Matchprint

Professional Server v3.0

for Xerox DocuColor 12

Hardware Installation and Startup Guide

Dell Precision 650

Part number - KY0730481



Trademarks

©2003 Kodak Polychrome Graphics. All rights reserved.

Matchprint is a trademark of Kodak Polychrome Graphics. Kodak is a trademark of Eastman Kodak Company. All trademarks and registered trademarks used herein are the property of their respective owners. January 2003. Revision B. Matchprint Professional Server IIx v3.0

Table of Contents

INTRODUCTION
UNPACKING
CART ASSEMBLY11
SERVER INSTALLATION AND CABLING12
MATCHPRINT PROFESSIONAL SERVER SYSTEM STARTUP18
PRINTER SETUP
PRINTER CALIBRATION
PRINTER CALIBRATION
PRINTER CALIBRATION
PRINTER CALIBRATION 28 Spectrocam Setup 28 Calibration Procedure 29 Calibrating with Scanner 32
PRINTER CALIBRATION 28 Spectrocam Setup 28 Calibration Procedure 29 Calibrating with Scanner 32 Calibrating with Spectrocam 32
PRINTER CALIBRATION 28 Spectrocam Setup 28 Calibration Procedure 29 Calibrating with Scanner 32 Calibrating with Spectrocam 32 SYSTEM TROUBLESHOOTING 35

Revision History

Revision A, October 2002	Initial Release. MPS V3.0
Revision B, January 2003	MPS IIx V3.0. Release of hardware server Dell Precision 650.

Product Safety and Compliance

A Warning

Do not modify or use any AC power cord other than the one included with shipping.

- In some cases, the supplied power cord may not be compatible with the AC wall outlet in your region. If this is true, you must obtain a suitable power cord that meets the following criteria:
- The cord must be rated for use at the AC voltage available, with a current rating that is at least 125% of the current rating of the product.
- The AC plug end must be terminated in a grounding-type male plug designed for use in your region. The plug ends must be labeled or marked to indicate they have been certified by an agency acceptable in your region.
- The connector at the product end must be an IEC 320, sheet C13, female connector.

A Warning

- 1. The user must never remove chassis covers. Some system circuitry retains voltage even when the system is turned off. Only qualified service technicians should remove chassis covers.
- 2. There are no user-serviceable components in the Matchprint Professional Server. Refer all system repairs to a qualified service technician.

A Warning

The power supply voltage standby circuit is active when the computer is turned off. Ensure that the computer is disconnected from its power source and from all telecommunication links, networks, or modem lines whenever the chassis cover is removed. Do not operate the computer with the cover removed. Only qualified service technicians should remove chassis covers if repair or component replacement is required.

A Warning

Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.

A Warning

As with all flat panel LCD displays, the cold cathode fluorescent lamp in the LCD panel contains a small amount of mercury. Please follow local ordinances or regulations for disposal.

Agency Approvals

U.S.	FCC Class B UL 1950 standard testing			
Canada	Canadian EMI Class A CSA 950			
Europe	CISPR 22 Class B CE Mark EN 60950 LVD			
The radiated and conducted emissions are per EN 55022 class B limits. The radiated and conducted immunity are per EN 55024 class B limits.				
The Matchprint Professional Server fulfills the following European Directives and their current amendments:				
73/23/EEC, Low Voltage Directive (LVD) and				
89/336 EEC Electromagnetic Compatibility Directive.				
Dieses Produkt "IMPS" erfuellt die Anforderungen der folgenden europaeischen Richtlinien und deren derzeit gueltigen Ergaenzungen:				
73/23/EWG	Viederspannungsrichtlinie			
89/336/EWG Richtlinie ueber elektromagnetische Vertraeglichkeit				
U.S.	FCC Class B Emissions			
Canada	Canadian EMI Class B Emissions ICES-003			

Radio Frequency Interference Notice (USA)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment. The customer is responsible for ensuring compliance of the modified product. Only peripherals (computer input/output devices, terminals, printers, etc.) that comply with FCC class B limits may be attached to this computer product. Operation with non-compliant peripherals is likely to result in interference to radio and TV reception.

All cables used to connect peripherals must be shielded and grounded. Operation with cables, connected to peripherals that are not shielded and grounded may result in interference to radio and TV reception.

If a Class A device is installed within this system, then the system is considered a Class A system. In this configuration, operation of this equipment in a residential area is likely to cause harmful interference.

Radio Frequency Interference Notice (CDN)

This Class B digital apparatus complies with Canadian ICES-003.

Introduction

This document is a guide to setting up the Matchprint Professional Server, connecting to a Xerox DocuColor 12 Copier/Printer, and performing a basic calibration test to confirm the hardware and cabling are functioning properly. This document covers:

- Unpacking the Matchprint Professional Server IIx
- Inspecting the Matchprint Professional Server hardware for loose components or shipping damage
- Setting up and cabling
- System startup and software initialization
- Calibrating the printer to test the Matchprint Professional Server hardware by printing and scanning the calibration test page.

Unpacking

The Matchprint Professional Server comes in three boxes. The optional cart comes in a fourth box.



Server and Monitor



Cart (optional)

Unpack the Matchprint Professional Server according to the following instructions.

A graphic on the top of the smaller box shows how it should be unpacked.



The steps that follow show this in greater detail.

 Open the top of the smaller Dell box. This contains the Monitor. 	
2. Carefully flip the box over with the flaps out.	
 Pull the box up, leaving the contents on the table. 	
 4. Remove the packaging from the monitor and cabling. The contents of the monitor box should be as displayed here. The video cable (blue connectors) is already connected to the back of the monitor. Note: The digital cable (white connectors) is not used with the Matchprint Professional Server monitor. 	



8. Remove the packaging from the server. Remove the cables, keyboard, mouse and documentation from the accessory box.



Dell Documentation and CDs



Matchprint Professional Server



Dell Keyboard, Mouse, and Power Cord

- 9. Additional items from Kodak Polychrome Graphics located on the KODAK POLYCHROME GRAPHICS Matchprint Professional Server Version 3.0 CD* include:
 - "HW Install_Rev D", Matchprint Professional Server v3.0 Hardware Installation and Startup Guide
 - "Matchprint Professional Server Quick Start Guide"
 - "Matchprint Professional Server v3 Install Instruct", Matchprint Professional Server v3.0 Software Installation Guide
 - "Matchprint Professional Server v3 System Upgrade P4" Customer upgrade kit instructions for the Matchprint Professional Server version 3 software upgrade
 - "MPSNET~1", Matchprint Professional Server v3 Network Guide X-D
 - "MPSWIN~1", Matchprint Professional Server Win 2000 Restore X-D CD

*The MPS Documentation folder on this CD contains the following documents in pdf format:

Name 🛆			
🔁 HW In	tall_Rev D		
🔁 MPS Q	uick Start		
🔁 MPS 🗸	Install Inst	truct	
🔁 MPS 🗸	System Up	ograde P4	
MPSNE	T~1		
🔁 MPSW	N~1		
•			Þ
5 o 7.41 M	B 🚺	My Compute	er

Cart Assembly

There are no special unpacking requirements for the cart. **Note**: The cart is shipped fully assembled. The following diagram is for reference or repair purposes.

Assemble the cart tabletop, shelf and wheels as shown in the following graphic:



Server Installation and Cabling

- 1. Lay the server on its side so that the cover release latch is up. Slide the cover release latch to the left (towards the top of the server) and lift side to open. Inspect inside the computer to make sure cover release latch that the expansion cards, fans, or airflow baffles have not been security cable slot dislodged during padlock ring shipping and unpacking. Close the cover side panel and slide the cover release latch to the right (towards the bottom of the server) to lock. 2. The following graphics show the front and back of the server. Use them to familiarize yourself with the
 - various ports and features.

1	floppy drive
2	headphone connector
3	microphone connector
4	USB 2.0 connectors (2)
5	IEEE 1394 connector
6	diagnostic lights (4)
7	externally accessible drives



3. Position the system as shown in the following photo.

The photo shows the Matchprint Professional Server installed on the optional cart.

The monitor and server should be located within 15 feet of the Xerox copier/printer. The server should be placed in a location that provides sufficient airflow clearance. The monitor should be positioned on a solid table or cart.



✓ Important Note! Surge protection is strongly recommended for all Matchprint Professional Server installations. The power source for the Matchprint Professional Server must be continuous and not interrupted by an on-site failure.



Important Note! All cables should go in with moderate pressure. If you feel you are using excessive force, you probably don't have the connections aligned properly.

If you use excessive force on the External SCSI and Printer cables you may dislodge the expansion card within the chassis. If this occurs, call the dealer for instructions on how to reseat the boards.





Matchprint Professional Server System Startup

1. After completing the previous instructions, press the **Power Button** to turn on the computer. The system launches the **Welcome to Windows 2000 Setup Wizard**. Click on **Next**.

	Welcome to the Windows 2000 Setup Wizard This wizard installs Windows 2000 Server on your computer. The wizard needs to gather some information about you and your computer to set up Windows 2000 properly. Click. Next to continue with Setup.	
E		
Windows 200	C Kack Next >	_

2. At the license window, select I accept the agreement, then click on Next.



3. At the **Personalizing your Software** window, enter an appropriate name and organization (company name). You may enter your company name in both if you wish. Click on **Next**.

Personaliz Setup u 2000 so	e Your Software ses the information you provide about yourself to personalize your Windows Iftware.
R.	Type your full name and the name of your company or organization.
	Name:
	Organization:

4. Enter your **Product Key** in the spaces provided. Click on **Next**. (The Product Key license number is located with the Windows 2000 Server Software that came packaged with Matchprint Professional Server.)

Your Product Key Your Product Key uniqu	iely identifies your	copy of Windows	2000.
Cettificate of Authenticity Production of Authenticity Production of Authenticity International International Inte	The 25-chara of your Certific Type the Proc	cter Product Key a cate of Authenticity duct Key below:	ppears on the lower section
Product Key:		· [· [
	< Back	Next >	

 Enter the Computer name you want the Matchprint Professional Server server to have, or leave the name that Windows 2000 has randomly generated. Leave the Administrator password and Confirm password fields blank for now. Both the Computer name and Administrator passwords can be changed at a later time.

You mu	Name and Administrator Password st provide a name and an Administrator password for your computer.
	Setup has suggested a name for your computer. If your computer is on a network, your network administrator can tell you what name to use.
	Computer name: KODAK-SPSRQ1AX0
-	Setup creates a user account called Administrator. You use this account when you need full access to your computer.
	Type an Administrator password.
	Administrator password:
	Confirm password:

Important! The administrator password and confirmation should be *left blank*.

- 6. Click on Next.
- 7. Set the **Date & Time**, and the **Time Zone**, then click on **Next**.

ate and Time Settings	
Set the correct date and time for your Windows computer.	
Date & Time	
112 Wednesday, October 23, 2002 - 4:55:1	13 PM
	<u>.</u>
Time Zone	
(GMT-08:00) Pacific Time (US & Canada); Tijuana	-
Automatically adjust clock for daylight saving changes	
< Back Next>	

8. Your computer will automatically restart in about 15 seconds, or you can click on Restart Now to have it begin immediately.



9. After the computer has restarted, depending on your system configuration, the following **Welcome to the Found New Hardware Wizard** screen may display.

If it does display, continue with 9a – 9f. Otherwise, you are ready to launch the Matchprint Professional Server v3.0 application and run a simple test of printing.

a. At the Welcome to the Found ... screen, click Next.

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard This wizard helps you install a device driver for a hardware device.
	< Back Next > Cancel

b. At the **Install Hardware Device Drivers** screen make sure the **Search for a suitable driver for my device** is selected. Then, click **Next**.

Found New Hardware Wizard
Install Hardware Device Drivers A device driver is a software program that enables a hardware device to work with an operating system.
This wizard will complete the installation for this device:
AHT Xerox-DC12 PCI Printer Controller
A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.
Search for a suitable driver for my device [recommended]
Display a list of the known drivers for this device so that I can choose a specific driver
< <u>B</u> ack <u>N</u> ext> Cancel

c. At the Locate Driver Files screen, make sure Specify a location is selected, then click Next.

Found New Hardware Wizard	
Locate Driver Files Where do you want Windows to search for drive	ar files?
Search for driver files for the following hardware	device:
AHT Xerox-DC12 PCI Printer Controller	
The wizard searches for suitable drivers in its driv any of the following optional search locations that	ver database on your computer and in at you specify.
To start the search, click Next. If you are search insert the floppy disk or CD before clicking Next.	ing on a floppy disk or CD-ROM drive,
Optional search locations: Floppy disk drives CD-ROM drives	
 Specify a location Microsoft Windows Update 	
	< <u>B</u> ack <u>N</u> ext > Cancel

d. At the **Found New Hardware Wizard** window, use the drop-down list box or browse to select **Copy manufacturer's files from**: **c:\AHT Drivers v3.0\DC12**. Then, click **OK**.

Found Net	w Hardware Wizard	×
	Insert the manufacturer's installation disk into the drive selected, and then click OK.	ОК
		Cancel
	<u>C</u> opy manufacturer's files from:	
	C:\AHT Drivers v3.0\DC12	Browse

e. At the Driver Files Search Results screen, click Next.

Found New Hardware Wizard
Driver Files Search Results The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
AHT Xerox-DC12 PCI Printer Controller
Windows found a driver for this device. To install the driver Windows found, click Next.
c:\winnt\inf\oem4.inf
< <u>B</u> ack <u>Next</u> > Cancel

f. At the Completing the Found New Hardware Wizard screen, click Finish.



10. When the Setup Utility screen displays, click OK.

Setup Utility	×
Select Language	e;
English	•
	ОК

11. At the Select Print Area screen, insert the Matchprint Professional Server v3.0 CD-ROM.

<u>, </u>	Kodak Polychrome
	Matchprint [™]
	Professional Server I_X
Please place your Mat CD in the CD-ROM dri	chprint Professional Server for Xerox DocuColor12 installation we.
To complete installatio /ou need to determine	on of the Matchprint Professional Server for Xerox DocuColor12, a the print area supported by your printer.
f you need additional excerpt from the docur	information on how to do this, click the button below to read an mentation. Then return to this application to continue.
	Print Area Information
To complete installatio supported by your prin (in English) to modify to with this installation m	on, click the button below that corresponds to the print area ter. This will launch the Matchprint Professional Server installer the product installation for the selected print area. Do not interact iodification, it will complete and exit automatically.
	Normal Print Area

- 12. Select **Normal** or **Expanded Print Area**. If you need additional information to determine the print area, click on Print Area Information.
- 13. A progress bar displays briefly, then a, "Matchprint Professional Server setup completed successfully." message displays.
- 14. Click **OK**
- 15. Launch the **Matchprint Professional Server** program by double-clicking on the Matchprint Professional Server icon located on the desktop.



Follow the next two sections, **Printer Setup** and **Printer Calibration**, to add the printer, print the calibration testform, and scan the testform to calibrate the **Matchprint Professional Server**. This will test that the **Matchprint Professional Server** and **Xerox DocuColor 12** are communicating correctly.

Printer Setup

The software is shipped to you with the Printer Settings already set. However, you should confirm the Media Settings (media type and size) for each tray match what is in your Xerox printer.

Note: If the printer is deleted, you need to perform the following printer setup instructions.

To add a printer or change printer settings, complete the following steps:

- 1. If you have had previous versions of the **Matchprint Professional Server** on your system, delete previous printers prior to adding new ones. If the system asks you if you want to delete previous files used only with this printer, select **Yes**.
- 2. From the **Printer** menu, select **Add Printer** or select **Xerox DocuColor 12** (or the name of the printer you need to change). The Printer Settings window displays:

ter Settings			
Printer Info			
Name:	Xerox DocuCol	lor 12	
Туре:	DocuColor12		
Connection:	Expanded PPD	r.	
Printer Options			
Active		CMYK Count:	24784
More D	ptions	Gray Count:	3988
Calibrati	on >>	Print Count:	0
Page Ali	gnment	Reset Print C	ount
Media Settings			
Contents of:	Tray 1		-
Media Type:	Normal Bond		
Media Size:	Letter (8.5 x 1	1.0 inches)	-
edia Settings Contents of: fedia Type: fedia Size: Delete 1	Tray 1 Normal Bond Letter (8.5 x 1	1.0 inches)	Cane

3. Confirm the desired Printer Options:

Active: Make sure this is checked. This ensures the printer is available to the Matchprint Professional Server RIP.

More Options... Not currently used.

Calibration...: Go to the Printer Calibration section for more information on this topic.

Page Alignment...: Contains instructions on how to adjust Page Alignment.

CMYK Count, Gray Count, and Print Count: Displays the current print totals for those categories. The Print Count can be reset to zero by clicking on the Reset Print Count button.

4. Confirm the desired Media Settings for each tray and click **OK**.

The contents of each tray can vary from site to site, however standard tray setup is as follows:

Tray 1: Media Type - Normal Bond, Media Size - Letter (8.5 x 11 inches)

Tray 2: Media Type - Normal Bond, Media Size - Letter SEF (11 x 8.5 inches)

Tray 3: Media Type - Normal Bond, Media Size - Legal (8.5 x 14 inches)

Tray 4: Media Type - Normal Bond, Media Size - Tabloid (11 x 17 inches)

Tray 6 (High Capacity Feeder) – *Optional:* **Media Type -** Normal Bond, **Media Size -** Letter (8.5 x 11 inches)

Notes:

- Tray 5 is a manual feed tray located on the left side of the Xerox DocuColor 12. (Tray 5 is not configured here.)
- Load Kodak Polychrome Graphics/Xerox Color Laser Proofing Paper so the watermark wording is face down in the tray.
- The DocuColor 12 can be set to disable automatic tray switching, however the Matchprint Professional Server overrides this setting if the job's parameters are set to **Automatically Select** the input tray. Go to the **Setting Job Parameters**, Printer tab in the online help or the user guide.pdf for more information.
- 4. If calibration is required, go to Printer Calibration.

Printer Calibration

KODAK POLYCHROME GRAPHICS recommends daily calibration and recalibration each time the printer is serviced.

When using supplied profiles and device links for premium medias, printer calibration must use the Matchprint Co-Branded Xerox Color Laser Proofing Paper. This is the only premium paper authorized by Kodak Polychrome Graphics and Xerox to accurately simulate Matchprint color.

•	Commercial White	3R12266	12 x 18
•	Super White	3R12267	12 x 18
•	Publication	3R12271	12 x 18

Calibrate for Bond medias using the following *Xerox Color Xpressions* + media. The Color Profiles and Device Links supplied for normal, heavyweight, and extra heavyweight bond were all created using the following Xerox media:

- Normal Bond: Xerox Digital Color Xpressions +, 24 lb., Bright 96 paper, 3R11380
- Heavyweight Bond: Xerox Digital Color Xpressions +, 60 lb., Bright 96 paper, 3R11390
- Extra Heavyweight Bond: Xerox Digital Color Xpressions +, 80 lb., Ultra White 98 paper, 3R5537
- Note, all papers above are 8.5 x 11, other sizes in the media weight may be substituted for the purpose of calibrating the Xerox DocuColor 12 LP/CP.

Important! If a media other than the recommended Xerox media is used, the following error appears: "Caution! The media used for calibration appears to be significantly different from the Normal Bond (or Heavyweight) media recommended for used with this application. Results of the calibration on this media may not be typical."

Printer calibration can be performed internally by using the DocuColor 12 built-in scanner or by using the Spectrostar Spectrocam, an external measurement device. Both procedures are described in this section. If calibration is to be performed using the Spectrocam, please go through the following **Spectrocam Setup** instructions before beginning the calibration process.

If calibration is to be performed using the DocuColor 12 scanner, please skip to the section titled, **Calibration Procedure**.

DocuColor 12 scanner, please skip to the section titled, Calibration Procedure.

Spectrocam Setup

- 1. Shut down the computer.
- 2. Connect the Spectrocam to the COM 1 (or appropriate) serial port on the back of the **Matchprint Professional Server**.
- 3. Plug the Spectrocam power connector into the AC adapter and then plug the AC adapter into a power outlet.
- 4. Power on the computer.
- 5. Launch the Matchprint Professional Server software.

Note: Always disconnect the Spectrocam from the AC power supply before removing the Spectrocam from the **Matchprint Professional Server**.

Calibration Procedure

1. From the **Printer** menu, select **Xerox DocuColor 12** (or the name of the printer requiring calibration). The Printer Settings window displays

ter Settings		
Printer Info		
Name: Xerox DocuCo	lor 12	
Type: DocuColor12		
Connection: Expanded PPD	5	
Printer Aptions		
Active	CMYK Count:	24784
More Options	Gray Count:	3988
Calibration >>	Print Count:	0
Page Alignment	Reset Print C	ount
vledia Settings		
Contents of: Tray 1		•
Media Type: Normal Bond		•
Media Size: Letter (8.5 x	11.0 inches)	•
6.b. 1	0K 1	C
Delete	UK	Lancel

2. Click on **Calibration** to display menu selections **Perform Printer Calibration** and **Printer Calibration Setup**.

Perform Printer Calibration
Printer Calibration Setup

3. Select **Printer Calibration Setup** to display the following setup screen:

alibration Status				
Media Type	Last Calibration	Interval	Calibrated?	Calibr
Normal Bond	n/a	14	No	
Heavyweight Bond	n/a	14	No	
Extra Heavyweight	n/a	14	No	
Commercial	n/a	14	No	
Superwhite	n/a	14	No	
Publication	n/a	14	No	
(•
Icon Legend				
Not calibrated				
Calibrated	NR 201			
La Calibrated, Media w	as not typical			
La Calibrated, Input De	vice was not typical			

4. Select a specific media, then enter how often the printer requires calibration for that particular media. Repeat this process for each media.

The **Last Calibration** column displays the time elapsed since a particular media has been calibrated. Uncalibrated medias display "n/a" in this column. If the time elapsed is longer than the calibration interval, the "Calibrated?" column will say No.

Notes:

- Selecting the Reset button, nullifies the most recent calibration and returns the selected media to its default setting.
- The "Calibrate this printer every _____ days" is specific to the printer only. The "Last Calibration" number indicates when the printer was last calibrated with specified media. For example, if the printer is set to be calibrated every 3 days, it may have been 6 days since it was last calibrated with commercial paper and 2 days since it was last calibrated with bond. However, regardless of the media type, the printer is set to be calibrated every 3 days.
- 5. Click OK.
- 6. From the Calibration menu, select Perform Printer Calibration. The following screen appears:

Note: All jobs in the queue are put on hold during calibration process except the jobs currently printing.

nstructions		Kodak P	Polychrom	
lick the "Print Test Form" button to locuColor 12".	o print Letter size	Normal Bond media from Tray 1	on the printer "Xerox	
Printer Name : Status	Xerox DocuC	olor 12: warming up		
Printer Type	DocuColor12	DocuColor12		
Device	Xerox DocuC	olor12 Scanner	×	
Media Type	Normal Bond		•	
Media Size	Letter		•	
Input Tray	Tray 1		•	
	E Apply this	calibration to all media types		
Print Te	st Form	Calibrate	Plestart	
	÷		Exit	

- 7. From the **Device** drop-down list box, choose either the **DocuColor 12 Scanner** or the **Spectrocam Device**.
- 8. From the Media Type drop-down list box, select the media to be calibrated.
- From the Media Size drop-down list box, select the media size on which to print the calibration form.

Note: Transparency media cannot be calibrated.

10. From the **Tray** drop-down list box, select the input tray containing the specified media

The input tray can be specified if the user wants to calibrate the media contained in a specific tray of the DocuColor 12. An **Automatic** selection chooses the input tray if no input tray is specified. If Extra Heavyweight or a KODAK POLYCHROME GRAPHICS/Xerox co-branded media, such as Commercial, is selected, the input tray defaults to Manual Feed. In this case, the user is not able to change the input tray.

11. Click on **Print Test Form** button. A progress bar appears as the form prints:

Printing the calibra	ation form
////////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Canon CLC11x0:	printer ready

- 12. When the form printing is complete:
 - Go to **Calibrating with Scanner** for scanner calibration.
 - Go to Calibrating with Spectrocam for Spectrocam calibration.

Note: If the calibration process fails, check to make sure the test page is properly positioned on the platen. The scanable area is 11"x 17". If the calibration test form is outside this area, calibration will fail.

Calibrating with Scanner

- 1. Place the calibration form on the platen of the DocuColor 12 and click **Calibrate**.
- 2. If the calibration is successful, the screen display says, "The calibration process was successful. You may now calibrate another media."
- 3. Click **OK** to go back to the calibration window.

Notes:

- If the user checks the "Apply this calibration to all media types," the same calibration will be applied to all supported media types. This is not recommended for users with color critical jobs. Color critical jobs should have each media calibrated separately using the recommended Xerox Color Xpressions media.
- If the calibration process fails, check to make sure the test page is properly positioned on the platen. The scanable area is 11"x 17". If the calibration test form is outside this area, calibration will fail.

Calibrating with Spectrocam

- 1. Place the test form and ruler on the black scanner plate and position the measurement device on the first patch on the upper, left corner.
- 2. Click on the **Calibrate** button.



If the Spectrocam was not previously calibrated, a prompt directs you to measure/remeasure, the white reference. Place the measurement device on the white target reference and touch the green sensor. After remeasuring the white reference, reposition the measurement device on the first patch on the upper left corner of the test form.

Important Note on Calibrating the Spectrocam: Each Spectrocam needs to be calibrated against its own unique White Reference Target before taking measurements. The Spectocam and its White Reference have matching serial numbers. For additional information, please see the Spectrocam user documentation.

3. Touch the green sensor and move the device slowly across the first row. When you complete the first row, reposition the Spectrocam over the first patch of the second row and touch the green sensor again to begin measuring the second row. Continue in this fashion until all rows are read.

- Patches are read from left to right in a *slow, steady* manner. The color patches appear on the screen as they are measured. It should take approximately 6 to 8 seconds to completely scan one row.
- If you move too slowly or too rapidly, patches are not read correctly. Within the calibrate dialog an X appears on any patch that is miss-read. If this happens, reposition the device on the first patch of that row and touch the sensor to start the patch reading of that row again. The Instruction box at the top of the window will indicate any action you must take regarding measurement readings.

	\equiv	
	\square	
	\square	

To read the last two rows, you will need to move the test form up so the Spectrocam rests on the black scanner plate.

Note: The Spectrocam times out after 10 minutes of inactivity. Instructions appear directing the user to restart the calibration process.

If the calibration is successful, the following message appears: "The calibration process was successful. You may now calibrate another media."

Printer Name : Status	Kerox DocuColor 12: printer ready		
Printer Type	DocuColor12		
Device	Spectrocam Device	<u></u>	
Media Type	Normal Bond	<u> </u>	
Media Cong	pratulations !!!	T	
Input	The calibration process was successful. You may now calibrate another media.	<u> </u>	
	[TOP]	<u>R</u> estart	
		E <u>x</u> it	

4. Click on **OK** to return to the calibration window.

Note: Color critical jobs should have each media calibrated separately using the recommended Xerox Color Xpresssions media. If the user checks the "Apply this calibration to all media types," the same calibration will be applied to all supported media types. This is not recommended for users with color critical jobs.

△ Caution

It is possible to turn the computer off using the front panel switch while the computer is operational. Pushing in the power switch and holding the switch in until the computer beeps, then releasing the switch will shut the computer off. However, doing this may result **in loss of data and corruption** of the computer operation system or application. The computer should only be shut off using the front power switch when the operating system becomes unavailable for shutting off the computer.

All other user information is available online through the **Help** menu selection or as a printable PDF file on the CD-ROM. After the **Matchprint Professional Server** is launched, select **Help** -> **Read the User's Guide** to access the online help information.

System Troubleshooting

- Make sure all cable connections are secure.
- Make sure the Xerox copier/printer is powered on.
- Make sure the Matchprint Professional Server is powered on.
- Make sure the printer interface card has not been dislodged in the chassis during the installation process.

If both systems are on and the server is still not responding correctly, power off then power on the Xerox copier/printer. Then power off and power on the server.

Problem	Solution					
DELIVERY						
Equipment not arriving on time.	TXC is responsible for all deliveries. Please contact Don Howarth at 310-333-2342.					
Equipment looks used.	TXC is responsible for all deliveries. Please contact Don Howarth at 310-333-2342.					
Rigger (installer) just dropped off the Matchprint Professional Server server, but	1. Contact your sales CBU.					
only setup the DC12.	 Walk the customer through the Hardware Installation and Quick Start Guide to get system usable. 					
INSTALLATION						
 Unit was just dropped off - the system isn't up and running. What can the customer do to finish installation? 	 The Rigger (installer) contracted by Xerox is to setup the server with cables connected to the DC12 and Power Plug connected and then stop. Follow the hardware installation/setup Guide to 					
 3. Once the Matchprint Professional Server is connected and powered up, what do we do next? 	complete the setup.					
	3. Find the Quick Start Guide that came with the Server or find the Guide on the Matchprint Professional Server Version 3.0 CD in the Matchprint Professional Server documentation folder. Be sure to cancel the installation process which starts automatically					
Network Setup information?	See the network setup information located in Network Guide located on the Matchprint Professional Server Version 3.0 CD in the MPS documentation folder. Be sure to cancel the installation process which starts automatically					
CALIBRATION on DC12 CP with Version 3.0 Matchprint Professional Server						

Cannot print 12" x 18" test form.	1. Reboot the Matchprint Professional Server server.
	 If still unable to print, restart the DC12. At the RIP Printer menu, delete the DC12 printer, and then re- add the printer.
	3. Restart the calibration process
Unable to calibrate 12" x 18" media - calibration does not stop.	 Cancel the calibration through the Task Manager (Ctrl + Alt + Del) and select End Task.
Having difficulty calibrating 12" x 18" media.	2. Power down and Restart the server.
	 Calibrate to normal bond letter size media first. Next, calibrate with 12 x 18 media, when setting the 12 x 18 calibration page on the scanner, offset the page to the right about 1 inch.
Having difficulty with the Matchprint Professional Server Version 3.0 calibration	This is a basic procedure that can be used by all customers:
process.	If you generally use only bond media or are having extreme problems with the calibration application, check the "apply to all" box when calibrating to normal bond, letter size media. Calibrate to normal bond letter size media. Next, calibrate with 12 x 18 media. When setting the 12 x 18 calibration page on the scanner, offset the page to the right about 1 inch.

CALIBRATION with SpectroCam on DC12 LP				
White reference does not work in Matchprint Professional Server RIP calibration application.	1.	Be sure the SpectroCam device in seated squarely on the plaque and the plaque is CLEAN.		
	2.	Load the SpectroStar SpectroCam software onto the server, do the white reference procedure, then quit.		
	3.	Return to the Matchprint Professional Server RIP calibration application and read patch data.		
SpectroCam is not reading data correctly and is difficult to use.	1.	Reboot Matchprint Professional Server server, reprint test page (if necessary), and re-calibrate test page.		

Technical Support

If you have any problems with installation, contact technical support for assistance at 1-800-821-2797.