

# Installation Instructions for Pharos Popup 8.0 on Mac OS X

## Before You Begin

1. Pharos Popup 8.0 requires Mac OS X 10.4 (Tiger) or later. To see what version of Mac OS X you are running, go to the Apple menu in the upper left corner of your screen and select `About This Mac`.

2. If you have any previous version of Pharos Popup installed on your system, be sure remove it before installing Popup 8.0. You can do so using the Uninstaller application located on your system in `/Library/Application Support/Pharos/Utilities/`

## Installing Pharos Popup 8.0 for Mac OS X

**NOTE:** During this setup process you may be required to authenticate yourself as an administrator of the machine.

1. Download the popup installer `Popup-v8.0.dmg`.
2. Double-click the file `Popup-v8.0.dmg` to open the disk image. This disk image contains the Popup 8.0 installer, `Popup.pkg`.
3. Double-click `Popup.pkg` to run it.
4. During the installation, you may be asked to select a destination disk. You will only be able to select the startup disk. Click `<Continue>` once the destination has been selected.
5. Click `<Install>` (or `<Upgrade>`) and Pharos Popup 8.0 and will be installed.

## Installing the Xerox Print Driver

If you are sure that your system has a Xerox Phaser 5550 print driver installed, you can skip this section. If you don't have such a driver installed, or aren't sure, follow the steps below.

1. Download the print driver installer `Phaser_5550_Installer_enu.dmg`.
2. Double-click the file `Phaser_5550_Installer_enu.dmg` to open the disk image. This disk image contains the Xerox Print Driver installer `Phaser 5550 Installer`.
3. Double-click the `Phaser 5550 Installer` to run it and agree to the license terms.
4. Select `Enter Printer's IP Address or DNS Name:` and enter `'0.0.0.0'` (without the quotes). After a few seconds the `<Install>` button should light up; when it does, click it.
5. A "No Supported Printer Found" message will appear. **This is OK.**
6. Select `Phaser 5550DN` from the list of printers and click `<Install>`.
7. When the installation completes, clear the `Register My Printer` box and click `<Finish>`.
8. Click `<No>` if asked about installing `Xerox Printing Scout`.

**Continued – See the instructions on the next page for Adding and Configuring Printers....**

## Adding and Configuring Printers

To complete the setup and to start using the Pharos printers, you will need to add a Pharos printer queue to your system. The process differs slightly depending on what version of OS X that you are using. Follow the instructions under the appropriate section below.

### *Mac OS X 10.4 (Tiger)*

1. Open *Printer Setup Utility* in */Applications/Utilities/*.
  2. If a printer named *0.0.0.0* is listed as a result of installing the Xerox Print Driver using the instructions above, you can safely delete it.
  3. Click the <Add> button in the toolbar, then hold down the <Option> key on the keyboard and click the <More Printers...> button.
  4. From the topmost menu, select *Advanced*.
  5. From the <Device> menu, select *Pharos Print Server*.
  6. In the <Device Name> field, enter a name for the new printer queue (for example, *Gates Hall Pharos Printers*).
  7. In the <Device URI> field, enter *popup://128.95.198.87/Gates\_Law\_School*.
  8. From the <Printer Model> menu, select a driver for a *Xerox Phaser 5550DN*. If you do not see this choice in the list, you will need to cancel the printer setup and see the section above called **Installing the Xerox Print Driver**.
  9. Click <Add>. The new Pharos queue will now show up in the list of printers.
  10. Next, configure the installable options for the printer. To do so, first close the *Printer Setup Utility*, and then open *System Preferences* from the Apple menu and click on the <Print & Fax> icon. Select the Pharos printer queue that you just added, and click <Printer Setup>. Switch the popup button below the printer name to *Installable Options* and select the following:
    - *Memory Configuration: 256MB Total RAM*
    - *Feature Set: DN*
    - *Optional Lower Trays: No Extra Trays*
    - *Optional Hard Drive: <unchecked>*
    - *Optional Duplex Unit: <unchecked>*
    - *Hole Punch Type: Not Installed*
    - *Optional Finisher: <unchecked>*
- Click <Apply Changes> and then close the *Printer Info* dialog box.
11. To print to the new queue, select it from the printer popup button in the print dialog of any application.

### *For Mac OS X 10.5 (Leopard)*

1. Open *System Preferences* from the Apple menu and click on the <Print & Fax> icon.

2. If a printer named `0.0.0.0` is listed as a result of installing the Xerox Print Driver using the instructions above, you can safely delete it.
3. Click the `<+>` button.
4. If the `<Advanced>` button is not showing on the Toolbar, you can add it as follows:
  - a. Hold down the `<Control>` key on the keyboard and click anywhere on the toolbar. From the popup menu that appears, select `<Customize Toolbar...>`.
  - b. Drag the `<Advanced>` icon to the toolbar, drop it there, and then close the customization dialog by clicking `<Done>`.
5. Click the `<Advanced>` button in the toolbar.
6. From the `<Type>` popup button, select `Pharos Print Server`.
7. In the `<URL>` field, enter `popup://128.95.198.87/Gates_Law_School`.
8. In the `<Name>` field, enter a name for the new printer queue (for example, *Gates Hall Pharos Printers*).
9. From the `<Print Using>` popup button, choose `Select a driver to use...` and then select a driver for a `Xerox Phaser 5550DN`. If you do not see this choice in the list, you will need to cancel the printer setup and see the section above called **Installing the Xerox Print Driver**.
10. Click `<Add>`. The system should ask you what installable options are present on the printer. When it does so, select the following:
  - Memory Configuration: 256MB Total RAM
  - Feature Set: DN
  - Optional Lower Trays: No Extra Trays
  - Optional Hard Drive: `<unchecked>`
  - Optional Duplex Unit: `<unchecked>`
  - Hole Punch Type: Not Installed
  - Optional Finisher: `<unchecked>`
11. Click `<Continue>`. The new Pharos queue will now show up in the list of printers.
12. If the system did not ask you what installable options are present on the printer in Step 9, you should specify that now. To do so, from `Print & Fax`, select the Pharos printer queue that you just added and click `<Options & Supplies...>`. In the window that opens, select `<Driver>`, specify the options listed in Step 9 and then click `<OK>`.
13. To print to the new queue, select it from the printer popup button in the print dialog of any application.

**Continued – See Additional Notes on the next page....**

## **Additional Notes**

Pharos Popup is currently not compatible with the Fast User Switching feature of Mac OS X. Always disable Fast User Switching when installing Pharos Popup on a client machine.

Print jobs from applications running in Classic mode will not use Pharos Popup for Mac OS X.

If a firewall is present between the client machine and the Pharos Popup and LPD Servers, the following ports must be opened for traffic for Pharos Popup to work properly:

- Port 515
- Port 28203