

# Phaser 4510 Firmware Release Notes and Installation Instructions

4510 FW update OS 8.58 / PS 4.11.0 / Net 39.66.12.09.2008

Issues resolved:

- PJL EOJ job name for USTATUS feedback
- PJL USTATUS Pages reporting when job is cancelled
- A "Wrong Paper Size" error will occur after waking up from sleep mode when printing using custom size media
- The name "Special" as a custom media type name
- Page Count numbers are not incrementing correctly and show an extremely high number
- Store/Call PCL macros on Flash Dimm
- Duplexing PCL macros
- PCL Macro overlay command for nested macros
- Switching between standard and custom page sizes multiple times
- SNMP OID fix for when Job Accounting is disabled

Added functionality:

- Support for IPv6 and IPsec
- Printing Access Controls (also known as Context Based Restrictions)
- Support for the Xerox Global Print Driver
- Support for WSD

Also includes the fixes (below) from the previous production release that was fully tested.

FIRMWARE RELEASE PS 4.1:

- Network router table overflow results in printer not responding to print request.
- Setting PIN through SNMP for Meter Toner/PagePack
- Long file name causing postscript error
- False low toner warning
- HPGL mode exit when followed by a PCL status command
- IBM special PCL control character ignored
- Edge Enhancement is now set to False (off)

**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. Use the arrow keys on the device's front panel to select the Information item and press Enter.
2. Press the down arrow key twice to scroll to the Information Pages item and press Enter.
3. Press the down arrow key to scroll to the Configuration Page item and press Enter.
4. 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 FW over a network connection

### 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.

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

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.

## **Updating the FW 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.

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.