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XEROX[®]

**XEROX WIDE FORMAT
AccXES Firmware 10.0 b140
Release Notes**



Table of Contents

1	Introduction	4
1.1	FEATURE KEYS:	4
1.1.1	Feature Key Descriptions	4
2	Release Deliverables	6
2.1	Xerox 8825, 8830 Print Systems	6
2.2	Xerox 8850, 510dp Print Systems	6
2.3	Xerox Print System 721p	7
2.4	Xerox Print System X2 TECH	7
2.5	Xerox 6030/6050 Wide Format Solution	7
3	Recommended Configurations	8
4	Release Installation	9
5	New Features of 10.0 b 140	10
5.1	Support for 6030/6050 printer	10
5.2	Force PP = 0	10
6	New Features of 9.5 b 111	11
6.1	Single Page Job	11
6.2	New “Normal” functionality added for SCAN and COPY	11
6.3	Vector Minimum Line width	11
6.4	Moveable Scanner Feature Key Support	11
7	Release Notes	13
7.1	Controller	13
7.1.1	HFT and KLF Controller on the Xerox Wide Format Print System X2 TECH Rebooting procedure	13
7.1.2	Firmware Installation of a Device Failed	13
7.1.3	AccXES firmware 7.5 or earlier	13
7.1.4	Stamp does not appear	13
7.1.5	Scaling interaction with “ANY”	13
7.2	Xerox Wide Format 721P Printer only	14
7.2.1	Job Cancel from the 721p Control Panel	14
7.3	Xerox 6030/6050 Wide Format Solution	14
7.3.1	Long Plotting	14
7.4	Scanner	14
7.4.1	Clear Last Image	14
7.4.2	Invert Feature and Recall Last Job	14
7.4.3	Upgrade Test Print	15
7.4.4	Scan-to-Print and Margins	15
7.4.5	Directory Naming	15
7.4.6	Width Detection Sensors and Finishing	15
7.4.7	Background Suppression	15
7.4.8	Low Contrast Documents and Background Suppression	15
7.4.9	Scanner Settings Recalling Sets	15
7.5	Manual Feed	15
7.5.1	Manual feed media source will be ignored when used with the AccXES Client Tools’ page composition feature.	16
7.5.2	Landscape vs. portrait when using manual feed – for 8825, 8830, 8850, 510dp only	16
7.5.3	Manual Feed and Y-Justification	16
7.5.4	Length and Orientation of Manually fed media for 721p	16
7.6	Web Print Manager Tool (Web PMT)	16

7.6.1	Printer Queue – Main WebPMT Screen	16
7.6.2	Backlit-Film media type	17
7.6.3	Netscape 6.1 users only	17
7.6.4	Netscape 7.0 users only	17
7.6.5	German users only	17
7.6.6	Large Scaling Factors	17
7.6.7	Pen Palettes	18
7.6.8	HPGL Page – End of File	18
7.6.9	Updating the Network Settings Requires a Reboot of the Controller	18
7.6.10	Display of Media Usage	18
7.6.11	Saved Parameter Settings	18
7.6.12	Default PostScript Page Size	19
7.6.13	String value of “0” in Text Fields	19
7.6.14	“Printer has been updated” message	19
7.6.15	Pen Patterns	19
7.6.16	Printer Password	20
7.6.17	Print Job Priority	20
7.7	Netscape and Unix	20
8	Customer Issues Resolved	21
8.1	The following Customer issues were resolved in 10.0 b 140	21
9	Appendix	22
9.1	HFT Controller Installation for Xerox Wide Format Print System 8830	22
9.1.1	AccXES Client Tools	22
9.1.2	Web PMT	22
9.1.3	Unix	22
9.2	HFT Controller Installation for Xerox Wide Format Print System 8850 and 510dp	22
9.2.1	AccXES Client Tools	23
9.2.2	Web PMT	23
9.2.3	Unix	23
9.3	HFT Controller Installation for Xerox Wide Format Print System 721p	23
9.3.1	AccXES Client Tools	23
9.3.2	Web PMT	23
9.3.3	Unix	24
9.4	HFT Controller Installation for Xerox Wide Format Print System X2 TECH	24
9.4.1	AccXES Client Tools	24
9.4.2	Web PMT	24
9.4.3	Unix	24
9.5	HFT Controller Installation for Xerox 6030/6050 Wide Format Solution	24
9.5.1	AccXES Client Tools	25
9.5.2	Web PMT	25
9.5.3	Unix	25

1 Introduction

The AccXES Controller Firmware Release 10.0 b 140 provides multinational software for the Xerox Wide Format Print Systems 8825, 8830, 8850, 510dp, 721p, the Xerox Wide Format Print System X2 TECH, the Xerox 6030/6050 Wide Format Solution, and for their Xerox Wide Format scanners. The languages supported are English, Deutsch, Espanol, Francais, Italiano, and Portugues.

This document presents the following information about the AccXES Controller Release 10.0 build 140.

- Release deliverables
- Recommended configurations
- Installation procedures
- Present supplemental information and known issues that are not mentioned in the published customer user documentation.
- New features

WARNING: Regarding Job Accounting: If you are currently using the legacy Job Accounting feature of a version of AccXES firmware less than 7.5, you must save your printer's data first, or the data will be lost when you install this version of firmware. BEFORE installing the 10.0 b 140 firmware, refer to the Account Management Tool Administrator's Guide for information on saving the pre 7.5 data and for how to import this data into the new Job Accounting format that requires an external print system, like the Account Management Tool (AMT).

1.1 FEATURE KEYS:

Feature keys from before version 9.0 B180 are no longer useable with version 10.0 b 140 firmware. New keys must be acquired from the Xerox website to use your system. Downgrading below 9.0 B 180 will also require you to re-download your feature keys. This applies to AccXES controller resident feature keys only: Postscript, Job Accounting, Scan to Net, and Scan To Print.

1.1.1 Feature Key Descriptions

Print and Copy Feature Keys are standard with AccXES 10.0 build 140 firmware for all printers except the Xerox 6030/6050 Wide Format. However, with the installation of AccXES 10.0 build 140 firmware in a new system, **the following functions will be unavailable until the appropriate feature key is loaded.** See the Feature Key Instructions and Coupon Exchange screens on the xerox.com website.

- Job Accounting (enables tracking media usage data. AMT, or some other external accounting tool, is used to assign User Id, Account Id, Printer Id associations, then collects and tallies the stored data from the printers)

- PostScript
- Xerox Wide Format Scanner Features:
 - Scan To Net (to create an electronic file from a scanned image)
 - Scan to Print (to scan, create a preview, and send to the scanned image to the printer when Scan-to-Net is present)
 - Color Enablement – AccXES (Allows color scanning when scan to net license is preset)
 - Speed Enhancement Turbo II – AccXES (4 ips for 36” wide)
 - Speed Enhancement Turbo III – AccXES (HFT Controller only: 7.33 ips in Copy Mode)
- Xerox Wide Format Print System 510dp Only:
 - Speed Enhancement - IOT 7D/Minute (7 ANSI D per minute, long feed)
 - Speed Enhancement - IOT 10D/Minute (10 ANSI D per min., long feed, must have 7D loaded)
 - Speed Enhancement Upgrade- IOT 5D to 10D/Minute (upgrade the 5D to the10 ANSI D per minute)
 - Drawer Enablement - IOT 2 Drawer (drawer 2 gets installed then needs to be enabled)
 - Drawer Enablement - IOT 3 Drawer (drawer 3 gets installed then needs to be enabled)
 - Drawer Enablement Upgrade - IOT 1 to 3 Drawer (drawers 1,2,3 get installed then need to be enabled)
- Xerox 6030/6050 Wide Format Printer:
 - Print Server enablement – Enables print and copy mode for remote printer.

HFT Controllers Only: The following Keys are now standard: Versatec Raster Formats, VCGL Format, and CGM Format

2 Release Deliverables

2.1 Xerox 8825, 8830 Print Systems

The following executables are provided for the Xerox Wide Format Print System 8825, 8830 and support the Xerox Wide Format Scan System scanner.

NOTE: *You must load version 9.0 before loading this Firmware*

NOTE: *If your release is below 6.0, you must upgrade to 5.99 then to 9.0 before loading this Firmware.*

HFT Controller – HFT_8830_10_0b140.disk.bin (file size = 7,570,724 bytes)

CNG Controller – CNG_8830_10_0b140.disk.bin (file size = 10,319,876 bytes)

EV4 Controller – EV4_8825_10_0b140.disk.bin (file size = 10,420,368 bytes)

N5T Controller – N5T_8830_10_0b140.disk.bin (file size = 10,319,876 bytes)

2.2 Xerox 8850, 510dp Print Systems

The following executables are provided for the Xerox Wide Format Print System 8850, 510dp and support the Xerox Wide Format Scan System scanner.

CNG Controller – CNG_8850_10_0b140.disk.bin (file size = 10,319,876 bytes)

HFT Controller – HFT_8850_10_0b140.disk.bin (file size = 7,569,589 bytes)

HFT Controller – HFT_510dp_10_0b140.disk.bin (file size = 7,569,589 bytes)

2.3 Xerox Print System 721p

The following executables are provided for the Xerox Wide Format Print System 721p and support the Xerox Wide Format Scan System scanner.

HFT Controller – HFT_721p_10_0b140.disk.bin (file size = 7,526,470 bytes)

2.4 Xerox Print System X2 TECH

The following executables are provided for the Xerox Wide Format Print System X2 TECH and support the Xerox Wide Format scanner.

KLF Controller – KLF_X2_10_0b140.disk.bin (file size = 16,611,333 bytes)

HFT Controller – HFT_X2_10_0b140.disk.bin (file size = 11,143,170 bytes)

2.5 Xerox 6030/6050 Wide Format Solution

The following executable is provided for the Xerox 6030/6050 Wide Format Solution and supports the Xerox Wide Format scanner.

HFT Controller – HFT_6030_10_0b140.disk.bin (file size = 7,666,595 bytes)

3 Recommended Configurations

Table 1: Minimum (Min.) and Recommended (Rec.) RAM Configurations (MB)
UP8 controller is no longer supported.

	N5T, CNG Controllers		EV4 Controller		KLF Controllers		HFT Controller	
	Min.	Rec.	Min.	Rec.	Min.	Rec.	Min.	Rec.
Monochrome Printer - no PostScript/PDF	64	128	64	128	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Monochrome Printer - with PostScript/PDF	64	128	64	128	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Monochrome DIGITAL SOLUTION - no PostScript/PDF	64	128	64	128	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Monochrome DIGITAL SOLUTION - with PostScript/PDF	64	128	64	128	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Monochrome Printer - with PostScript/PDF	64	128	64	128	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Monochrome DIGITAL SOLUTION - with PostScript/PDF	64	128	64	128	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Monochrome DIGITAL SOLUTION - with PostScript/PDF, and Color Enablement	128	192	128	192	N/A	N/A	128 (256 for 721P)	256 (512 for 721P)
Color Printer - no PostScript/PDF	N/A	N/A	N/A	N/A	192	192	256	256 (512 for 721P)
Color Printer - with PostScript/PDF	N/A	N/A	N/A	N/A	192	192	256	256 (512 for 721P)
Color DIGITAL SOLUTION - no PostScript/PDF	N/A	N/A	N/A	N/A	192	192	256	512
Color DIGITAL SOLUTION - with PostScript/PDF	N/A	N/A	N/A	N/A	192	192	256	512
Color Digital Solution - with PostScript/PDF	N/A	N/A	N/A	N/A	192	192	256	512

4 Release Installation

NOTES:

Feature keys from before version 9.0 B180 are no longer useable with version 10.0 firmware. New keys must be acquired from the Xerox website to use your system. Downgrading below 9.0 B 180 will also require you to re-download your feature keys.

*The AccXES Revision **MUST** be **9.0 or higher** to upgrade to 10.0. If your current version is lower than 9.0, you must install 9.0 or higher **before** upgrading to 10.0.*

*Regarding scanner firmware revisions: If you are upgrading the firmware of a system containing a Xerox Wide Format Scanner, you must also ensure that the scanner firmware is upgraded, **prior to upgrading the controller**, to the following version:*

- ***Xerox Wide Format Scanner – version 2.2.4 or greater. Version 3.2.5 or greater needed for full functionality.***
- ***Xerox 7356 and 7346 Scanners are no longer supported.***

5 New Features of 10.0 b 140

5.1 Support for 6030/6050 printer

Via a new WebPMT page "Configure Remote Printer" the AccXES HFT controller can now become a Print Server for a 6030/6050 Wide Format printer via an Ethernet connection. SNMP must be enabled on the 6030/6050 printer. If the Printer is on a different subnet than the AccXES controller then static routing must be enabled on the 6030/6050 printer.

The Print Queue will now display "submitting" when a job is being submitted to the remote printer and "submitted" when a job has been completely submitted to the remote printer and is either printing or waiting to print.

The 6030/6050 embedded printer controller requires version 2.6.00 or higher firmware to function properly with the AccXES controller.

5.2 Force PP = 0

The HPGL "PP" command controls how pixels are placed on the printer grid during polygon fills. Prior to AccXES v8.0, the PP command was ignored and grid-intersection pixel placement (PP=0) always used. Use of grid-centered pixels (PP=1) sometimes causes very thin polygons to disappear. The "Force PP=0" feature will prevent this from occurring by overriding the file's PP=1 command. Note that when "Force PP=0" is enabled, the use of grid-intersection pixels may cause unwanted blank lines between adjacent polygons.

In WebPMT, this feature can be found under Printer Defaults>Emulations>HPGL.

6 New Features of 9.5 b 111

6.1 Single Page Job

This feature, when enabled, will concatenate adjacent pages in a job that are the same width to produce a long strip of paper for the job. If the Single Page Job feature is set to a specific roll size, then all pages of the job will be forced to that width guaranteeing that they are all concatenated. If the Single Page Job feature is set to Auto, only those adjacent pages that print on the same roll will be concatenated. This feature can be used in conjunction with Plot nesting to produce a matrix of images on a single sheet of paper.

In WebPMT, this feature can be found under Printer Defaults>Printer Setup>Miscellaneous.

6.2 New “Normal” functionality added for SCAN and COPY

To simplify the user interface and provide better image processing, a new copy/scan Image Type, “Normal”, has been added and “Mixed” has been removed. For those users who have an old UI label on their scanner a nationalized label is included in the last page of these release notes.

“Normal” mode is designed to provide a good quality copy/scan for both lines and text as well as halftone images, it is the new default image type for both copy and scan modes. This mode will reproduce shaded areas well. If the Turbo III feature is enabled, the user can select between 7.2 ips scanning and best image quality in this mode via the Image Enhancement configuration menu.

“Line” mode has been reduced to only “Bitonal” functionality. Any part of the document that is not background will be printed black. Use this mode to darken or bring out very thin or light lines. This is ideal for pencil drawings.

“Photo” mode remains for continuous tone or true photograph documents.

“Mixed” mode has been removed because “Normal” mode provides a superior image quality for halftone or mixed document types.

“Color” mode for scanning is now indicated by illuminating the top and bottom LEDs at the same time.

6.3 Vector Minimum Line width

This feature allows the user to specify the thinnest line the system should print in pixels. This is useful when printing legacy drawings which called out 1 pixel lines which looked good on older printers, but now appears too thin on newer higher resolution printers.

This feature applies only to vector formats such as HPGL*, CGM, Postscript/PDF*. This feature does not affect raster files such as TIFF.

This feature can be found in the WebPMT under Printer Defaults>Processing Defaults>Rendering.

*These formats sometimes contain raster components, which will not be affected by this feature.

6.4 Moveable Scanner Feature Key Support

With 9.5 AccXES controller firmware and 3.2.5 Xerox Wide Format Scanner firmware or higher, it is now possible to move a feature key from one scanner to another. This affects the following feature keys:

- Turbo II

- Turbo III

- Color Enablement

7 Release Notes

The following information supplements the 10.0 customer user guides.

7.1 Controller

7.1.1 HFT and KLF Controller on the Xerox Wide Format Print System X2 TECH Rebooting procedure

When the Controller is rebooted, the X2 TECH printer must also be rebooted. This is due to communication along the SCSI chain. If the controller is in the middle of a SCSI command at the time it is rebooted, the printer no longer communicates.

Note that the proper power on sequence for a Xerox Wide Format Print System X2 TECH is X2 TECH printer, then scanner (if so equipped), then Controller.

7.1.2 Firmware Installation of a Device Failed

If a firmware installation fails, repeat the installation procedure. Occasionally, other events may interrupt the firmware installation on the AccXES controller.

7.1.3 AccXES firmware 7.5 or earlier

When upgrading to, or downgrading from AccXES revisions 7.5 or earlier, the time and date may be erroneously changed. To check and/or reset this go select Printer Defaults > Printer Setup > Date/Time.

7.1.4 Stamp does not appear

If the user tries to upload a stamp files that contains an invalid format, or if the Accounting Mode is set to "Enabled", no error message will be displayed. The Web PMT screen will display a message that the file was uploaded successfully and the stamp's filename will not appear in the "Printer Resident Stamps" list. To avoid this situation, set the Job Accounting mode to "Optional". The Web PMT has no knowledge of the validity of any file that is sent to the printer. File validation and error handling is done on the printer by the AccXES controller. The Web PMT only reports that the file was sent to the printer successfully.

7.1.5 Scaling interaction with "ANY"

The media size "ANY" will select the best sheet size for an image to prevent clipping. If a user specifies a media size of "ANY" and a scale factor that makes the image too large for any sheet size and mismatch mode is set to scale, the controller will select the largest sheet size and scale the image to fit on it.

If this is not the desired behavior, a specific sheet size can be selected, or the media mismatch mode can be set to QUERY.

7.2 Xerox Wide Format 721P Printer only

7.2.1 Job Cancel from the 721p Control Panel

The current job can be cancelled using the 721 Control Panel. Please note that if you wish to cancel the next job in the queue, you must put the printer back on-line and then take it off-line again. The Job Cancel feature only cancels one job at a time, the current job.

7.3 Xerox 6030/6050 Wide Format Solution

7.3.1 Long Plotting

Long plot limits are dependent on the amount of memory in the 6030/6050. Limits are as follows:

Amount of Memory Installed	Long Plot Limit
256 MB	3,000 mm
512 MB	7,500 mm
1 GB	15,000 mm

If the maximum plot length in AccXES (in WebPMT: PRINTER DEFAULTS>PROCESSING DEFAULTS>MEDIA>MAXIMUM PLOT LENGTH) is set greater than the maximum length of the 6030/6050 the image will be truncated.

7.4 Scanner

7.4.1 Clear Last Image

When the "Clear Last Image" feature is selected on the Xerox Wide Format Scan System, it may take a few minutes for a Photo or Color mode scanned document to clear out. After scanning a document, this feature is accessed by selecting the "C" key on the scanner. It will bring up the "CLEAR SCANNED IMAGE" screen. Use the "Next" button to select "CLEAR LAST IMAGE", and then press "ENTER".

7.4.2 Invert Feature and Recall Last Job

Scan a document. Press the Transform key. Select "Recall Last Job". If the Invert feature (changes dark to light and vice versa) is selected before printing the recalled document, the document will not be inverted. It will need to be rescanned to get the inverted image.

7.4.3 Upgrade Test Print

After upgrading to the latest scanner firmware, check the Scanner Configuration section at the bottom of the Configuration Test Print. If “None” shows for the values of Type, Product, Firmware, and Vendor, then print out another test print to view the correct values.

7.4.4 Scan-to-Print and Margins

When performing a scan-to-print operation the scanned image is printed using the current printer processing defaults including margins. If the image scanned is exactly the width of the paper, then the processing default margins should be set to zero to prevent the image from being clipped or placed on a larger sheet of paper.

7.4.5 Directory Naming

The 8825/8830/8850 System Introduction erroneously states a value of 15 alphanumeric characters for the Scan Directory name that can be entered with the keypad of the Scanner Control Panel in the Quick Start for Scanning to Net. The correct value is 16 characters.

7.4.6 Width Detection Sensors and Finishing

When using the width detection sensors, if the document is a little bit off-center, this could cause problems for folding, as the document printed may be square. This is most problematic with A, B, and C sizes. Documents must be centered when using the sensors for width detection.

7.4.7 Background Suppression

The scanner uses the first few inches of a document to determine the background suppression. If the first few inches of the document being scanned are not representative of the entire document, either too much or too little of the background will be removed. If this occurs, try physically turning the document 90 degrees and scan it again. Continue with this until an edge is found that produces a good scan.

7.4.8 Low Contrast Documents and Background Suppression

Scanning low contrast documents with background suppression OFF will produce washed out images. When scanning these documents, background suppression should be set to AUTO or DARK.

7.4.9 Scanner Settings Recalling Sets

Settings for the last document scanned are not restored when recalling a set. After a set is recalled all LED's will be turned off. If a setting is changed after the set is recalled it will be applied to all documents in the set.

7.5 Manual Feed

7.5.1 Manual feed media source will be ignored when used with the AccXES Client Tools' page composition feature.

Go to AccXES Client Tools > Job Option tab > Composition tab > Select Overlay Images > Media Source drop down menu. Although "Manual Feed" is listed as a choice of media source for page composition jobs, the print job will be treated as if AUTO media source was selected. If an appropriate roll of media is available, it will be printed on that media; otherwise, the job will query until the correct roll media is installed. In addition, other Media Source selections will be treated as AUTO if an appropriate roll of media is available in a different roll.

7.5.2 Landscape vs. portrait when using manual feed – for 8825, 8830, 8850, 510dp only

There is a problem with choosing the combination of manual feed and an ANSI_A, ARCH A, ISO A4, or ISO B4 size media. This is true whether manual feed, or the paper size, is selected on the scanner, or within Web PMT, the Document Submit Tool, a driver, or PJJ. When the short edge sheet of paper is inserted into the manual feed slot of the printer, the image will be printed in landscape view with the image clipped. This is because AccXES wants to print the long edge first even though the Xerox Wide Format Print System 8825 and 8830 are limited to processing these paper sizes short edge first. If the sheet of paper is inserted with the long edge first, it will not get processed by the printer correctly due to the placement of the rollers not being able to feed it through the machine. To avoid this problem, choose a roll size instead, or insert a larger piece of paper into the manual feed and trim it after it is printed.

7.5.3 Manual Feed and Y-Justification

The Y-Justification for manually fed sheets is overridden by the AccXES controller. For 8825, 8830, 8850, and 510dp the Y-Justification is set to CENTER. For 721p, the Y-Justification may be specified if a sheet size is also specified.

7.5.4 Length and Orientation of Manually fed media for 721p

The Xerox Wide Format Print System 721p requires that manually fed sheets of media be landscape and sufficiently long enough to accept all the printed material of a file. If the media length is insufficient, the printer will attempt to repeatedly print the job. To cancel the printing, go to the Main Page of the Web PMT.

- Press the **Get Status** button to update the Job Queue List.
- Click on an active print **Job Name** (the name is a hypertext link) and the Selected Print Job page will display.
- Press the **Cancel** button to cancel the selected print job. The Canceled Print Job page will display, showing that the job was canceled, or is in the process of being canceled.

7.6 Web Print Manager Tool (Web PMT)

7.6.1 Printer Queue – Main WebPMT Screen

The AccXES firmware supports a maximum of 120 active printer jobs in the queue and 8 active copy jobs. If subsequent jobs are sent before the 128th prints, ports will refuse connections and

there can be scan errors; when there are fewer jobs in the queue, the jobs can then be resubmitted or scanned. Additionally, completed jobs will be removed from the queue display immediately to make room for the newly submitted print jobs. To avoid these issues, keep the number of active print jobs to under the 128 limit.

NOTE: More than 128 files can be sent from the Document Submit Tool as one print job, but all of the files in the print job must have printed before sending subsequent jobs, or the jobs will be refused.

7.6.2 Backlit-Film media type

If you are using the Backlit-Film-360 media type in your printer, WebPMT lists it as Backlit-Film-360/720 to accommodate legacy versions of AccXES. If you select Backlit-Film-360/720 as the media type in WebPMT, you must have the Backlit-Film-360 media loaded in the printer and identified as Backlit-Film-360 at the printer, or you will create a mismatch. If you are using the Backlit-Film-720 media type, both the printer and WebPMT will list it as Backlit-Film-720.

7.6.3 Netscape 6.1 users only

It is recommended to use Netscape 7.0 or newer.

- Netscape 6.1 does not support the adjusting of the color graph settings for the POLY_CLOTH_360 media. This is located on the Web PMT. Select PRINTER DEFAULTS > PROCESSING DEFAULTS > Media > Media Specific Settings drop down list. Choose POLY_CLOTH_360. Select the Adjust Settings (Graphical UI) button. When you adjust the color graph lines, the changes will not be saved when you apply the Update Printer button.
- When Netscape 6.1 is used, the pen patterns do not appear to load correctly, and the browser exhibits erroneous behavior. However, if the Stop (browser) button is pressed and the patterns page is viewed, the new pen pattern will appear as expected.
- HTML code may appear on the Media page after pressing the Update Printer button, when Netscape 6.1 is used. The changes will, however, be kept.

7.6.4 Netscape 7.0 users only

A "Document contains no data" message may appear on the Main WebPMT page after rebooting the printer and pressing the Get Status button. If so, click the OK button on the message box and again select the Get Status button.

7.6.5 German users only

Zum Drucken von Etiketten mit Umlauten DRUCKERVORGABEN > DRUCKER-EINSTELLUNG > Plot-Etiketten wählen.

Anschließend im Dropdown-Menü für Fonts einen der folgenden Fonts wählen: HP2 Stick Font Latin - 1 oder HP2 Stick font Latin - 1 – Proportional.

7.6.6 Large Scaling Factors

Images set to scale beyond the largest installed roll will not scale beyond the largest width unless a specific roll is selected, a specific page size is selected, or mismatch mode is set to something other than scaling. This is a behavior that has changed from previous releases (prior to 9.0).

For example: The largest roll installed is 36". Scaling is set to 999%. Submit an ARCH E sized drawing (Media Size = Any, Mismatch = Scaling). The drawing will not be scaled.

In order for the output to exhibit the desired scaling factor, one of the following conditions must be met:

What to do:

- Set Mismatch Mode to Substitute
- Request a Media Size of ARCH E via WebPMT, ACT, or the Driver
- Request a Media Size 36" Roll via WebPMT, ACT, or the Driver

7.6.7 Pen Palettes

For Internet Explorer version 5.00.3105.0106, when you try to save a pen palette it opens instead; you might have to manually copy and paste the pen palette information into a file. (To locate your Internet Explorer version number, select Help > About in your browser toolbar.)"

7.6.8 HPGL Page – End of File

If the files are streamed via any port on the system, these are treated as a single job and no reset is done between them. However, if one uses the LPD protocol to send the files one at a time, the effect is that the printer is reset after each job. If the "Reinitialize after EOF" is set to be on, the AccXES firmware will reset the printing parameters after each plot file that is received by a serial port or a parallel port. To reset the HPGL parameters on the Web PMT, select Printer Defaults > Emulations > HPGL. Click on the box in front of "Reinitialize after EOF". Click on the "UPDATE PRINTER" button.

7.6.9 Updating the Network Settings Requires a Reboot of the Controller

For the settings to take effect, all AccXES controllers now require a power off and power on sequence when the IP Number, Gateway, or Subnet Mask is changed. If the 721p controller has any of these settings updated from the Web PMT, the Web PMT will not respond until after the controller power is turned off and turned on.

7.6.10 Display of Media Usage

The Web PMT Linear Media Usage displays the Media Usage in METERS. The mechanical meters used on the Xerox Wide Format Print System 721p IOTs can be programmed using the IOT diagnostics and are determined by which mode (ANSI or ISO) that the IOT is programmed to operate in. The units of measurement may not be the same.

7.6.11 Saved Parameter Settings

When changing an Active User Setup Parameter and then pressing the "UPDATE PRINTER" button, all the settings on the Miscellaneous Page become part of that Active User parameter set. (On the Web PMT, go to Printer Defaults > Printer Setup > Miscellaneous > Active User Setup Field.) A user can change parameters on this Miscellaneous page, put in a number into the Active User Setup parameter field, and then select the "UPDATE PRINTER" button to save the changes. When that same number is put into the Active User Setup field later, the same parameters should appear. However, at the present time the selections on the Miscellaneous Page transfer to other Active User numbers also. For example, if you put in an Active User Setup number of 0, then select the Nesting Length to be 60 cm and press "UPDATE PRINTER", that setting becomes the Nesting Length setting for Active User 0. If you then enter Active User Setup 1 and select "UPDATE PRINTER", the Nesting Length for Active User 1 was also changed to 60 cm.

7.6.12 Default PostScript Page Size

If a PostScript job does not specify a page size (either by using a compatibility operator such as "letter", or "a4", or by using the setpagedevice operator /PageSize parameter), the page size used is the one specified by the Default PostScript Page Size parameter available via the printer user interface, or via the Web PMT.

7.6.13 String value of "0" in Text Fields

A string value of "0" cannot be assigned to text fields. This affects the following fields: NETWORK-EtherTalk Zone, NETWORK-NetBEUI Group, NETWORK-NetBEUI Remark, NETWORK-IPX Primary Server, NETWORK-IPX NDS Tree, NETWORK-IPX Context Name, PRINTER SETUP-Plot Label-label.

A bug in the server treats a null entered string as having a length=1 and a value="0". Thus, the Web PMT cannot distinguish between a text entry of "0" and a text entry of NULL. Because being able to blank out a text field string is a much more common operation, it takes precedence over entering "0".

7.6.14 "Printer has been updated" message

If the user presses the "UPDATE PRINTER" button without actually making changes first, the Web PMT will still return a message that the printer was updated. The Web PMT cannot distinguish a page that has been modified from one that has not been modified. This is because of the "stateless" nature of the http protocol and the fact that no events are generated (html) when text values are entered or items are selected. When the "UPDATE PRINTER" button is pressed, all the data on the form is gathered and sent to the server. If the data is valid, the printer is updated and "The printer was updated successfully." message is returned. If inappropriate data is sent, an error message is returned. To verify valid changes to printer settings, a test print can be printed to view the changed settings.

7.6.15 Pen Patterns

7.6.15.1 SAVED PEN PATTERN DIALOG WINDOW DOESN'T APPEAR IN INTERNET EXPLORER 5.5

Attempting to save a selected pen pattern results in the pattern appearing alone in the Internet Explorer window instead of a dialog window appearing.

7.6.15.2 NEW PEN PATTERNS NOT SHOWING UP IN PEN PATTERN TABLE WHEN USING NETSCAPE

After loading any of the custom user patterns (50-63), the user must press the Refresh button on the browser in order to view the pattern just loaded (for both Netscape and Internet Explorer). Once the user exits the Pen Patterns page and then returns to it, the custom pattern should automatically be displayed. **This occurs when using Netscape, Version 4.5.** Due to the way caching is implemented in Netscape, each time the user returns to the Pen Patterns page, the "Refresh" button on the browser must be pressed to display the current custom patterns correctly.

7.6.15.3 IF YOU ARE USING INTERNET EXPLORER 4.0 ON A WINDOWS NT SYSTEM

You may encounter difficulty saving pen patterns. On the Web PMT go to Printer Defaults > Pen Patterns. When you choose the "Save Pattern" button, Internet Explorer may choose to automatically open your pattern in Microsoft Paint instead of the option of saving it to a file. If the

pattern is opened in Paint, any attempt to save the file will result in Paint crashing and no file saved.

7.6.16 Printer Password

The printer password appears in the location (address) bar of the web browser. When a user types in a password in the text box, an asterisk is displayed for each digit entered. However, when the "UPDATE PRINTER" or "Submit" button is pressed, the password value is displayed on the web page in the location bar of the browser.

The initial release of the web server only supports http "GET" protocols. The result of this is that any data entered on any field of a web page will show up in the location box of the browser once the "UPDATE PRINTER" or "Submit" button is pressed.

7.6.17 Print Job Priority

Modifying the print job priority with the Web PMT reports that the priority was changed successfully but the job queue on the Web PMT main page shows the original priority unchanged.

If a user modifies the job priority, the Web PMT only guarantees that the parameter in the printer that specifies the job priority value has been changed successfully. It does not guarantee that the printer will be able to accommodate the new priority. The print job may be at a point in the printing process at which any new priority request is ignored.

7.7 Netscape and Unix

Open Dialog will not see recently saved files

When using Netscape on a Unix system, the browser will not list any files within the open dialog that have been saved within the same browser session. Typing their names in the field can still access the unlisted files, but you will not be able to simply select them in the open dialog. If the browser is restarted, the saved files will show up normally. For example, if you saved a pen pattern using the save pattern feature, then immediately selected one of the custom patterns in an attempt to load the just saved pen pattern, you would encounter this problem. The open dialog would not show the recently saved file and you would have to type in the exact name into the dialog in order to load the pattern or restart your browser.

8 Customer Issues Resolved

8.1 The following Customer issues were resolved in 10.0 b 140

Issue Description	Problem	Resolution
Lines are missing from Microsoft Project file when printed via Windows System Driver	Lines were defined as filled polygons, but AccXES rendered them with the coordinate system falling on the corners of the pixels and so there was no area inside the polygon to fill.	AccXES now defaults to coordinates system on the pixels themselves which causes a single pixel line to be "filled". This default "PP" may be changed from WebPMT on the HPGL Emulations page.
Unable to change finishing setting when recalling a set on the scanner UI.	If a user scanned in a set and then recalled the set they were unable to change the finishing option.	User can now change the finishing setting after recalling a set and the new setting will be applied to ALL documents of the set.
Motor Communication diagnostic test fails on the Xerox Wide Format Scanner.	The motor communication diagnostic requires a special loop back connector to properly execute and should be run by a service technician.	Motor Communication diagnostic now requires the password on the scanner. This will limit access to the diagnostic.
Copy job cancelled when scanner jams.	When the IOT is busy printing a copy job, if the scanner jams on the next scan the job that is printing is cancelled.	AccXES will not cancel any job when a scanner jam is detected.

9 Appendix

9.1 HFT Controller Installation for Xerox Wide Format Print System 8830

IMPORTANT NOTE: The controller will only accept the installation when there are no active jobs being processed.

9.1.1 AccXES Client Tools

Download the file named “HFT_8830_10_0b140.disk.bin”. A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.1.2 Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the “HFT_8830_10_0b140.disk.bin” file. Click on the “Upload” button. A printed status sheet will indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.1.3 Unix

Download the software using LPR with the following command line:

```
lpr -P printername HFT_8830_10_0b140.disk.bin
```

A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.2 HFT Controller Installation for Xerox Wide Format Print System 8850 and 510dp

IMPORTANT NOTE: The controller will only accept the installation when there are no active jobs being processed.

9.2.1 AccXES Client Tools

Download the file named “HFT_8850_510dp_10_0b140.disk.bin”. A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.2.2 Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the “HFT_8850_510dp_10_0b140.disk.bin” file. Click on the “Upload” button. A printed status sheet will indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.2.3 Unix

Download the software using LPR with the following command line:

```
lpr -P printername HFT_8850_510dp_10_0b140.disk.bin
```

A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box.

9.3 HFT Controller Installation for Xerox Wide Format Print System 721p

IMPORTANT NOTE: The 721p requires a 40 GB hard drive. The controller will only accept the installation when there are no active jobs being processed.

9.3.1 AccXES Client Tools

Download the file named “HFT_721p_10_0b140.disk.bin”. A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.3.2 Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the “HFT_721p_10_0b140.disk.bin”. Click on the “Upload” button. A printed status sheet will indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.3.3 Unix

Download the software using LPR with the following command line:

```
lpr -P printername HFT_721p_10_0b140.disk.bin
```

A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.4 HFT Controller Installation for Xerox Wide Format Print System X2 TECH

IMPORTANT NOTE: The controller will only accept the installation when there are no active jobs being processed.

9.4.1 AccXES Client Tools

Download the file named “HFT_X2_10_0b140.disk.bin”. A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.4.2 Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the “HFT_X2_10_0b140.disk.bin” file. Click on the “Upload” button. A printed status sheet will indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.4.3 Unix

Download the software using LPR with the following command line:

```
lpr -P printername HFT_X2_10_0b140.disk.bin
```

A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the “DDS Enabled” box. Reboot the controller.

9.5 HFT Controller Installation for Xerox 6030/6050 Wide Format Solution

IMPORTANT NOTE: The 6030/6050 requires an 80 GB hard drive. The controller will only accept the installation when there are no active jobs being processed.

9.5.1 AccXES Client Tools

Download the file named "HFT_6030_10_0b140.disk.bin". A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the "DDS Enabled" box. Reboot the controller.

9.5.2 Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the "HFT_6030_10_0b140.disk.bin". Click on the "Upload" button. A printed status sheet will indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the "DDS Enabled" box. Reboot the controller.

9.5.3 Unix

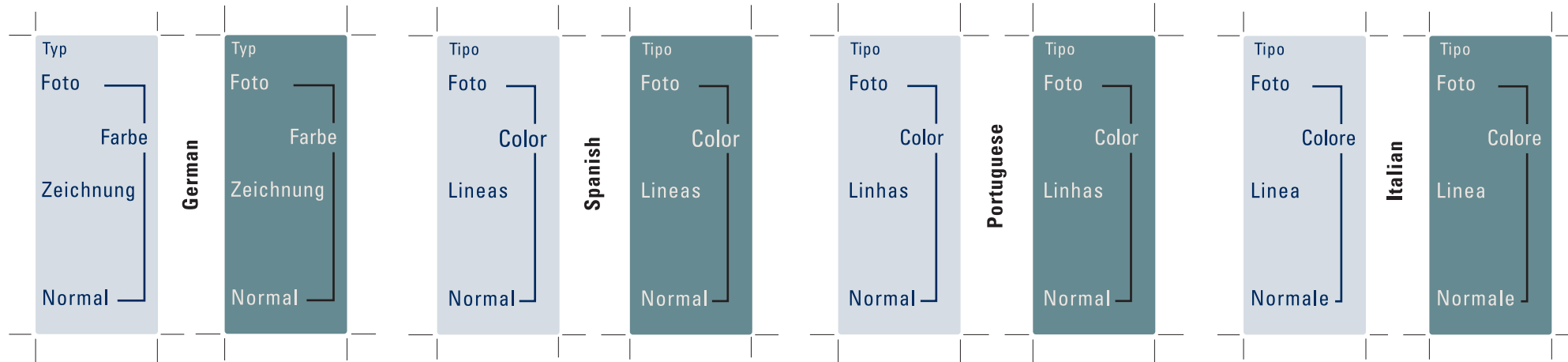
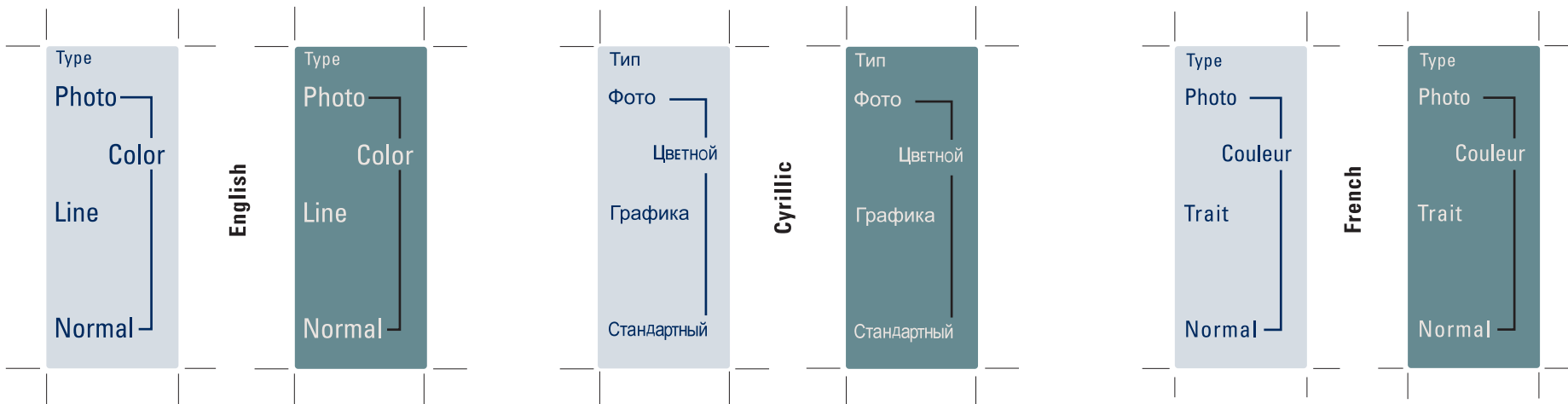
Download the software using LPR with the following command line:

```
lpr -P printername HFT_6030_10_0b140.disk.bin
```

A status sheet will be printed and indicate that the download was successful.

NOTE: Make sure that the connection to the scanner is enabled. This is done on the Web PMT, by going to Printer Defaults > Printer Setup. Select the "DDS Enabled" box. Reboot the controller.

NOTE: Regarding Digital Solutions with Xerox Wide Format scanners: When upgrading a Digital Solution which includes a Xerox Wide Format scanner to Firmware 9.2 or higher from firmware releases prior to 9.0, the Xerox Wide Format scanner may go through a second reboot. The scanner Control Panel will display "ISO packet size changed....rebooting".



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