# Release Notes
# ColorQube 8580/8880
# Firmware Release PS 4.19.0

xerox

## Software Release Details

| Component | Version |
|---|---|
| Firmware | SER19 OS 10.80 /   PS  4.19.0 / Net 44.38.01.12.2015 |
| URL Link | FIRMWARE_LINK |

## *Purpose*

**The following issues have been addressed since the original GM manufacturing release (version PS 4.5.0).**

- **NEW FEATURE :** Added support for AirPrint.

- **NEW FEATURE :** Added Support for SHA256.

- **NEW FEATURE :** Updated OpenSSL package to 1.0.1j

- **NEW FEATURE :** Added support for IPP in Host Access List.

- Resolves Front Panel stalling at Add Ink message while purging when ink is low.

- Resolves Front Panel Media Too Long fault when A size media is picked from tray 1

- Resolves Front Panel switches between 'Printing Page1' and 'Warming Up… Please Wait' messages, and doesn't print.

- Resolves Front Panel message "Adjust Tray 2 size" after tray 2 is empty during print job.

- Resolves aborted jobs and static jams due to Insufficient Ink Available.

- SASL software upgraded to 2.1.23

- Resolves several memory usage issues for PCL5 printing and PDF direct printing.

- Resolves WSD Discovery leaving ports/sockets open after hot-plugging

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|---|
| • Resolves CWIS Radio button under Printer neighborhood --> Preference --> Printer search scope not taking effect |
| • libxml2 component software upgraded to version 2.7.9 |
| • Improved performance / cache size with encryption |
| • Resolves selecting the "Reset Paper Tray setup" in Front Panel, but Tray5 paper type does not get reset to the default. |
| • Removal of Remote Internet Printing in CWIS. |
| • Removal of unused Novell code. |

# Installation Instructions

## Read before beginning the firmware update:

* Do not interrupt system once download is in process.  Interruptions or loss of power may corrupt the engine firmware and render the system temporary unusable.  (Service repair may be required to return the system to a working condition.)

* Some of the device's settings may be changed from their present value back to the factory default values by the firmware update.  It is recommended customers save the configuration page and use it as a reference to restore the device's settings after the firmware update is complete.

## To print the configuration page:

1. Press the System button on the device control panel.
2. Press the down arrow key to scroll to the Configuration Page item and press OK.
3. The device will print two-three pages of configuration information.

Note:  The firmware versions currently installed are displayed on the left column on the first page, under the General Information heading.

# Updating the firmware over a network connection

To download a file to the device using CentreWare Internet Services (Windows and Mac):

CAUTION: It is *imperative* that no print jobs be submitted to the printer while the code is being updated via CentreWare Internet Services.

NOTE:  CWIS can only be accessed if the device is connected to a network that utilizes the TCP/IP protocol. The device must also contain a valid IP Address.

1. From a computer, open an Internet web browser.
2. Enter the Phaser device's IP Address in the Address field, and then press Enter.

3. Click on the Print button.
4. Click on the "File Download" link in the list of options on the left side of the window.
5. Depending on the browser being used, click on the Browse or Choose File button, and then browse to and
select the file to be downloaded to the device.
6. Click on the blue, square button to send the file to the Phaser device.


## To download a file to the device using FTP (Windows and Mac):

NOTE: To perform this solution, the device must be connected to a network that utilizes the TCP/IP
protocol. The device must also contain a valid IP Address.

1. Open the Command Prompt (Windows) or Terminal window (Mac).
2. Type in "ftp xxx.xxx.xxx.xxx", where the x characters represent the IP Address of the device, and press
Enter.
3. Press Enter at the prompt line that contains "Name (xxx.xxx.xxx.xxx:user):"
4. Type in "put /location/of/file.ps", where the full file name and path are entered.  If you drag and drop
the FW file you are sending into the window (after "put "), the full path and file name will populate.
5. Press Enter and the file will be transferred to the Phaser device over FTP.


# Updating the firmware over a USB connection

## To download a file to the printer using the Xerox File Downloader Utility (Windows):

NOTE: This solution assumes the Xerox File Downloader Utility has already been downloaded and
installed on the computer.
Windows Xerox File Downloader Utility : XeroxFileDownloaderUtility

1. From the computer, open the Xerox File Downloader Utility. By default, the utility is installed in the
following location on the computer's hard drive: C:\File Downloader.
2. Select the required printer from the Select the printer to spool the file to from the list below pull-down
menu.
3. Click on the [Browse] button, and then browse to and select the file to be downloaded to the printer
from the "Select the file to send to the printer" section.
4. Click on the [Send] button to send the file to the printer.


## To download a file to the printer over USB from a Mac:

Firmware files can be downloaded to a Phaser device connected over USB by dragging the FW file to the
print queue on an Apple Macintosh.