7
```

To access the Authentication User Name, enter **7** at the Printer Options List.

```
Enter Authentication User Name [No Setting]:
```

To set the value, enter the Authentication User Name; pressing **Return** will take you back to the Printer Options List.

> → **Type in the registered user name on the printer.**
> → **If user authentication settings have been specified on the printer, registered user information must be entered.**

8. **Authentication Password**

When you chose "Recipient User" or "Account Track & Recipient User" in the "Authentication Type", this option appears.

```
Printer Options                      Current Value
===============                      =============
   1. Output Method                  Print
   6. Authentication Type            Recipient User
   7. Authentication User Name       No Setting
   8. Authentication Password        No Setting
   9. Authentication Server Setting  None
Enter option number, P to print, or RETURN for more options: 8
```

To access the Authentication Password, enter **8** at the Printer Options List.

```
Enter Authentication Password [No Setting]:
```

To set the value, enter the Authentication Password; pressing **Return** will take you back to the Printer Options List.

> → **Type in the registered user password on the printer.**
> → **If user authentication settings have been specified on the printer, registered user information must be entered.**

Printer Options

9. **Authentication Server Setting**

When you chose "Recipient User" or "Account Track & Recipient User" in the "Authentication Type", this option appears.

```
Printer Options                  Current Value
===============                  =============
  1. Output Method               Print
  6. Authentication Type         Recipient User
  7. Authentication User Name    No Setting
  8. Authentication Password     No Setting
  9. Authentication Server Setting  None
Enter option number, P to print, or RETURN for more options: 7
```

To access your choices for the Authentication Server Setting, enter **9** at the Printer Options List. The choices you will see are as follows:

```
Authentication Server Setting choices
  1.  None (default)
  2.  Server No 1
  3.  Server No 2
  4.  Server No 3
  5.  Server No 4
  6.  Server No 5
  7.  Server No 6
      .
      .
      .
 19.  Server No 18
 20.  Server No 19
 21.  Server No 20
Enter selection number for Authentication Server Setting [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Specify the registered authentication server with the printer, when the setting of "External Server Authentication" has been specified on the printer.**

→ **In an environment containing multiple user authentication servers, select which of the user authentication servers registered with the printer is used to perform authentication.**

→ **In some other old models, this option not appears in the list.**

Printer Options

10. **Department Name**

When you chose "Account Track Only", "Account Track & Public User" or "Account Track & Recipient User" in the "Authentication Type", this option appears.

```
Printer Options                 Current Value
===============                 =============
  1. Output Method              Print
  6. Authentication Type        Account Track Only
 10. Department Name            No Setting
Enter option number, P to print, or RETURN for more options: 10
```

To access the Department Name, enter **10** at the Printer Options List.

```
Enter Department Name [No Setting]:
```

To set the value, enter the Department Name; pressing **Return** will take you back to the Printer Options List.

→ **Type in the registered department name on the printer.**

→ **If account track settings have been specified on the printer, registered account information must be entered.**

11. **Department Password**

When you chose "Account Track Only", "Account Track & Public User" or "Account Track & Recipient User" in the "Authentication Type", this option appears.

```
Printer Options                 Current Value
===============                 =============
 11. Department Password        No Setting
 12. Collate                    On
 13. Paper Tray                 Auto
        .
        .
        .
Enter option number, P to print, or RETURN for more options: 11
```

To access the Department Password, enter **11** at the Printer Options List.

```
Enter Department Password [No Setting]:
```

To set the value, enter the Department Password; pressing **Return** will take you back to the Printer Options List.

→ **Type in the registered department password on the printer.**

→ **If account track settings have been specified on the printer, registered account information must be entered.**

Printer Options

12. **Collate**

To access your choices for the Collate feature, enter **12** at the Printer Options List. The choices you will see are as follows:
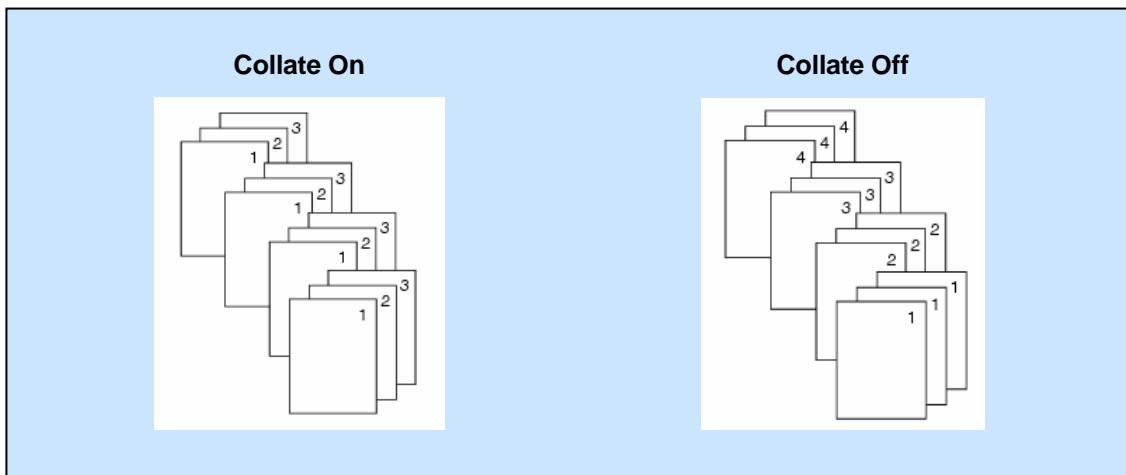
```
Collate choices
  1.  Off
  2.  On (default)
Enter selection number for Collate [2]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Collate On: When multiple copies are printed, each copy is sorted by the document.**

For more information about Collate settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

13. **Paper Tray**

To access your choices for the Paper Tray feature, enter **13** at the Printer Options List. The choices you will see are as follows:

```
Paper Tray choices
  1.  Auto (default)
  2.  Tray 1
  3.  Tray 2
  4.  Tray 3
  5.  Tray 4
Enter selection number for Paper Tray [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Select the paper tray used for printing.**

For more information about Paper Tray settings, refer to the User's Reference Guide included with your Printer/MFP.

14. **Bypass Tray**

To access your choices for the Bypass Tray feature, enter **14** at the Printer Options List. The choices you will see are as follows:

```
Bypass Tray choices
  1.  Off (default)
  2.  On
Enter selection number for Bypass Tray [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **To choose to manually feed special paper into the printer, choose On. To have paper selected from an available tray, choose Off (default). Use this mode if you have selected a specific type of paper in option 15 (Paper Type) and need to direct the printer to the tray in which that paper type is contained.**

For more information about Bypass Tray settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

15. **Paper Type**

   To access your choices for the Paper Type feature, enter **15** at the Printer Options List. The choices you will see are as follows:

   ```
   Paper Type choices
     1.  Plain Paper (default)
     2.  Plain Paper (Duplex Side 2)
     3.  Thick 1
        .
        .
        .
   Enter selection number for Paper Type [1]:
   ```

   To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

   → **Paper Type selection allows you to set the printer to print on a specific type of paper. For best results, use only the recommended paper.**

   For more information about Paper Type settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

16. **Paper Size**

To access your choices for the Paper Size feature, enter **16** at the Printer Options List. The choices you will see are as follows:

```
Paper Size choices
  1.  A3
  2.  A4
  3.  A5
  4.  A6
  5.  B4
  6.  B5
  7.  B6
        .
        .
        .
 12.  8 1/2x11 (default)
 13.  5 1/2x8 1/2
 14.  8x13
        .
        .
        .

      Enter selection number for Paper Size [12]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→   **Select the paper size for printing.**

For more information about Paper Size settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

17. **Offset**

To access your choices for the Offset feature, enter **17** at the Printer Options List. The choices you will see are as follows:
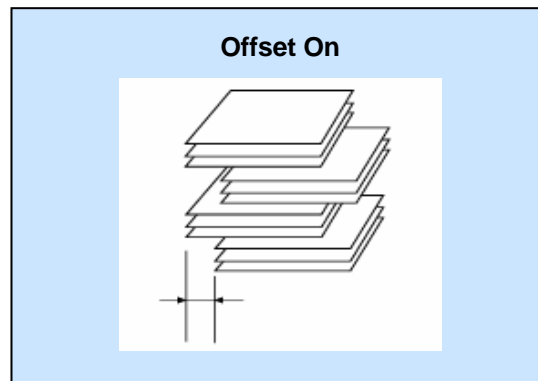
```
Offset choices
  1.  Off (default)
  2.  On
Enter selection number for Offset [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→　　**Offset On: when multiple copies are printed, each copy is fed out slightly shifted.**

Offset On

For more information about Offset settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

18. **Output Tray**

To access your choices for the Output Tray feature, enter **18** at the Printer Options List. The choices you will see are as follows:

```
Output Tray choices
   1.  Default (default)
   2.  Main Tray
   3.  Sub Tray
Enter selection number for Output Tray [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→   **Select the output tray for the paper.**

For more information about Output Tray settings, refer to the User's Reference Guide included with your Printer/MFP.

19. **Binding Position**

To access your choices for the Binding Position feature, enter **19** at the Printer Options List. The choices you will see are as follows:

```
Binding Position choices
   1.  Left Bind (default)
   2.  Top Bind
   2.  Right Bind
Enter selection number for Binding Position [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→   **Select the position of the document binding.**

For more information about Binding Position settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

20. **Print Type**

To access your choices for the Print Type feature, enter **20** at the Printer Options List. The choices you will see are as follows:
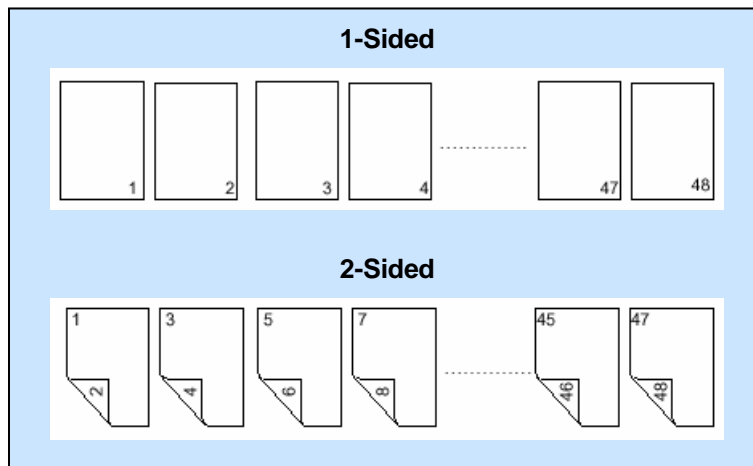
```
Print Type choices
  1.  1-Sided (default)
  2.  2-Sided
Enter selection number for Print Type [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Select the number of paper sides that are printed.   1-Side is printing on one side of paper.   2-Side is printing both side of paper.**

For more information about Print Type settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

21. **Combination**

To access your choices for the Combination feature, enter **21** at the Printer Options List. The choices you will see are as follows:
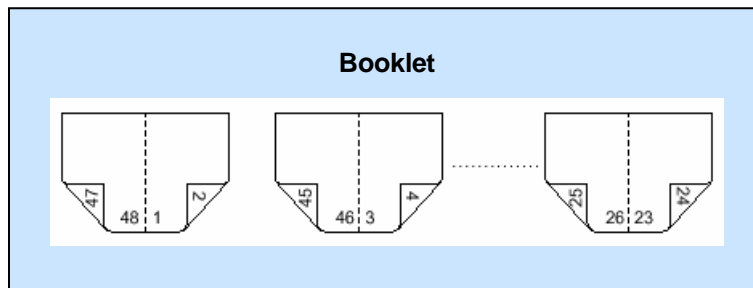
```
Combination choices
  1.  Off (default)
  2.  Booklet
Enter selection number for Combination [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→   **Prints two pages on each side of the paper.   The page order is arranged so that collecting the printed pages and folding them in half creates a booklet.**

Booklet

For more information about Combination settings, refer to the User's Reference Guide included with your Printer/MFP.

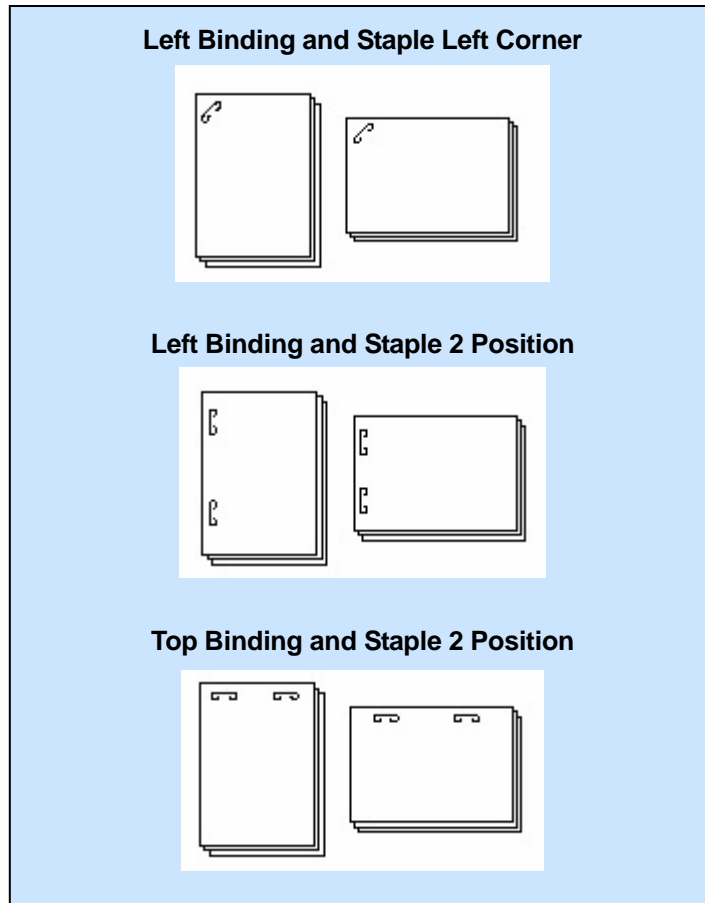**Printer Options**

22. **Staple**

To access your choices for the Staple feature, enter **22** at the Printer Options List. The choices that you will see are as follows:

```
Staple choices
  1.  Off (default)
  2.  Left Corner
  3.  Right Corner
  4.  2 Position
Enter selection number for Staple [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Staple the paper together. The stapling position can be changed by changing the setting specified for "Binding Position".**

Left Binding and Staple Left Corner

Left Binding and Staple 2 Position

Top Binding and Staple 2 Position

For more information about Staple settings, please refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

23. **Punch**

To access your choices for the Punch feature, enter **23** at the Printer Options List. The choices that you will see are as follows:

```
Punch choices
  1.  Off (default)
  2.  2-Hole
Enter selection number for Punch [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Punches holes in the paper.   The punched hole position can be changed by changing the setting specified for "Binding Position".**

For more information about Punch settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

24. **Fold**

To access your choices for the Fold feature, enter **24** at the Printer Options List. The choices that you will see are as follows:
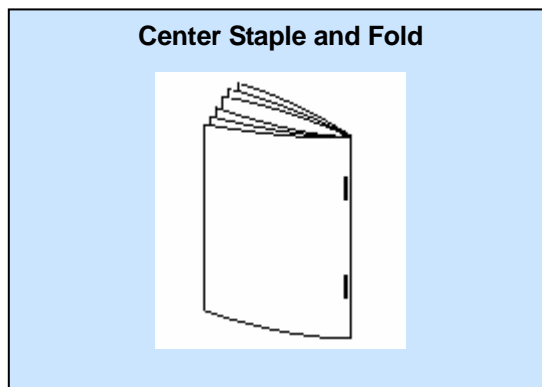
```
Fold choices
  1.  Off (default)
  2.  Center Staple and Fold
  3.  Half-Fold
  4.  Tri-Fold
Enter selection number for Fold [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Fold the paper before feeding out**

→ **Center Staple and Fold is to fold the booklets and bind them with staples.**

Center Staple and Fold

For more information about Fold settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

25. **Front Cover**

To access your choices for the Front Cover feature, enter **25** at the Printer Options List. The choices you will see are as follows:

```
Front Cover choices
  1.  Off (default)
  2.  Print
  3.  Blank
Enter selection number for Front Cover [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Adds a cover page to the beginning of the document.**

For more information about Front Cover settings, refer to the User's Reference Guide included with your Printer/MFP.

26. **Front Cover Tray**

To access your choices for the Front Cover Tray feature, enter **26** at the Printer Options List. The choices you will see are as follows:

```
Front Cover Tray choices
  1.  Off (default)
  2.  Tray 1
  3.  Tray 2
  4.  Tray 3
  5.  Tray 4
  7.  Bypass Tray
Enter selection number for Front Cover Tray [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Specify the paper tray with the paper for the front cover page.**

For more information about Front Cover Tray settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

27. **Back Cover**

To access your choices for the Back Cover feature, enter **27** at the Printer Options List. The choices you will see are as follows:

```
Back Cover choices
  1.  Off (default)
  2.  Print
  3.  Blank
Enter selection number for Back Cover [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→   **Adds a cover page to the end of the document.**

For more information about Back Cover settings, refer to the User's Reference Guide included with your Printer/MFP.

28. **Back Cover Tray**

To access your choices for the Back Cover Tray feature, enter **28** at the Printer Options List. The choices you will see are as follows:

```
Back Cover Tray choices
  1.  Off (default)
  2.  Tray 1
  3.  Tray 2
  4.  Tray 3
  5.  Tray 4
  7.  Bypass Tray
Enter selection number for Back Cover Tray [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→   **Specify the paper tray loaded with the paper for the back cover page.**

For more information about Back Cover Tray settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

29. **PI Front Cover**

To access your choices for the PI Front Cover feature, enter **29** at the Printer Options List. The choices you will see are as follows:

```
PI Front Cover choices
  1.  Off (default)
  2.  PI Tray 1
  3.  PI Tray 2
Enter selection number for PI Front Cover [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Adds a cover sheet to the beginning of the document. Load the paper for the cover sheet from the optional PI tray.**

For more information about PI Front Cover settings, refer to the User's Reference Guide included with your Printer/MFP.

30. **PI Back Cover**

To access your choices for the PI Back Cover feature, enter **30** at the Printer Options List. The choices you will see are as follows:

```
PI Back Cover choices
  1.  Off (default)
  2.  PI Tray 1
  3.  PI Tray 2
Enter selection number for PI Back Cover [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Adds a cover sheet to the end of the document. Load the paper for the cover sheet from the optional PI tray.**

For more information about PI Back Cover settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

31. **Transparency Interleave**

    To access your choices for the Transparency Interleave feature, enter **31** at the Printer Options List. The choices you will see are as follows:

    ```
    Transparency Interleave choices
      1.  Off (default)
      2.  Blank
    Enter selection number for Transparency Interleave [1]:
    ```

    To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

    → **Inserts paper between each printed transparency.**

    For more information about Transparency Interleave settings, refer to the User's Reference Guide included with your Printer/MFP.

32. **Interleave Tray**

    To access your choices for the Interleave Tray feature, enter **32** at the Printer Options List. The choices you will see are as follows:

    ```
    Interleave Tray choices
      1.  Off (default)
      2.  Tray 1
      3.  Tray 2
      4.  Tray 3
      5.  Tray 4
    Enter selection number for Interleave Tray [1]:
    ```

    To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

    → **Select the output tray for the paper to be inserted.**

    For more information about Interleave Tray settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

33. **Wait Mode**

To access your choices for the Wait Mode feature, enter **33** at the Printer Options List. The choices you will see are as follows:

```
Wait Mode choices
  1.  Default (default)
  2.  Off
  3.  Proof Print
Enter selection number for Wait Mode [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

> → **Use Proof Print mode to prevent misprinting a large number of copies. A single set is printed on this mode.**

For more information about Wait Mode settings, refer to the User's Reference Guide included with your Printer/MFP.

34. **Resolution**

To access your choices for the Resolution feature, enter **34** at the Printer Options List. The choices you will see are as follows:

```
Resolution choices
  1.  600dpi (default)
Enter selection number for Resolution [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

> → **Specify the printing resolution and the screen used with the printer.**

For more information about Resolution settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

35. **Select Color**

To access your choices for the Select Color feature, enter **35** at the Printer Options List. The choices you will see are as follows:

```
Select Color choices
  1.  Full Color (default)
  2.  Gray Scale
Enter selection number for Select Color [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Select the printing color.   If "Gray Scale" is selected, a document prints in black and white.**

For more information about Select Color settings, refer to the User's Reference Guide included with your Printer/MFP.

36. **Glossy Mode**

To access your choices for the Glossy Mode feature, enter **36** at the Printer Options List. The choices you will see are as follows:

```
Glossy Mode choices
  1.  Off (default)
  2.  On
Enter selection number for Glossy Mode [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Prints with a glossy finish and the speed will be reduced.**

For more information about Glossy Mode settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

37. **Color Settings**

To access your choices for the Color Settings feature, enter **37** at the Printer Options List. The choices you will see are as follows:

```
Color Settings choices
  1.  Document (default)
  2.  Photo
  3.  DTP
  4.  Web
  5.  CAD
Enter selection number for Color Settings [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Specify the color settings mode according to the print application.**

For more information about Color Settings, refer to the User's Reference Guide included with your Printer/MFP.

38. **Color Matching (Text)**

To access your choices for the Color Matching (Text) feature, enter **38** at the Printer Options List. The choices you will see are as follows:

```
Color Matching (Text) choices
  1.  Auto (default)
  2.  Vivid
  3.  Photo
  4.  Colorimetric
Enter selection number for Color Matching (Text) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Select the color profile used for printing. If "Auto" is selected, the appropriate color profile is automatically selected.**

For more information about Color Matching (Text) settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

39. **Pure Black (Text)**

To access your choices for the Pure Black (Text) feature, enter **39** at the Printer Options List. The choices you will see are as follows:

```
Pure Black (Text) choices
  1.  Auto (default)
  2.  Off
  3.  On
Enter selection number for Pure Black (Text) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Use only the black toner to print the gray areas of a document being printed in color. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Pure Black (Text) settings, refer to the User's Reference Guide included with your Printer/MFP.

40. **Screen (Text)**

To access your choices for the Screen (Text) feature, enter **40** at the Printer Options List. The choices you will see are as follows:

```
Screen (Text) choices
  1.  Auto (default)
  2.  Gradation
  3.  Resolution
  4.  High Resolution
Enter selection number for Screen (Text) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Select the screen for printing. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Screen (Text) settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

41. **Color Matching (Photo)**

To access your choices for the Color Matching (Photo) feature, enter **41** at the Printer Options List. The choices you will see are as follows:

```
Color Matching (Photo) choices
  1.  Auto (default)
  2.  Vivid
  3.  Photo
  4.  Colorimetric
Enter selection number for Color Matching (Photo) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Select the color profile used for printing. If "Auto" is selected, the appropriate color profile is automatically selected.**

For more information about Color Matching (Photo) settings, refer to the User's Reference Guide included with your Printer/MFP.

42. **Pure Black (Photo)**

To access your choices for the Pure Black (Photo) feature, enter **42** at the Printer Options List. The choices you will see are as follows:

```
Pure Black (Photo) choices
  1.  Auto (default)
  2.  Off
  3.  On
Enter selection number for Pure Black (Photo) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Uses only the black toner to print the gray areas of a document being printed in color. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Pure Black (Photo) settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

43. **Screen (Photo)**

To access your choices for the Screen (Photo) feature, enter **43** at the Printer Options List. The choices you will see are as follows:

```
Screen (Photo) choices
  1.  Auto (default)
  2.  Gradation
  3.  Resolution
  4.  High Resolution
Enter selection number for Screen (Photo) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

> → **Select the screen for printing. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Screen (Photo) settings, refer to the User's Reference Guide included with your Printer/MFP.

44. **Smoothing (Photo)**

To access your choices for the Smoothing (Photo) feature, enter **44** at the Printer Options List. The choices you will see are as follows:

```
Smoothing (Photo) choices
  1.  Auto (default)
  2.  Off
  3.  Dark
  4.  Medium
  5.  Light
Enter selection number for Smoothing (Photo) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

> → **Smooth rough-looking photos and diagrams. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Smoothing (Photo) settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

45. **Color Settings (Graphic)**

To access your choices for the Color Settings (Graphic) feature, enter **45** at the Printer Options List. The choices you will see are as follows:

```
Color Settings (Graphic) choices
  1.  Auto (default)
  2.  Same as Settings for Text
  3.  Same as Settings for Photo
Enter selection number for Color Settings (Graphic) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Specify the color settings mode. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Color Settings (Graphic) settings, refer to the User's Reference Guide included with your Printer/MFP.

46. **Smoothing (Graphic)**

To access your choices for the Smoothing (Graphic) feature, enter **46** at the Printer Options List. The choices you will see are as follows:

```
Smoothing (Graphic) choices
  1.  Auto (default)
  2.  Same as Settings for Text
  3.  Same as Settings for Photo
Enter selection number for Smoothing (Graphic) [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Smooth rough-looking photos and diagrams. If "Auto" is selected, the appropriate setting is automatically selected in the "Color Settings".**

For more information about Smoothing (Graphic) settings, refer to the User's Reference Guide included with your Printer/MFP.

Printer Options

NOTE: The following selections will only appear when you are printing a text-based document. When printing a PostScript® document, these menu options do not appear.

47. **Orientation**

To access your choices for the Orientation feature, enter **47** at the Printer Options List. The choices you will see are as follows:

```
Orientation choices
   1.  Portrait (default)
   2.  Landscape
Enter selection number for Orientation [1]:
```

To change the setting, press the number of your choice; pressing **Return** will take you back to the Printer Options List.

→ **Portrait orients your page vertically. Landscape orients your page horizontally. Refer to the diagrams below.**
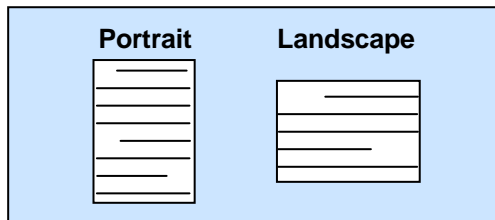
48. **Font**

To access your choices for the Font feature, enter **48** at the Printer Options List. You will see the following prompt:

```
Enter Text Font [Helvetica]:
```

To change the setting, type the Font of your choice. Pressing **Return** will take you back to the Printer Options List.

NOTE: The font must be typed exactly as it appears on the font list. A definitive font list can be printed directly from your printer (refer to your User's Reference Guide).

NOTE: If you want to change the Font and the Orientation, you must change the orientation first. If you change the Font, then the Orientation, the Font will return to its default setting.

Printer Options

49. **Font Size**

To access your choices for the Font Size feature, enter **49** at the Printer Options List.

```
Enter Text Font Size [10]:
```

To change the setting, enter the Font Size of your choice; pressing **Return** will take you back to the Printer Options List.

→ **This function allows you to change the point size of your font.**

50. **Text Line Width**

To access your choices for the Text Line Width feature, enter **50** at the Printer Options List.

```
Enter Text Line Width [80]:
```

To change the setting, enter the Text Line Width of your choice; pressing **Return** will take you back to the Printer Options List.

→ **This option allows you to change the amount of characters per line on your printed page.**

51. **Text Lines Per Page**

To access your choices for the Text Lines Per Page feature, enter **51** at the Printer Options List.

```
Enter Text Lines Per Page [66]:
```

To change the setting, enter the Text Lines Per Page of your choice; pressing **Return** will take you back to the Printer Options List.

→ **This option allows you to change the amount of lines on your printed page.**

52. **Tab Size**

To access your Tab Size selection, enter **52** at the Printer Options List.

```
Enter Text Tab Size [8]:
```

→ **This function allows you to change the amount of spaces your "tab" key spans on your printed document.**

To change the setting, enter the Tab Size of your choice; pressing **Return** will take you back to the Printer Options List.

Chapter Six

Using KP Alias

Using KP Alias

Description

KP Alias allows you to save printing parameters that you use often as a single command. KP Alias offers a simple way to print documents without manually making changes to each setting in the Printer Options list every time.

Creating a KP Alias

Listed here are the steps you would take to create an alias that will print a weekly-generated report with the following parameters.

- Printed on 8.5"x11" paper
- 12 copies
- Top Binding
- 2-Sided
- Left Corner Staple
- Text is landscape
- Text is printed using Times-Roman font

1. At your initial prompt, type kpalias, rather than kp.

   ```
   # kpalias
   Print Utility for UNIX Version 1.8 - Print Alias
   Copyright (c) 2002-2008 KONICA MINOLTA BUSINESS
   TECHNOLOGIES, INC. All rights reserved.
   ```

2. You are asked which printer you would like to use. Select the printer to which you would like to have your document print.

   ```
   Printer choices
     1.  MFP01
     2.  C650
   Enter selection number for Printer: 2
   ```

Creating a KP Alias

3. You are asked to enter an alias name.

    This is the name of the file in which KP Alias will save all of the printer options you specify. Therefore, make sure the name you enter reflects the intended purpose of the alias.   In this example, this report is generated weekly.   Although the content of the report changes, the format is always the same.   To create an alias for this "weekly report", type weeklyreport at the "Enter alias name" prompt.

    ```
    Enter alias name: weeklyreport
    ```

    If you wish to create the alias in a directory other than your current working directory, include the full path (i.e., /path/to/weeklyreport).

4. You are asked how many copies you would like to print. The number you enter here will become part of your print parameters. Each time weeklyreport executes, it will print the number of copies you specify here. Since this report needs to be distributed to 12 individuals, enter 12 at this prompt.

    ```
    Number of copies to print: 12
    ```

Creating a KP Alias

5. The Printer Options list is now displayed so you can specify the printing options for weeklyreport.   Please note that "S to save" has replaced the "P to print" selection on the prompt line.

> **NOTE:**   Do not save your parameters until you have made all of your changes.

The list below is the first menu of Printer Options. However, Output Method and Authentication Type do not need to be set in this report, so press the Return (or Enter) key to see next option list.

```
Printer Options              Current Value
===============              =============
 1. Output Method            Print
 2. Authentication Type      Authentication OFF
Enter option number, S to save, or RETURN for more options:
```

This report needs to be printed with a Top Bind, so enter 19 to change this parameter.

```
Printer Options              Current Value
===============              =============
12. Collate                  On
13. Paper Tray               Auto
14. Bypass Tray              Off
15. Paper Type               Plain Paper
16. Paper Size               8 1/2x11
17. Offset                   Off
18. Output Tray              Default
19. Binding Position         Left Bind
20. Print Type               1-Sided
Enter option number, S to save, or RETURN for more options: 19
```

Enter 2 to select Top Bind.

```
Binding Position choices
   1.  Left Bind (default)
   2.  Top Bind
   3.  Right Bind
Enter selection number for Binding Position [1]: 2
```

Creating a KP Alias

6. This report also needs to be printed with 2-Sided, so enter 20 to change this parameter

```
Printer Options              Current Value
===============              =============
12. Collate                  On
13. Paper Tray               Auto
14. Bypass Tray              Off
15. Paper Type               Plain Paper
16. Paper Size               8 1/2x11
17. Offset                   Off
18. Output Tray              Default
19. Binding Position         Top Bind
20. Print Type               1-Sided
Enter option number, S to save, or RETURN for more options: 20
```

Enter 2 to select 2-Sided.

```
Print Type choices
  1.  1-Sided (default)
  2.  2-Sided
Enter selection number for Print Type [1]: 2
```

7. This report also needs to be stapled, so press the **Return** (or Enter) key to see more Printer Options, then choose 22.

```
Printer Options              Current Value
===============              =============
21. Combination              Off
22. Staple                   Off
23. Punch                    Off
24. Fold                     Off
25. Front Cover              Off
26. Front Cover Tray         Off
27. Back Cover               Off
28. Back Cover Tray          Off
29. PI Front Cover           Off
30. PI Back Cover            Off
Enter option number, S to save, or RETURN for more options: 22
```

Since the report's will be stapled Left Corner, enter 2 at this prompt.

```
Staple choices
  1.  Off (default)
  2.  Left Corner
  3.  Right Corner
  4.  2 Position
Enter selection number for Staple [1]: 2
```

Creating a KP Alias

8. To see the current orientation option, press the **Return** (or Enter) key to view the last page of the Printer Options List.

Orientation is currently set to "Portrait". Since this report needs to be printed with a landscape orientation, enter 47 to change the orientation.

```
Printer Options              Current Value
===============              =============
41. Color Matching (Photo)   Auto
42. Pure Black (Photo)        Auto
43. Screen (Photo)            Auto
44. Smoothing (Photo)         Auto
45. Color Settings (Graphic) Auto
46. Smoothing (Graphic)       Auto
47. Orientation               Portrait
48. Text Font                 Helvetica
49. Text Font Size            10
50. Text Line Width           80
Enter option number, S to save, or RETURN for more options: 23
```

The orientation choices are displayed; enter 2 to select Landscape.

```
Orientation choices
  1.  Portrait (default)
  2.  Landscape
Enter selection number for Orientation [1]: 2
```

NOTE: Orientation must be changed before Font. Font setting will return to default if Orientation is changed afterwards.

Creating a KP Alias

9. To change the font, select 48.

```
Printer Options            Current Value
===============            =============
41. Color Matching (Photo) Auto
42. Pure Black (Photo)     Auto
43. Screen (Photo)         Auto
44. Smoothing (Photo)      Auto
45. Color Settings (Graphic)Auto
46. Smoothing (Graphic)    Auto
47. Orientation            Landscape
48. Text Font              Helvetica
49. Text Font Size         10
50. Text Line Width        80
Enter option number, S to save, or RETURN for more options: 48
```

Type the name of the font that is required for the report.

```
Enter Text Font [Helvetica]: Times-Roman
```

NOTE: The font must be typed exactly as it appears on the printer's font list. Refer to your User's Reference Guide for information on how to print the font list.

10. Since these are the only parameters required for the report, type **S** and press the **Return** (or Enter) key to save these settings.

```
Printer Options            Current Value
===============            =============
41. Color Matching (Photo) Auto
42. Pure Black (Photo)     Auto
43. Screen (Photo)         Auto
44. Smoothing (Photo)      Auto
45. Color Settings (Graphic)Auto
46. Smoothing (Graphic)    Auto
47. Orientation            Landscape
48. Text Font              Times-Roman
49. Text Font Size         10
50. Text Line Width        80
Enter option number, S to save, or RETURN for more options: S
```

When you press **S** to save your parameters, you will be returned to the shell prompt.

Your KP alias has been created and saved, and is now ready for your use.

Using KP Alias

Printing with KP Alias

1. At the shell prompt, type [/path/to/kpaliasname] [path/to/filename].

    Using the alias we created in the previous section of this manual, print a weekly report for the week ending January 22, 2008.   To do this, type the following command:

    ```
    #  weeklyreport 01-22-08report.txt
    ```

    In this case, **"weeklyreport"** is the alias name and **"01-22-08report.txt"** is the name of the file containing the text that we will print with the parameters contained in the alias.

    The KP alias, weeklyreport, will use the parameters established in the previous chapter's example to create a printed document with its pages Top Bind, Left Corner stapled, 2-Sided printed and its text landscaped, with Times-Roman font.

Chapter Seven

Using KP Pop Up

Using KP Pop-Up

Description

KPP (KP Pop-up) is a version of KP that allows you to "pop up" kp from within an application.

Printing with KPP

1. Open your application. For demonstration purposes, we are using Netscape.

2. From the File menu, select print. When the print box pops up, make sure that "kpp" is your print command.

Using KP Pop-Up
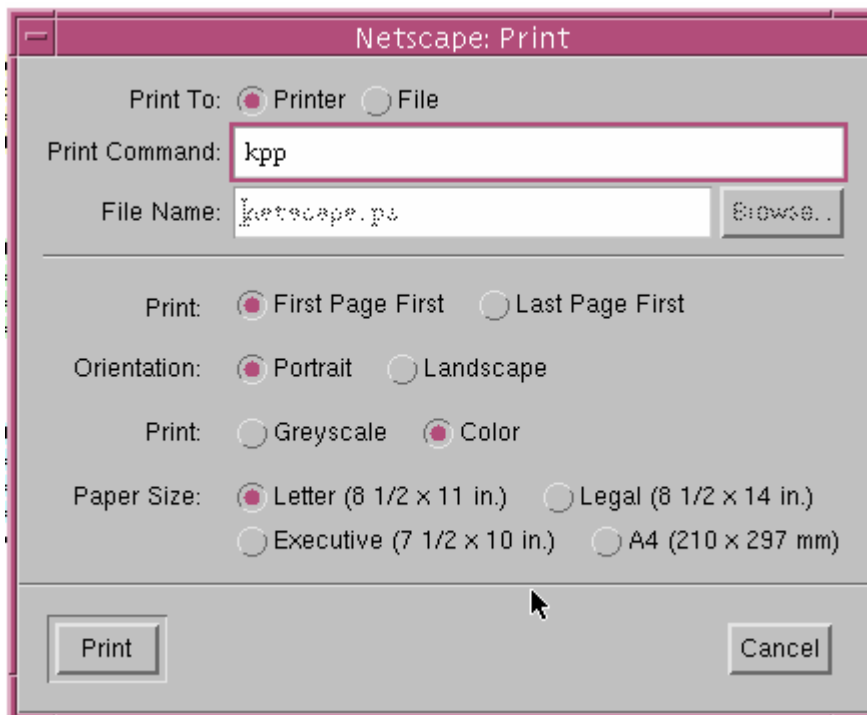
Printing with KPP

3.   Click Print.

```
┌─────────────────────────────────────────────────────────────┐
│ ▤  Print Utility for UNIX – Print Popup          _ □ ✕ │
├─────────────────────────────────────────────────────────────┤
│ Print Utility for UNIX Version 1.8 – Interactive Print Utility│
│ Copyright (c) 2002-2008 KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.│
│ All right reserved.                                           │
│ Number of copies to print;                                    │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
│                                                               │
└─────────────────────────────────────────────────────────────┘
```
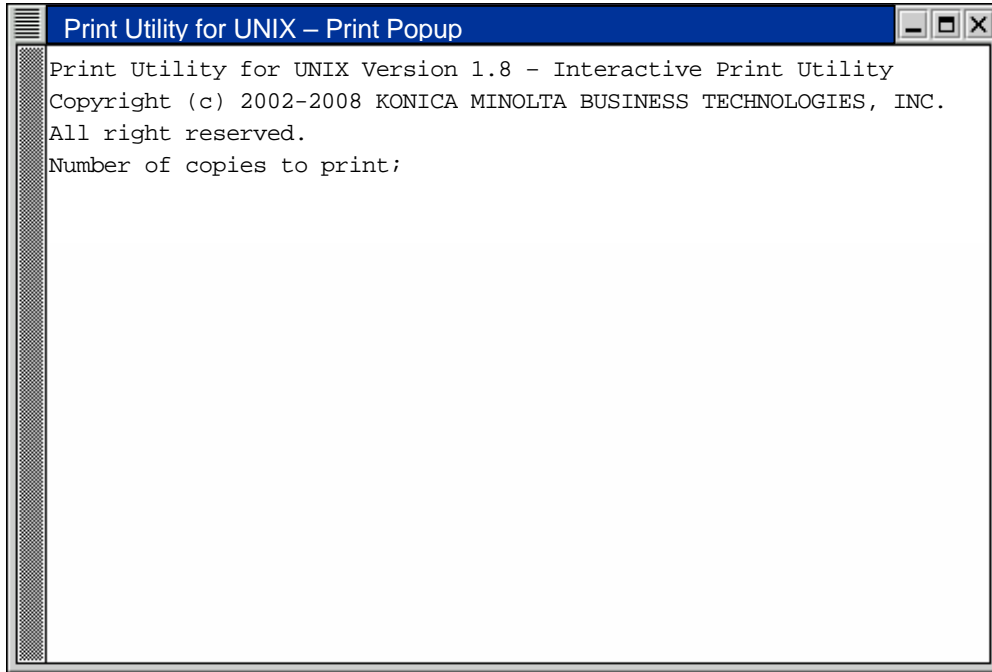
4.   From this window, you may access all features and options of Print Utility for UNIX in just the same way you would from the command line. Refer to page 25 (Printing with KP) for detailed instructions on printing with this utility.

Appendix

Index

Index

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