

Installation and Setup of your Multi-Protocol Network card (part # 097S03745) for Phaser 6180 Printer, Phaser 6180MFP, and Phaser 6130

With the purchase of your new Multi-Protocol Network Card (MPC) – part # 097S03745 - you may need to upgrade the firmware in your printer and update your drivers to take full advantage of the functionality your new MPC card has to offer.

NOTE: The MPC card part #097S03745 replaces the MPC card offered with the Phaser 6180 – part #097S03773. Use the new card for all products (Phaser 6180, Phaser 6180MFP and Phaser 6130).

UPDATE PROCESS:

A. Print out a configuration page on your printer to find the current version number for your printer.

To print the configuration page:

Phaser 6180MFP:

1. Press the “System” button on the printer’s front panel.
2. Use the arrow keys on the printer’s front panel to select the “Information Pages...” item and press “Enter”.
3. Press the down arrow key twice to scroll to the “Information Pages” item and press “OK”.
4. Press the down arrow key to scroll to the “Configuration” item and press “OK”.
5. The printer prints two-three pages of configuration information.

Phaser 6180 / 6130 Printers:

1. Press the “Menu” button on the printer’s front panel.
2. Use the arrow keys on the printer’s front panel to select the “Information Pages...” item and press “Enter”.
3. Press the down arrow key twice to scroll to the “Information Pgs” item and press “OK”.
4. Press the down arrow key to scroll to the “Configuration” item and press “OK”.
5. The printer prints 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.

B. Compare the “Firmware Version” listed on your configuration page with the table below.

	Printer Firmware Version Required for New MPC card
Phaser 6180	Firmware Version: 200802181234
Phaser 6180MFP	Firmware Version: 200802151717
Phaser 6130	Firmware Version: 200802181501

If your current firmware does not match the versions listed above for your printer, you will need to update your printer firmware in order to use the new MPC card.

CAUTION: Be sure to download the correct firmware version for your printer. Follow the instructions included in the readme file on how to update your printer firmware.

Click on the link associated with your printer to download your firmware and download instructions.

Phaser 6180:

PC: http://download.support.xerox.com/pub/drivers/6180/firmware/winxp/en/6180_FW_IPv6.zip

Mac:

http://download.support.xerox.com/pub/drivers/6180/firmware/macosex/en/6180_Mac_FW_IPv6_20080218.dmg

Phaser 6180MFP:

PC:

http://download.support.xerox.com/pub/drivers/6180MFP/firmware/winvistax64/en/6180MFP_IPv6_FW_20080215.zip

Mac:

http://download.support.xerox.com/pub/drivers/6180MFP/firmware/macosex/en/6180MFP_Mac_FW_IPv6_20080215.dmg

Phaser 6130:

PC:

http://download.support.xerox.com/pub/drivers/6130/firmware/winvistax64/en/6130_IPv6_FW_200802181501.zip

Mac:

http://download.support.xerox.com/pub/drivers/6130/firmware/macosex/en/6130_Mac_IPv6_FW_20080218.dmg

The file you are downloading includes the firmware, download utility and instructions on how to correctly download the firmware to your printer.

NOTE: The firmware download utility over network only works in an IPv4 environment.

C. Install your Multi-Protocol Network Card according to the instruction sheet that shipped with your card.

NOTE: If you currently have an MPC card you purchased with your **Phaser 6180 printer (part # 097S03773)**, you may need to upgrade your MPC card to take advantage of the new features, including IPv6. You can find out the firmware version of your MPC card by looking on the Configuration page under Network Setup.

	MPC Firmware version required
Phaser 6180	18.03

If your current MPC firmware does not match the versions listed above for your printer, please update your Phaser 6180 printer MPC firmware. If you purchased an MPC card for your Phaser 6180MFP or Phaser 6130, the card firmware does *not* need updating.

NOTE: The firmware download utility over network only works in an IPv4 environment.

CAUTION: Follow the instructions included in the readme file on how to update your printer firmware.

Phaser 6180 – for upgrading your MPC card:

PC:

http://download.support.xerox.com/pub/drivers/6180/firmware/winvistax64/en/6180_MPC_1803.zip

D. Upgrade your Windows drivers with the latest version available on the support web site.

The Windows drivers you use will also need to be updated to the latest version available on the web.

Phaser 6180MFP: PostScript driver: 4.2.6

Phaser 6180MFP: PCL driver: 2.6.4

Phaser 6180: PostScript driver: 4.2.6

Phaser 6180: PCL driver: 2.6.5

Phaser 6130: PostScript driver: 4.2.6

Phaser 6130: PCL driver: 2.6.4

Note: The Macintosh drivers do not need to be updated. IPv6 will not be supported on the Macintosh.

E. For Phaser 6180MFP customers, upgrade your Utilities package

NOTE: For the Phaser 6180MFP, upgrade your system to the latest Utilities package, which includes both the Address Book Editor and the Express Scan Manager. Before updating to the latest Utilities package, use the Add / Remove Programs from Control Panel and remove the Xerox Phaser 6180MFP Utilities V 1.0.0.0.

Phaser 6180MFP:

PC: http://download.support.xerox.com/pub/drivers6180MFP/utls/winvistax64/en/6180MFP_Utilities.exe

IPv6 Configuration for Phaser 6180 Printer, Phaser 6180MFP, and Phaser 6130

Your Phaser 6180, 6180MFP and Phaser 6130 printers will support IPv4 and IPv6 protocols with the Multi-Protocol Network card (MPC). You can configure your IPv4 / IPv6 protocols using your CentreWare IS (CWIS) web page.

1. Launch your web browser.
2. Enter your printer's IP address in the browser's Address field. You will see the home page for the printer.
3. On the printer's home page, click **Properties**.
4. On the **Properties** tab, under **Protocols** on the left navigational panel, click **TCP/IP**.

Select the IP Mode setting from **IPv4**, **IPv6**, or **Dual Stack**. **Dual Stack** supports both **IPv4** and **IPv6**. The IP Mode selected determines the available settings on the TCP/IP page. See the Help pages provided with CWIS for information on setting the rest of your IPv4 and IPv6 settings.

Note: *You can set the IP mode from the front panel of your printer but most property settings must be done from your CWIS web page.*

Manual configuration of IPv6 address (CWIS):

- IP mode : Set 'IPv6' or 'Dual Stack'
- Enable manual Address(IPv6): Check the 'Enabled' check-box.

The available address for the manual 'IP address:' field are as follows:

- Unspecified Address :: , 0::0 – accepted
- Global Unicast Address - prefix 3bits: [001] – accepted
- Link Local Address: prefix 10bits: [1111 1110 10] (fe80) – not accepted
- Site Local Address: prefix 10bits: [1111 1110 11] (fec0) – not accepted
- Multicast Address: prefix 8bits: [1111 1111] (ff) – not accepted

Note: *the prefix length is not checked within CWIS if it is correct or not.
The appropriate value should be in the range of 0 to 128.*

Your Phaser 6180, 6180MFP and Phaser 6130 printers also supports IPSec with the Multi-Protocol Network card (MPC). You can configure your IPSec protocols using your CentreWare IS (CWIS) web page.

1. Launch your web browser.
2. Enter your printer's IP address in the browser's Address field. You will see the home page for the printer.
3. On the printer's home page, click **Properties**.
4. On the **Properties** tab, under **Security** on the left navigational panel, click **IPSec**.

The **IPSec** page is available when the Multi-Protocol Network Card is installed. Use this page to enable **IPsec** on the printer. **IPSec** is a protocol suite used for securing Internet Protocol (IP) communications by authenticating and/or encrypting each IP packet in a data stream. **IPSec** also includes protocols for cryptographic key establishment. **IPSec** can be implemented as part of a company's overall security policy. See the Help pages provided with CWIS for information on setting the rest of your IPSec settings. Work with your system administrator for setting up the printer according to your company's security policies.

Note: IPSec can only be enabled via CWIS. *You can disable IPSec from the front panel of your printer but all property settings must be done from your CWIS web page.*

Additional IPv6 Notes:

- Scan to Network over SMB: IPv6 does not use NetBIOS and the Windows Internet Name Service [WINS]). When setting up the SMB server in the Address book, when the NetBIOS name is set to 'Server Name', it can not connect to the SMB server. Set the 'Server Name' using either the IP address or FQDN in IPv6 mode.