



Xerox Wide Format Scanner Firmware 3.1.9 Release Notes

MAY 2003



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1 Introduction

The Xerox Wide Format Scanner Firmware Release 3.1.9 provides multinational software for scanners that are part of the XES Synergix 8825, 8830, 8850, 8855, 510dp, 721p, and X2-TECH Digital Solution printers as well as the XEScan Solution. The languages supported are English, Deutsch, Espanol, Francais, Italiano, and Portugues.

2 Release Deliverables

2.1 XES Synergix Scanners

The following upgrade file is provided for the XES Synergix Scanners: FullBuild030109.fla.bin.

3 Recommended Configurations

Synergix Scanner Boot Flash version 1.2 or newer is required. Version 1.4 or newer is preferred.

This firmware only works with AccXES version 8.0 and later and XEScan Solutions v1.1 and later.

4 Release Installation

4.1 Download from website

The Xerox Wide Format Scanner Firmware can be downloaded from the www.xerox.com website to your file system. From there it can be loaded to your printer's controller by using the Document Submit Tool feature of the AccXES Client Tools, the Web PMT or Unix as described below or by using Synergix Diagnostics with an XEScan Solution.

4.1.1 Installation for CNG/HFT Controller, XES Synergix 8830/8850/510dp Printer

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

AccXES Client Tools

Download the file named "FullBuild030109 fla.bin". A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the "FullBuild030109 fla.bin" file. Click on the "Upload" button. A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Unix

Download the software using LPR with the following command line:

```
lpr -P printername FullBuild030109 fla.bin
```

A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

4.1.2 Installation for EV4 Controller, XES Synergix 8825 Printer

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

AccXES Client Tools

Download the file named "FullBuild030109 fla.bin". A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly..

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.*

Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the "FullBuild030109 fla.bin" file. Click on the "Upload" button. A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Unix

Download the software using LPR with the following command line:

```
lpr -P printername FullBuild030109 fla.bin
```

A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

4.1.3 Installation for N5T Controller, XES Synergix 8825/8830 Printer

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

AccXES Client Tools

Download the file named "FullBuild030109 fla.bin". A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.

Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the Browse button to select the file named "FullBuild030109 fla.bin". Click on the "Upload" button. A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.

Unix

Download the software using LPR with the following command line:

```
lpr -P printername FullBuild030109 fla.bin
```

A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.

4.1.4 Installation for UP8 (Tower), XES Synergix 8855 Printer

IMPORTANT NOTE: *The controller will only accept the installation if there are no active jobs being processed. Since the controller automatically generates a test print at power-up, there must be a printer attached to the controller to print the test print. Otherwise the test print job will remain as an active job and the installation will not work.*

AccXES Client Tools

Download the file named "FullBuild030109 fla.bin". A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the "Browse" button to select the file named "FullBuild030109 fla.bin". Click on the "Upload" button. A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Unix

Download the software using LPR with the following command line:

```
lpr -P printername FullBuild030109 fla.bin
```

A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

4.1.5 Installation for HFT, XES Synergix 721p Printer

IMPORTANT NOTE: *The controller will only accept the installation if there are no active jobs being processed. Since the controller automatically generates a test print at power-up, there must be a printer attached to the controller to print the test print. Otherwise the test print job will remain as an active job and the installation will not work.*

AccXES Client Tools

Download the file named "FullBuild030109 fla.bin". A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the "Browse" button to select the file named "FullBuild030109 fla.bin". Click on the "Upload" button. A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Unix

Download the software using LPR with the following command line:

```
lpr -P printername FullBuild030109 fla.bin
```

A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

4.1.6 Installation for KLF/HFT Controller, X2-TECH Printer

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

AccXES Client Tools

Download the file named "FullBuild030109 fla.bin". A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Web PMT

Select PRINTER DEFAULTS > UTILITIES > Upload File. Use the "Browse" button to select the file named "FullBuild030109 fla.bin". Click on the "Upload" button. A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

Unix

Download the software using LPR with the following command line:

```
lpr -P printername FullBuild030109 fla.bin
```

A printed status sheet will indicate that the download was successful. The system must be powered off and powered back on for the new firmware to operate properly.

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.*

4.1.7 Installation for XEScan Solution

1. On the PC, right click the mouse on the Start button and select Explorer to open the Desktop Explorer.
2. Browse to the downloaded firmware file: FullBuild030109 fla.bin.
3. Double click on the firmware file.

Note: If the Firmware Update screen appears, go to Step 10. If not, continue with the following steps.

4. Double-click on **Synergix Diagnostics** icon on the PC desktop.
5. Click on the *Utilities* button at the bottom of the screen. Wait for the *Utilities* screen to appear.
6. Click the *Browse* button below the *Firmware Update* entry field.
7. Browse to the downloaded firmware file location on your hard drive.
8. Click *Open*.
9. Click the *Begin Firmware Update* button on the screen. Diagnostics displays the Firmware Update screen.
10. Click the *Start* button. The file downloads to the scanner.
11. When a new screen displays **Please, power scanner OFF to enable new firmware**, click OK.
12. Close the Diagnostic application if it is still open.
13. Power off and power on the scanner.

5 New Features

5.1.1 Bitonal Image Processing

This firmware offers a new method of image processing. This method is intended to be used on older document types such as pencil drawings, blueline or diazo prints, sepias, etc. This method removes a lot of the background regardless of whether it varies in one direction or two and brings the remaining drawing information up to crisp black lines.

5.1.2 Support for area of interest scanning

This firmware offers support for scanning just a portion of the document. This is enabled via new scanner commands. As of this document creation date, no controller takes advantage of this feature.

6 Release Notes

6.1 Changes from v3.0.12 to 3.1.9

6.1.1 Fixed message displayed after closing thick document handler

It used to briefly indicate “document jam” after closing the thick document handler if you were being prompted to close it. This “document jam” message is no longer indicated.

6.1.2 Fixed calibration motor diagnostic

The calibration motor diagnostic for finding home would indicate a failure code of 255. This has been fixed.

6.1.3 Image Processing Board operating speed

The Image Processing Board now operates at different speeds depending upon the scan mode being requested.

6.2 Known Issues

There are no known issues.

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