



# KIP Controller 5.2 Upgrade



## Upgrading Powerprint Software from 4.x to 5.2

The following instructions assume you are currently utilizing Powerprint version 4.X If you are running version 5.0, please see instructions for upgrading Powerprint 5.0 to 5.2 located on your Powerprint CD ([02. How to Upgrade from Powerprint 5-0 to 5-2.pdf](#))

All Powerprint components must be upgraded in order to function correctly.

When this Upgrade is performed on the **KIP Controller**, it is imperative that all **Scan-to-File** (STF) PCs, and **Request Client Workstations** are also updated. If all components are not updated, the software will not function correctly.

The program, called [4X\\_5.2\\_Controller\\_Upgrade.exe](#), will only be used to update the **KIP Controller**.

Separate programs will be used to update **Scan-to-File** (STF) PCs ([PP52\\_Scan.exe](#)), and **Request Workstations** ([PP52\\_Request.exe](#)). All files are located on your Powerprint CD or at [www.kipamerica.com](http://www.kipamerica.com).

Do not uninstall your existing software unless specified in this document.

**Notes:**

After the upgrade procedure, start up and shut down each program so that the required INI default settings are added. Please read the Tech Document prior to changing any new INI settings: [KIP Powerprint 5.2 Technical Information.pdf](#)

**Regarding Postscript and PDF file format printing in Powerprint 4.x vs. 5.2**

The *KIP Postscript* option from version 4.x does not have the capability to support Adobe Postscript Level 3 and/or current PDF formats. Therefore, we have removed support for previous KIP Postscript Options to utilize the *new KIP Powerscript<sup>3</sup>* Software Option. *KIP Powerscript<sup>3</sup>* is an advanced RIP for use with printing Postscript Level 1, 2, and 3, and PDF v1.4 formats. *KIP Powerscript* supports new Enhanced Scaling Graphic printing features for PS Level 3 and newer data embedded within PDF formats. To purchase *KIP Powerscript<sup>3</sup>*, please contact your local KIP Dealer.

## **Step 1: Determine whether you have an Internal or External controller.**

Please do not confuse the **Scan-to-File** (STF) PC with the **KIP Controller**. The KIP Controller is the PC that controls the print engine. The KIP Controller is not always immediately visible. Most current KIP Systems ship with an Internal Controller (a computer built within the printer).

### **Internal Controllers**

Starprint 1230

Starprint 2001, 2002, 2003

Starprint 2436

Starprint 4000

Starprint 5000

Starprint 8000\*

\*All Starprint 8000s are equipped with at least version 5.0.

### **External Controllers**

2710

2900

2950 STD or MAX

2950 SCSI

3620

3820 STD or MAX

3900

7090

7095 STD or MAX

Starprint 9000

9020

9810

9820

## **Step 2: Log onto the KIP Controller with full administrative privileges.**

If you are uncertain of an Administrative logon, contact your System Administrator.

For **External Controllers**, simply log on as a user with local Administrator rights.

### **For Internal Controllers:**

(Holding down the left SHIFT key will interrupt the autologon process).

- 1) **Advanced Users:** Use **Control-IT** Remote Control software to log on as a local Administrator. As part of the upgrade, new remote control software called VNC will be loaded. At the end of the Upgrade, Control-It will be uninstalled.
- 2) **Other Users:** Connect a CD-ROM, mouse, keyboard and monitor to the controller. Log on as a local Administrator. The remaining changes can be done via these attached devices. Please ensure power is switched off before attaching any devices.

### **Step 3: Remove Previous KIP Windows Driver and KIP PORTS from the Controller.**

Go to *Start, Settings, Printers*.

Delete any KIP printer objects, such as KIP, LPRKIP, and any other shared KIP printers or KIPjet drivers.

From the *Printers* window, go to *File, Server Properties*.

Highlight **KIPO** port and delete it. Highlight **KIP1** port, if available, and delete it. Highlight any other KIP ports and delete them. Close the Server Properties window.

Use Windows Explorer. Delete the **c:\kawpd** folder.

## **Step 4: Install NT Service Pack 6a on the KIP Controller**

NT Service Pack 6a is required in order to install and run Powerprint 5.2.

If the KIP Controller is not running NT Service Pack 6a, please install this update. Service Pack 6a is available on the Powerprint CD, or at [www.microsoft.com](http://www.microsoft.com).

**Reboot the KIP Controller when prompted. Log in as local Administrator.**

## Step 5: Install KIP Windows Driver 5.0 on the KIP Controller

Browse to the Powerprint 5.2 CD, *Windows Printer Driver*, *KAWPD* folder.

Copy the *KAWPD* folder from the CD drive, to the c:\ drive.

Run *c:\kawpd\printman.exe*. Select your printer model from the list supplied. **Accept all default settings** during the installation (Port Name, Computer Name, Destination Directory and Port Number)

Share this printer if the Controller is used in a Peer-to-peer network environment where no Sever is available or where users attach directly to the controller for Windows Printing. (Less than 10 users, and Guest account enabled)



## **Step 6: Update the KIP Controller to Powerprint 5.2 Suite**

There is no need to uninstall current software.

Browse to *CD-ROM Drive, Powerprint Installs* folder.

Run [4x\\_5.2\\_Controller\\_Upgrade.exe](#).

At the prompt, select either “Starprint Internal” or “Powerprint External” as determined in Step 1.

**Reboot the KIP Controller as prompted. Log on as Local Administrator.**

## Step 7: **Modify the Unattend Configuration File (Winuntd.ini)**

After the KIP Controller reboots, launch Powerprint Unattend. Now close Powerprint Unattend. This adds new lines to the configuration file called: *winuntd.ini*.

Use Windows Explorer. Browse to:  
*C:\program files\windows Unattend*  
Double-click *winuntd.ini*. This file will open in the text editor.

In the 4<sup>th</sup> paragraph, find the lines:

```
AddHpglCmd=  
AddRasterCmd=
```

Modify these lines to read the following:

```
AddHpglCmd=-K -D 300  
AddRasterCmd=-K
```

## **Step 8: Continue to modify the Unattend Configuration File (Winuntd.ini)**

Other changes you may need to make in your *winuntd.ini* file:

**CopyModeDelay=1** On KIP Internal Controllers only, for Automatic Copy Mode\*  
**LPDSpoolDirectory=** (Make sure this value is blank)  
**SerialPortDisplay=** (Set this value to -1 if no serial port display is present)  
**FolderPort=** (Set this value to 0 if no folder is present)

Now save this file and exit the text editor.

\* To Enable Automatic Copy Mode in 2000-Series Scanners, change Scanner Backup Data 20 = 0 (Scanner operation takes priority over printing)

## **Step 9: Uninstall the *Control-IT* Remote Control Program**

Go to START, PROGRAMS, CONTROL IT, select **REMOVE CONTROL IT**.

Control-It software can be uninstalled from the client workstations if necessary. All remote desktop manipulation will now be done through VNC and Powerprint Request Management features.

Shut down and power off the KIP Controller.  
Remove CD-ROM and attached devices as necessary.

Switch Power On.

**Controller Update is complete.**

## What To Do Next:

- Remove previous Windows Driver and KIP port(s) from network servers, if applicable, following the procedure in Step 3.
- Install the 5.0 Windows driver at the server and share it to client workstations.
- For more info, view or print the document(s) on your Powerprint CD that explains a server install for the Windows Driver: [\*!KIP Manuals Installation and Operation\Powerprint 5 Easy Setup.PDF\*](#) and [\*KIP Windows Driver 5.0.2002.03.pdf\*](#)
- Update **Scan-to-File** (STF) PCs using [\*PP52\\_Scan.exe\*](#).
- Update **Request Workstations** using [\*PP52\\_Request.exe\*](#)
- Update AutoCAD Drivers if applicable.