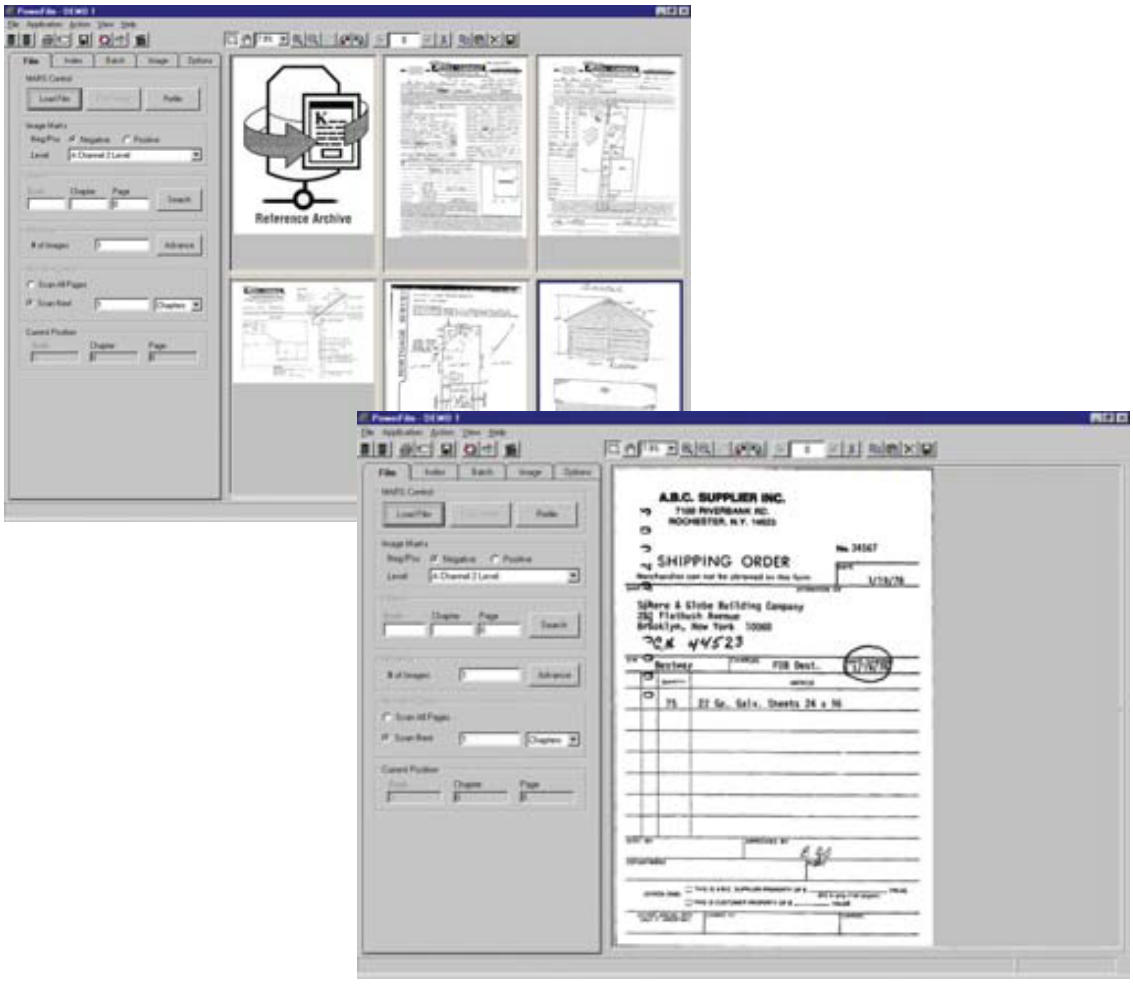
PowerFilm Application Software Installation Instructions

Version 5.5.2 for Windows 7, 8 and 10 32 and 64 bit

USB-2 and SCSI Interfaces



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Requirements for Installing PowerFilm 5.5.2

IMPORTANT:

Do not attach the DSV/DSV-E/DV Plus Scanner to the Host PC until told to do so. Please read these instructions in full before attempting the installation. If an earlier version of PowerFilm was installed on the Host PC, remove using Windows Add or Remove Programs" and also manually remove any remaining directory structure from the previous version of PowerFilm.

Host PC Hardware requirements:

Quantity	***Description***
1	Pentium 4 with 2GB RAM
1	USB-2 Interface (if the scanner is to be attached via this interface). This is only supported when using PowerFilm 5.5.2 with the 2400 and 3000 DSV-E & DV Plus Microfilm Scanners. **Note:** USB-1 is not supported.
1	Adaptec 2940 or 2930 or 2904 SCSI Controller. 2930 or 2940 recommended for Grey scale scanning (if the Scanner is to be attached via a SCSI Interface). **Note:** Required when using PowerFilm 5.5.2 with the 2400/3000 DSV and DSV-E Microfilm Scanners with the SCSI Interface.
	Monitor: **Screen Resolution:** PowerFilm has been designed to run in a minimum screen resolution of 800 x 600 pixels (small fonts). In this screen resolution PowerFilm's Control Tab parameters will optimally fit the screen. **Note:** 1. At a resolution of 800x600, it may be necessary to set the Windows Taskbar Options to *Auto Hide* to view the PowerFilm Status Bar. 2. It is recommended that "The Windows Color Palette" is set to the highest possible quality for the sharpest display of images.

Host PC software requirements:

PowerFilm is supported on the following Windows Operating systems:

- Windows XP Professional (Min SP2)
- Windows Vista Business Edition
- Windows 7,8 or 10 with PowerFilm version 5.5.2 or greater (either 32 or 64 bit versions).
- If the SCSI Interface is to be used, the SCSI Board must be installed and the drivers loaded and working before installing PowerFilm. You should be able to see the SCSI Board in Windows Device Manager.
- If PowerFilm 5.5.2 is to be used with the DSV/DSV-E SCSI interface, then WinAspi is required to be installed on the Host PC. On the PowerFilm installation CD there is a utility in the SCSI\ASPI32 folder to check if this is installed. The program is called ASPICHK.EXE. If WinAspi is not installed, in the SCSI\ASPI32 folder has the WinAspi program.

NOTE: Windows Vista and Windows 7,8, and 10 do not support WinAspi, therefore the SCSI Interface is not supported.

Scanner Hardware Interface requirements:

PowerFilm supports the SCSI or the USB interface on the 2400/3000 DSV and 2400/3000 DSV-E scanners. PowerFilm communicates with the scanner on the USB bus by default.

NOTE:

- PowerFilm 5.5.2 supports the 2400/3000 DSV & 2400/3000 DSV-E scanners with SCSI Interface installed, with Windows XP only.
- Windows Vista & Windows 7,8, and 10 do not support WinAspi which is a requirement for the SCSI Interface; therefore the SCSI interface is only supported under Windows XP.
- PowerFilm 5.5.2 supports 2400/3000 DSV-E and 2400/3000 DV PLUS scanner models with a USB-2 Interface installed on XP, Vista & Windows 7,8, and 10.

2400/3000 DSV-E & DV Plus Setup

USB-2 Interface:

To use the PowerFilm 5.5.2 with the USB-2 Interface, the 2400/3000 DSV-E & 2400/3000 DV PLUS models must report back to the Host PC as a “Konica Minolta 6000/7000 MKII” for it to work. The “ob” setting in the DSV-E Function Mode must be set to “d0”

SCSI Interface:

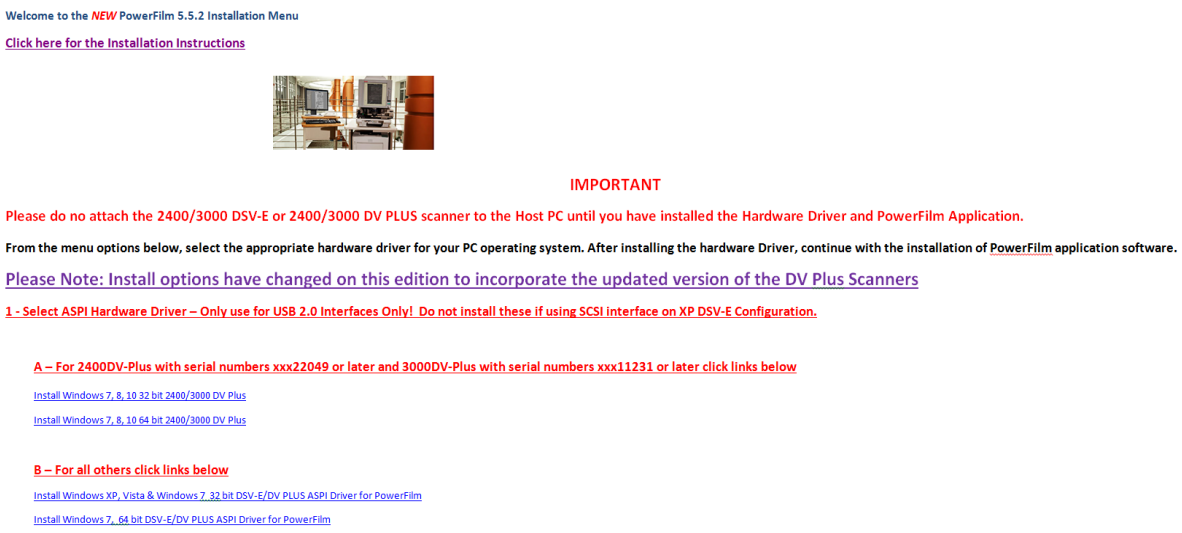
To use the PowerFilm 5.5.2 with the SCSI Interface, the 2400/3000 DSV & 2400/3000 DSV-E scanners must report back to the Host PC as a “DSV” for it to work. The “ob” setting in the scanner Function Mode should be set to “d2”.

Please contact Eastman Park Micrographics or your reseller for details how to change these settings on the DSV, DSV-E or DV Plus.

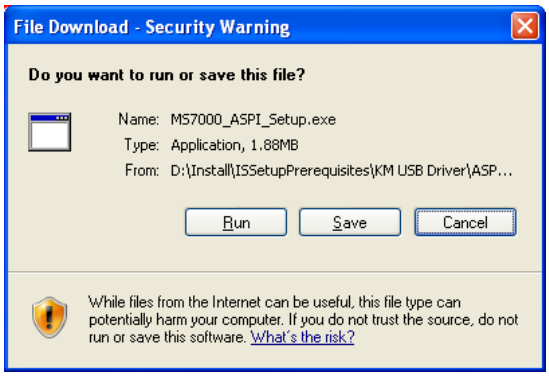
Installing PowerFilm 5.5.2 Software with Scanners using USB-2 Interface

If you are using the scanner's USB interface, **do not attach** the scanner to the PC until PowerFilm has successfully been installed. The PowerFilm installation program will detect the presence of the appropriate USB drivers and automatically install them if they are not already installed.

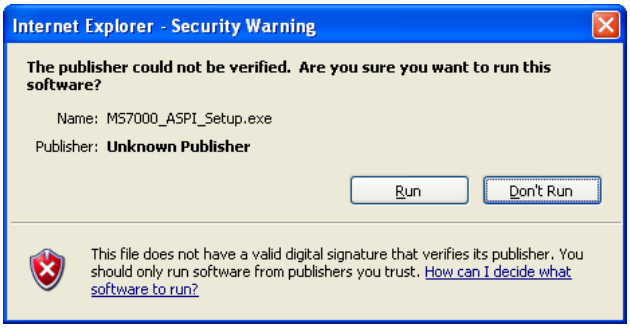
1. Insert the PowerFilm installation CD into the CD drive.
2. The CD should Autorun. If not, click on "Menu.htm" from the root of the CD. A browser window should open as shown below:



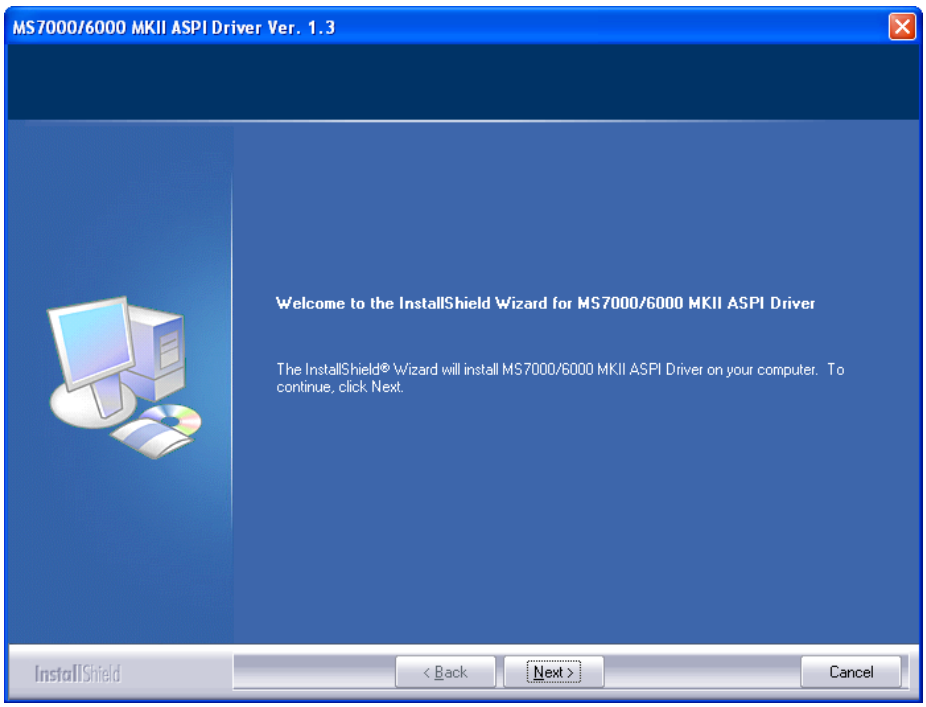
3. First click on either the 32 or 64 bit version of the ASPI driver to install under step 1on the browser window. This screen should come up:



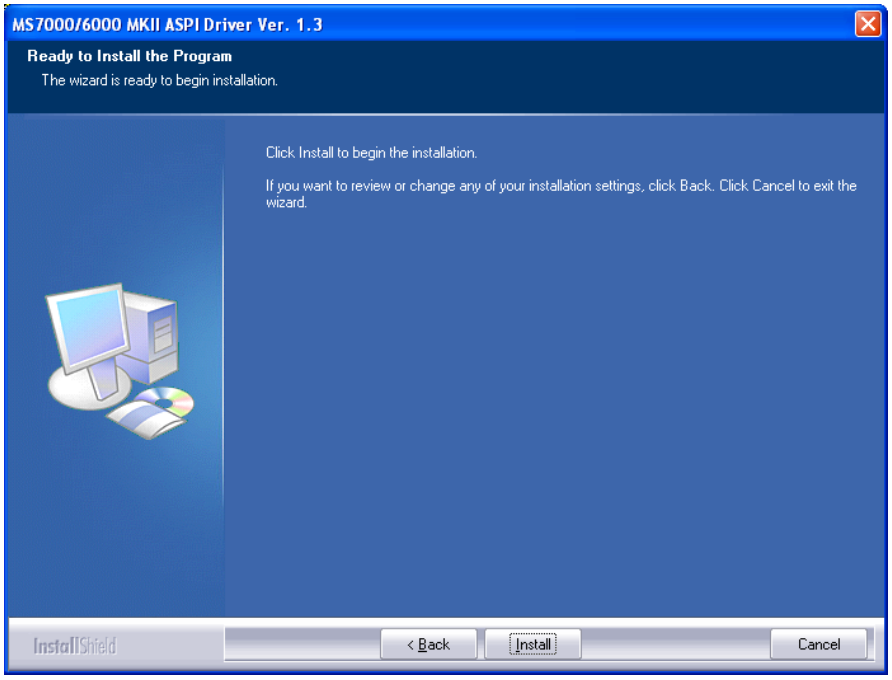
4. Click on **Run**, then the following Security may appear:



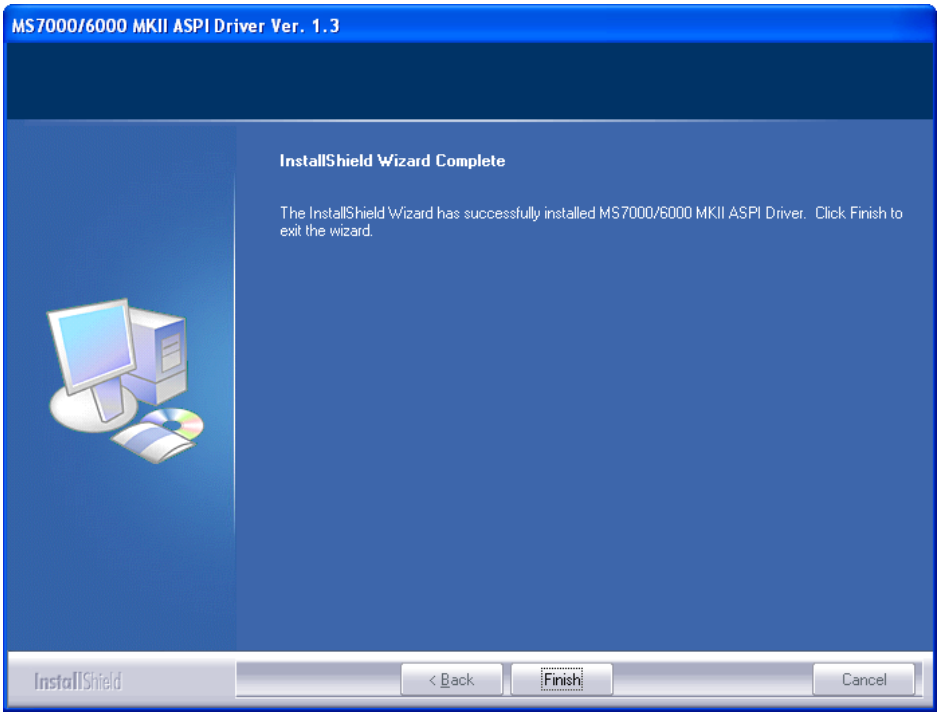
5. Click on **Run**, then this screen will come up:



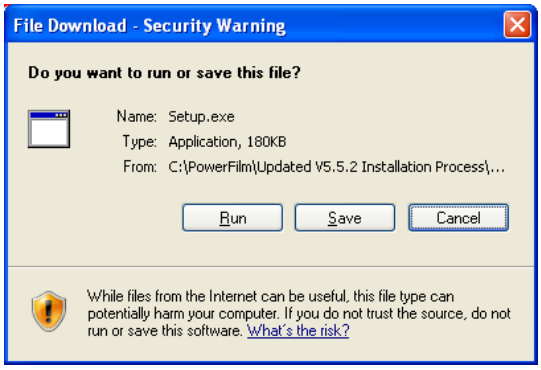
6. Click on **Next** to start the ASPI Driver Installation:



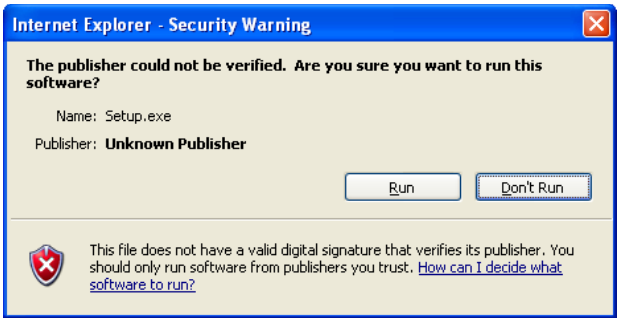
7. Click on **Install** to start the ASPI Driver Installation



8. Click on **Finish** to complete the ASPI Driver Installation. You are now ready to install the actual PowerFilm software. To install, click on Install PowerFilm Application Software under step 2. This screen should come up:



9. Click on **Run**, then this screen will come up:



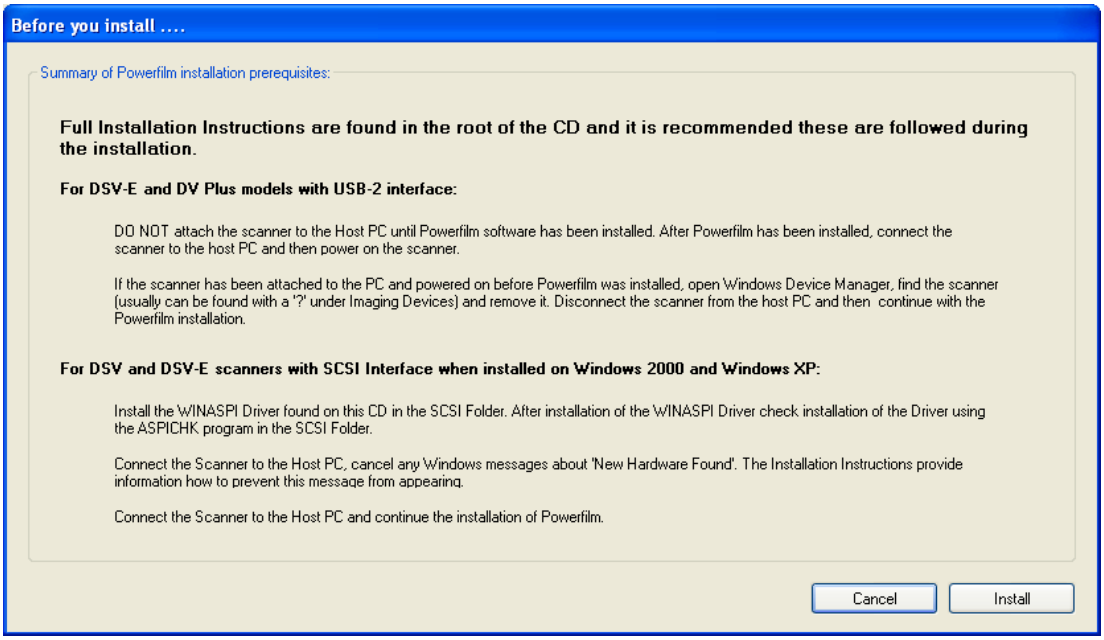
10. Click on **Run**, then the PowerFilm installation start up screen will prompt you for the language you would like to run PowerFilm in.



11. Click on the **flag** representing the language you would like to install in.

Note: This will affect the language the installation screens are displayed in as well as the PowerFilm interface language.

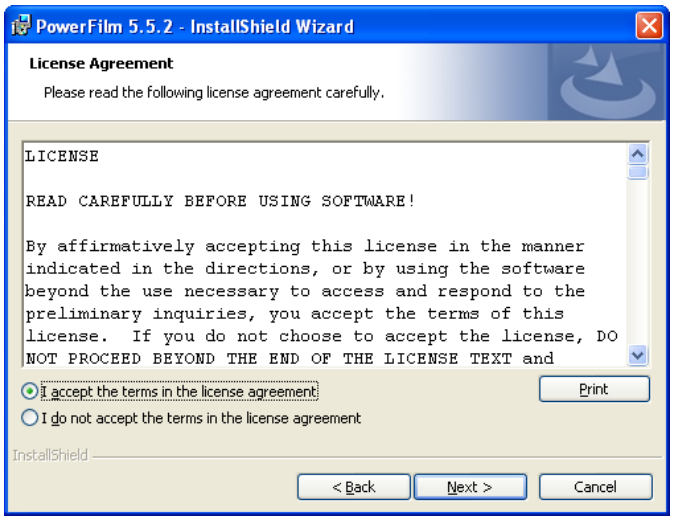
12. Click on **Install** after reading the summary of prerequisites:



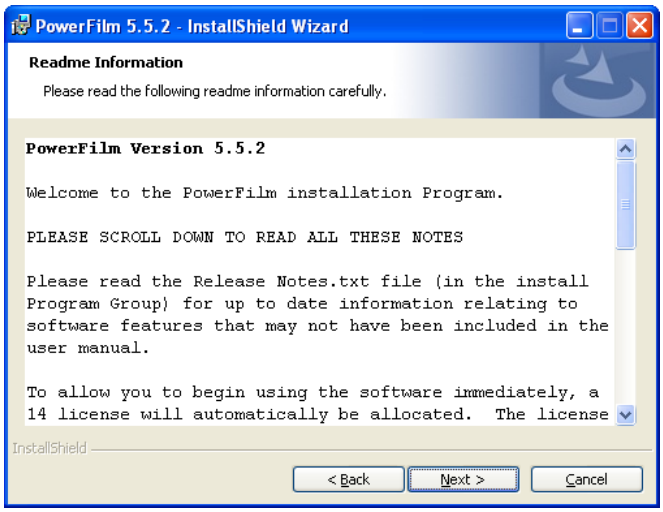
13. When the next screen appears click **Next**.



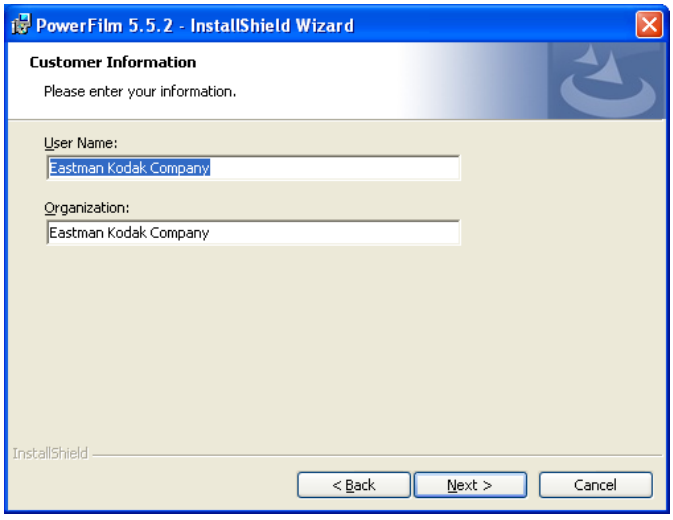
14. PowerFilm 5.5.2 will continue to install. **ACCEPT** the License Agreement and click on **Next**.



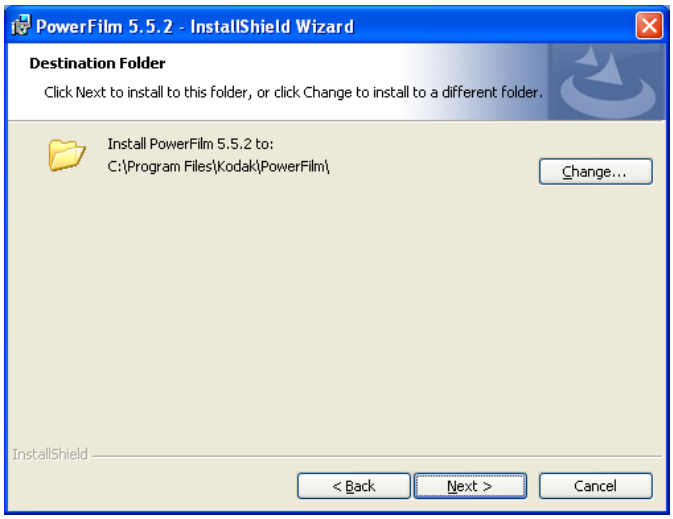
15. When the “ReadMe Information” screen appears, please take a few seconds to read the information., and then click on **Next**.



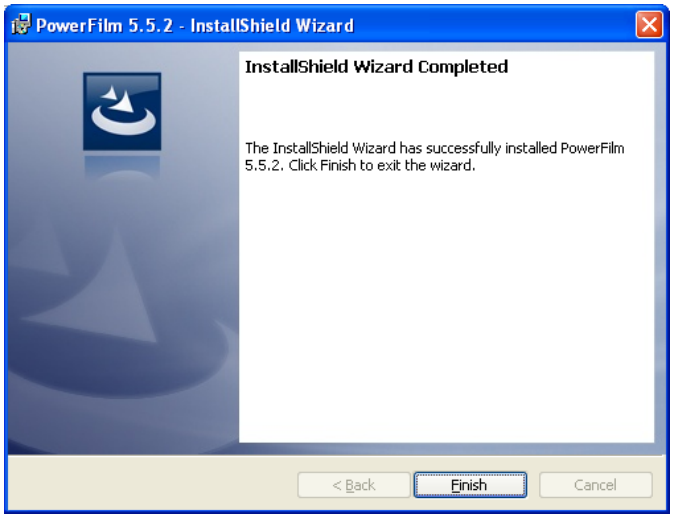
16. Enter the **User Name** and the **Organization** and the click on **Next**.

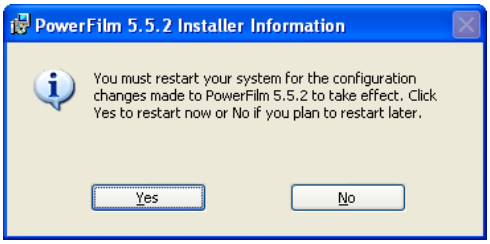


17. Choose the **Default installation directory**, or change to an alternative, then click on **Next**.



18. Click **FINISH** to complete the installation and then **Yes** to reboot the PC.





19. If you are using the scanners USB interface, attach the scanner to a USB2 port on the PC and switch on the scanner. Windows should recognize that the scanner is connected and display messages the Drivers are being loaded.

20. Check Windows Device Manager that the Scanners has been detected and displayed as a **Konica Minolta 6000/7000 MKII.** If the Scanner is not detected correctly the “ob” setting in the DSV-E Function Mode should be set to “d0”. Please contact Eastman Park Micrographics or your reseller to check the DSV-E is set correctly.

21. You are now ready to start PowerFilm. See the *PowerFilm software licensing procedure* below.

22. Power down the Scanner, Connect the USB-2 cable from the Scanner to the Host PC. Power on the Scanner. on the Front Panel of the DSV is showing **Pc.** If it isn’t, then hold the **[SHIFT]** & **[PC/PR]** keys together for 2 seconds until the LED display shows **Pc**.

23. Start PowerFilm. If PowerFilm reports any errors, please contact the Eastman Park Micrographics Support.

NOTE:

- Refer to the PowerFilm Manual for information about operating the software.
- You have 14 days to register the software and obtain a Software Site Key from Eastman Park Micrograhics Support. For details how to generate a Software Site Key.

The process to obtain a Software Site key normally takes less than 2 working days. Please email the relevant information to quality@epminc.com

PowerFilm Software Licensing Procedure

The PowerFilm software licensing system has been engineered to make installation and registration of the software easy. A License Manager program is provided to allow users to configure their licenses. When the software is installed, a 14-day license is automatically enabled. The following section describes the steps involved in obtaining a permanent license for the software.

Please refer to the software registration form that you should have received with the software.

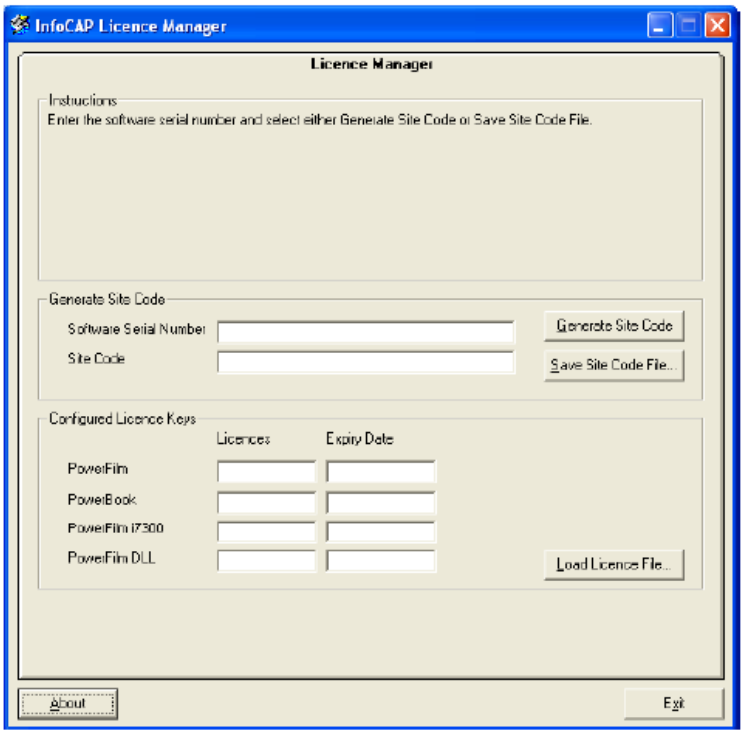
Licensing the Software

Once the 14-day license has expired, a **Software License KEY** is required to activate an unlimited license. This key ties the installation of PowerFilm to the PC you are installing the software onto. The **Software License KEY** can be requested at any time during (or after) the 14-day period.

Software Site CODE

The **Software Site CODE** is an encoded number that uniquely identifies your PC. Your **Software License *KEY*** is generated from the **Software Site *CODE*** and so is only valid for the PC on which the **Software Site *CODE*** was generated.

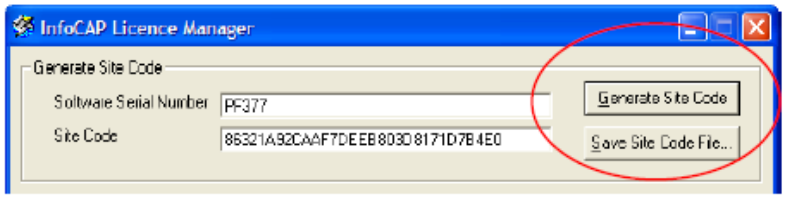
To generate your **Software Site CODE**, you need to run the License Manager. From the Windows Start menu, navigate to the **KODAK-PowerFilm** Program Group and select **License Manager**. The License Manager user interface is displayed.



The License Manager interface is divided into two sections; *Generate Site Code* and *Configured License Keys*.

Generating Site Codes

The *Generate Site Code* section allows you to enter the serial number (ref. Number) for the software (which can be found on the product packaging and on the software registration form) and generate your unique **Software Site Code**. Enter your Software Serial Number (ref. Number) and press the **Generate Site Code** button.





You should now save a Site Code File (SiteCode.dat) by pressing the **Save Site Code File** button.

Software License KEY

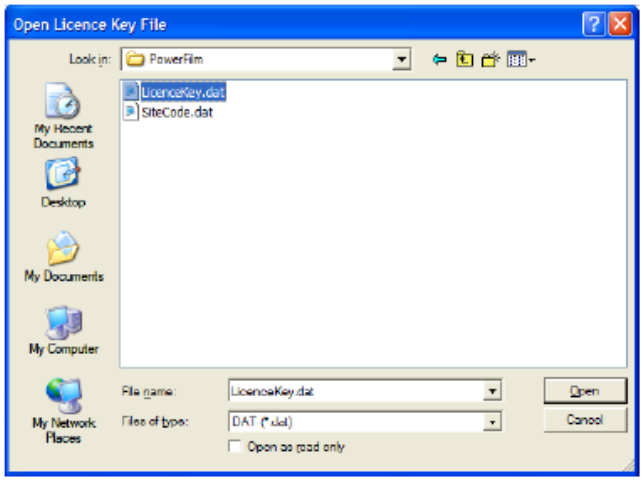
You obtain your Software License KEY by sending the following details along with the SiteCode.dat file to: mailto: CIG.Service.Engineering@kodakalaris.com

- Your name and contact details
- Your company name and address
- Date the software was received

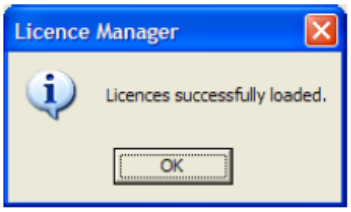
Reference number for the software (on the product packaging) Once your request for a **Software License Key** has been processed, you will be sent a License File that you can use to configure your License in the License Manager.

Configuring License Keys

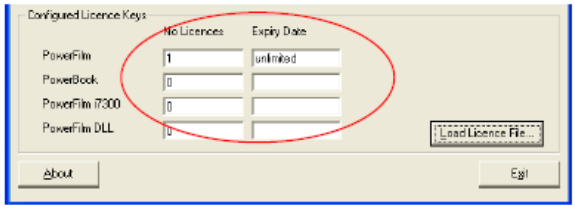
When you receive your License File (LicenseKey.dat), save it to the same location you used when saving the SiteCode.dat file and then run the License Manager again. This time using the **Load License File** button in the lower part of the License Manager interface, add the License to the system.



Once you have opened the License File, you should receive confirmation that the licenses were successfully loaded.



Once you have loaded the License File, your configured Licenses will be displayed in the user interface.



You may now close the License Manager program and start using the software.

Configuring PowerFilm 5.5.2 to use the SCSI Interface.

NOTE:

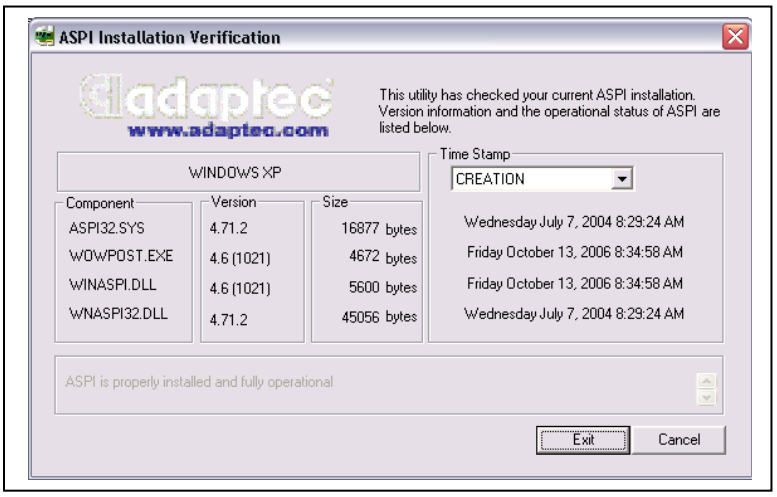
Windows Vista, Windows 7, 8 and 10 do not support WinAspi, therefore the SCSI Interface is not supported.

If you are using the scanner's SCSI interface, the Adaptec SCSI Host Adapter should be installed and configured before installing PowerFilm. Check all cable connections on the PC and scanner. In most cases, the scanner should be powered up before the computer.

To use the PowerFilm 5.5.2 with the SCSI Interface, the 2400/3000 DSV-E must report back to the Host PC as a Konica "DSV" for it to work. The "ob" setting in the DSV-E Function Mode should be set to "d2"

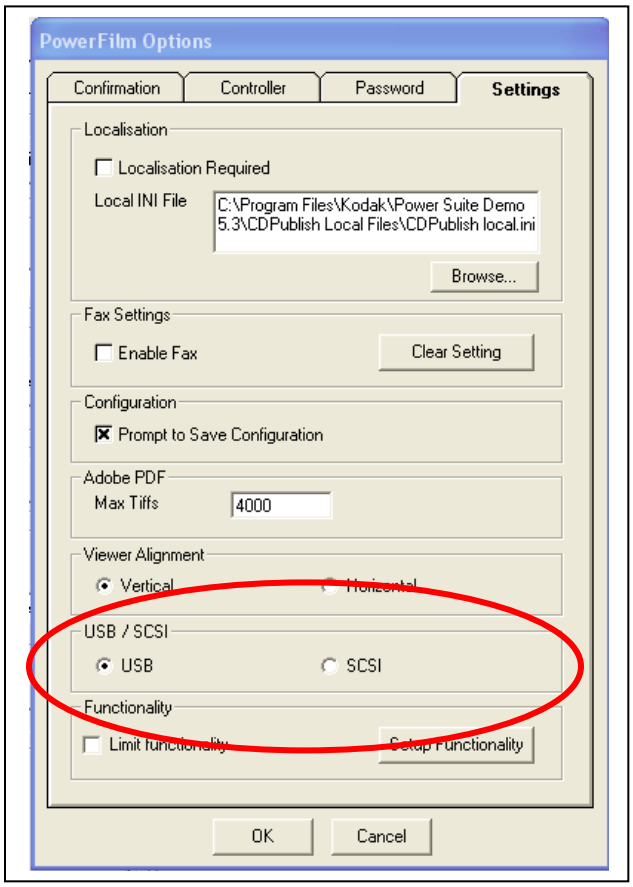
Please contact Eastman Park Micrograhics or your seller for details how to change these settings on the DSV-E.

1. Check WinAspi is installed on the Host PC by running the utility ASPICHK.EXE program found on the PowerFilm 5.5.2 Installation CD in the SCSI\ASPI32 folder. A screen similar to this should appear showing the version numbers.



CONTINUED ON NEXT PAGE

2. If WinAspi is not installed, in the SCSI\ASPI32 folder has the WinAspi program.Start PowerFilm. From FILE>OPTIONS>SETTINGS TAB select the SCSI Interface.



NOTE: If WinAspi is not installed and the SCSI option is selected, the following message will appear:



3. Click OK.

4. Power off the DSV and the Host PC. Connect the SCSI cable from the Scanner to the HOST PC. Power on the Scanner. on the Front Panel of the DSV is showing **Pc.** If it isn't, then hold the **[SHIFT]** & **[PC/PR]** keys together for 2 seconds until the LED display shows **Pc**.

5. Power on the Host PC. When Windows displays "Found New Hardware" follow the procedure in Appendix 1.

6. Ensure the Scanner is seen in Windows Device Manager as a DSV scanner. Start PowerFilm and test operation.

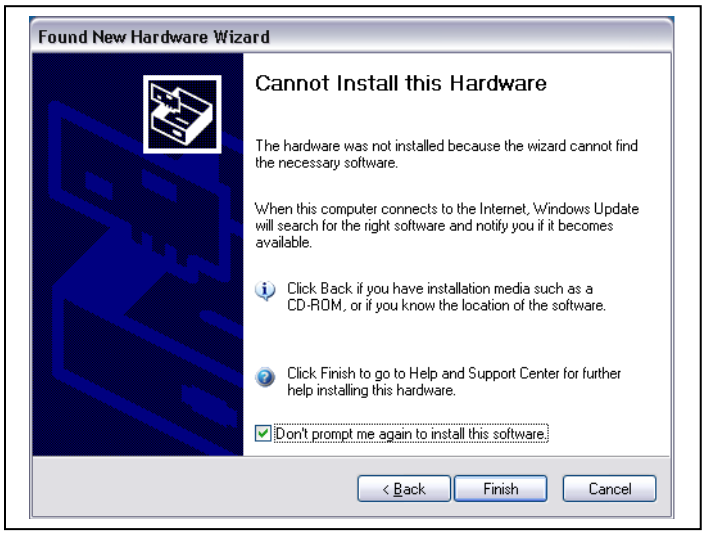
Appendix 1.

1. Once the PC has booted into Windows XP a “FOUND NEW HARDWARE” message box will appear:



NOTE: Check the new Hardware found indicates the DSV as a 2400/3000DSV scanner. If not, contact the Kodak European Systems & Support Group.

2. Select the option for "Install the software automatically". Windows XP will show the following dialog box



3. A Windows driver is not required to run the DSV with PowerFilm. To stop Windows XP from prompting you to load a driver, check the box labeled "Don't prompt me again to

install the software". Then finally click "Finish". A balloon window will appear in the taskbar to say that the new hardware is installed and ready to use.

4. To verify the scanner has installed, check the Device Manager Window and the scanner should be present under the "Other Devices" heading.

