

Updating Xerox Products for Daylight Saving Time

As a result of the U.S. passing the “Energy Policy Act of 2005”, Daylight Saving Time (DST) will change starting in 2007. DST for the U.S., Canada and Bermuda will be extended by four weeks, starting three weeks earlier on the second Sunday in March (03/11/2007) and ending one week later on the first Sunday in November (11/04/2007).

The following information describes the customer choices and direction on how to implement DST changes for Xerox Production Products. Implementation of DST changes is at your discretion. There are no system impacts other than an incorrect time stamp during the time between the old and new Daylight Saving Time periods. **If you do not rely upon the system time stamp, no action is required.** The information has been organized by product group.

PRODUCTION SYSTEMS GROUP PRODUCTS

- DocuPrint 4850/4890/92C NPS/IPS
- DocuPrint 96/100/115/135/155/180
- 4135 and 4635 NPS/IPS
- DocuTech 180/155/128 HLC
- DocuTech 6100, 6155,6135, 6155, 6180 (DocuSP)
- 4590 & 4110 EPS
- DocuPrint/DocuTech 65/75/90
- DocuPrint Continuous Feed Family
- Nuvera Product Family
- iGen3 Product Family
- DocuColor 8000/7000/5000 (DocuSP)
- DocuColor 6060 (DocuSP)
- DocuColor 5252 (DocuSP)
- DocuColor 8000/7000/5000 (Creo or EFI)
- DocuColor 6060 (Creo or EFI)
- DocuColor 5252 (Creo or EFI)
- FreeFlow Makeready
- Freeflow Process Manager
- Freeflow Output Manager
- Freeflow Web Services
- VIPP
- FreeFlow VI Suite
- FreeFlow VI Interpreter
- FreeFlow VI Designer
- FreeFlow VI PDF Originator
- FreeFlow VI Explorer

DocuPrint/DocuTech/DocuColor/iGen3/CF/ 4110 & 4590 EPS (DocuSP)

Historically, the Solaris Operating system has always automatically updated the system clock on the DocuSP and DocuPrint Controller to adjust for DST. The passing of the Energy Policy Act of 2005 has resulted in an impact to the date and time scheduled for DST update for the following products:

- DP4850/ 4890/ 92C NPS/IPS
- DP96/100/115/135/155/180
- 4135 and 4635 NPS/IPS
- DocuPrint/DocuTech 65/75/90
- DocuTech 6100/ 6155 /6135/6155/6180
- DocuTech 180/155/28 HLC
- DocuColor 8000/7000/5000 (DocuSP)
- DocuColor 6060 (DocuSP)
- DocuColor 5252 (DocuSP)
- 4590 & 4110 EPS
- iGen3 Family
- DP350/700/425/850/500/1000/525/1050 Continuous Feed

Xerox software engineering patch overlays (i.e. specific subsystem components), for the current functional release of software on the above equipment are currently available to the Xerox Field Printing System Service Professionals for DocuSP. For DocuPrint NPS/IPS products, it is recommended that customers upgrade to V 8.6 (if they have not done so already). V 8.5 also contains a DST fix. Specific DST patches are not available for V 7.X or V 8.0-8.4. For customers with a valid Full Service Maintenance Agreement, the Xerox Service Representative will install the specific overlay patch or upgrade the software (as appropriate) on the next service call. If this does not meet your requirements, Customers with a valid Full Service Maintenance Agreement should place a Service call prior to March 11th, 2007 as follows:

Xerox Customer Support at:

1-800-821-2797 (USA); TTY 1-800-855-2880

1-800-939-3769 (Canada)

Provide Printer Serial Number and contact information

Request Service call for DST upgrade

The Printing System Service Professional will return the call and determine a time to visit the customer to perform the software patch upgrade.

Specific overlay patches are available for the following DocuSP release levels:

- DocuSP 5.1 (51.61.85) or higher
- DocuSP 5.0 (50.60.93) or higher
- DocuSP 4.2 (42.57.10) or higher (except Continuous Feed)
- DocuSP 4.2 (42.05.92) or higher (for Continuous Feed)
- DocuSP 3.8 (03.80.63) or higher (for DP/DT 65/75/90 only)

Xerox does not recommend changing the system time manually using the Solaris OS utilities. If this is done incorrectly it may result in a technical issue given the system dependencies that may not recognize the time change.

Nuvera 110/120/144 CP & PS

Xerox software engineering patch overlays (i.e. specific subsystem components), for the current functional release of software on the Nuvera product family are currently available to the Xerox Field Printing System Service Professionals. For customers with a valid Full Service Maintenance Agreement, the Xerox Service Representative will install the specific overlay patch. Customers should place a Service call prior to March 11th, 2007 as follows:

Xerox Customer Support at:

1-800-821-2797 (USA); TTY 1-800-855-2880

1-800-939-3769 (Canada)

Provide Printer Serial Number and contact information

Request Service call for DST upgrade

The Printing System Service Professional will return the call and determine a time to visit the customer to perform the software patch upgrade.

DocuColor 5252/6060/500/7000/8000 and iGen3 with CREO Digital Front End

CREO systems with Windows 2000 or XP operating software can utilize the Microsoft "Patch". Please use the links and information below. To address the DST change immediately customers should refer to Microsoft download centre for additional information on this issue prior to March 11th, 2007.

<http://support.microsoft.com/kb/928388>

For Windows 2003

<http://www.microsoft.com/downloads/details.aspx?familyid=554A94FE-A478-47A7-B004-0277A292E90E&displaylang=en>

For Windows XP

<http://www.microsoft.com/downloads/details.aspx?familyid=66F1420C-DF2D-400B-A8A9-EF9061A9A3CA&displaylang=en>

For Windows 2000 and earlier

Customers are responsible for manually setting the time change.

DocuColor 5252/6060/500/7000/8000 and iGen3 EFI Digital Front End

EFI Systems with XP Operating System and update service can download Patch 1-QZXUG on the Xerox website prior to March 11th, 2007.:

<http://www.xerox.com>

EFI Systems Windows NT Operating system will have to use the "Tzedit" utility or manual change the internal clock prior to March 11th, 2007. For further information contact Xerox customer support .

4110/4590 with EFI Digital Front End

EFI Systems with XP Operating System and update service can download Patch 1-QZXUG on the Xerox website prior to March 11th, 2007.:

<http://www.xerox.com>

EFI Systems Windows NT Operating system will have to use the "Tzedit" utility or manual change the internal clock prior to March 11th, 2007. For further information contact Xerox customer support .

Additionally, the 4110/4590 User Interface settings for Daylight Saving Time can be changed via an Administrator login. Please contact Xerox Customer Support for more information.

FreeFlow Makeready/ Process Manager / Web Services / Output Manager / Print Manager

Historically, the Microsoft Operating system has always automatically updated the system clock on the workstation or server that runs the Freeflow Software to adjust for DST.

Please refer to the Microsoft download center for additional information on this issue.

This time zone update also includes changes for other DST related changes, time zone behavior, and settings. Some of these changes will occur in 2007, and some have occurred since these versions of Windows were originally released. This update also includes some changes that have previously been released as individual hot fixes.

NOTE: While Windows Operating System updates are necessary, changes to the software provided by Xerox are not.

Please refer to the Microsoft download center for additional information on this issue as it pertains to Windows Server 2003 (x64-based version) and Windows XP Operating Systems.

<http://support.microsoft.com/kb/931836>

For Windows 2000

The customer should refer to the above link, however, will be responsible to manually set the time change.

FreeFlow VI Suite / VIPP/ VI Interpreter/ VI Designer/ VI PDF Originator / VI Explorer

To support this change, you need to change (prior to March 11, 2007) the DaylightSaving table in **xgf.def**. It must be updated to have the correct beginning and ending days for Daylight Saving Time for 2007. By replacing the 2007, 2008 entries in the xgf.def file with the text below (and restarting VIPP) you will correct the entries for 2007 and 2008. We have also included the entry for 2009.

Note: these changes have already been incorporated into the FreeFlow VI Suite service packs for the FF VI Interpreter 5.0, FF VI Designer 5.0, FF VI PDF Originator 5.0 and FF VI Explorer 5.0, that will be made available in March 07. All service packs and patches are available on the following web page www.xerox.com, from the Support and Drivers page, select Software & Platforms>>FreeFlow>FF Variable Information Suite.

Replace the 2007 and 2008 lines in DaylightSaving array with the following:

```
[ 2007 60 70 120 308 120 ] % 2007 +1Hr day70 0200Hr day308 0200Hr (11 Mar - 4 Nov)
[ 2008 60 69 120 307 120 ] % 2008 +1Hr day69 0200Hr day307 0200Hr (9 Mar - 2 Nov)
[ 2009 60 67 120 305 120 ] % 2009 +1Hr day67 0200Hr day305 0200Hr (8 Mar - 1 Nov)
```

On printers, the file is located:

Unix - /usr/xgf/src/**xgf.def**

Windows C:\xgf\src**xgf.def**

In the FF VI Designer, the file is located: C:\vide\xgf\src**xgf.def**

In the FF VI PDF Originator, the file is located in C:\xvtp\bin\xgf\src**xgf.def**

In the FF VI Explorer, the file is located in C:\viewer\xgf\src**xgf.def**

If the FF VI Interpreter, FF VI Designer, FF VI PDF Originator, or FF VI Explorer product was installed on a drive other than the C: drive, the C: in the above must be replaced with the correct drive.

WIDE FORMAT PRODUCTS

Xerox AccXes Controller

OS Versions 1.0, 2.0 (v11.x) do not have daylight saving time logic. Set the date and time is manually using AccXes, web print services or the printer User Interface.

OS versions 3.0, 3.1 (v12.0 forward) all have the new daylight saving times enabled and should switch automatically on March 11th, 2007. No action is required.

Plotworks

Operates on Microsoft Windows. Please see Microsoft links and information below.

XEScan

Operates on Microsoft Windows. Please see Microsoft links and information below.

To address the DST change immediately for Plotworks and XEScan, customers should refer to the Microsoft download centre for additional information on this issue prior to March 11th, 2007.

<http://support.microsoft.com/kb/928388>

For Windows 2003

<http://www.microsoft.com/downloads/details.aspx?familyid=554A94FE-A478-47A7-B004-0277A292E90E&displaylang=en>

For Windows XP

<http://www.microsoft.com/downloads/details.aspx?familyid=66F1420C-DF2D-400B-A8A9-EF9061A9A3CA&displaylang=en>

For Windows 2000

Customers are responsible for manually setting the time change.

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