



VirtualReScan (VRS) 4.1

Release Notes

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Introduction

These release notes include information about the following topics:

- Additional documentation and resources
- Supported scanners
- New features in VRS 4.1
- Important upgrade and installation notes
- Resolved problems
- Known problems
- Scanner endorser annotation information
- Technical support

Please read these notes carefully, as they contain information that is not included in the VirtualReScan (VRS) 4.1 documentation or online Help.

Additional Documentation and Resources

These release notes are supplemental to the following VRS 4.1 documentation:

- *VRS Easy Installation Guide*
- *VRS Installation Guide*
- *VRS User's Guide*
- VRS online Help
- VRS frequently asked questions (FAQs)
- Scanner Configuration Utility online Help

A printed copy of the *VRS Easy Installation Guide* is included in your product package. An expanded set of installation instructions is available from the *VRS Installation Guide*, which is available in PDF format, along with the *VRS User's Guide*, from the VRS installation CD and the Kofax Web site. The *VRS User's Guide* PDF is also available from the Help menu in the VirtualReScan Interactive Viewer.

If you purchase VRS online, the *VRS Installation Guide* and the *VRS User's Guide* in PDF format are included when you download the product from the Kofax Web site.

Note For additional technical information about VRS, visit the Kofax Web site at www.kofax.com and select the VRS Support pages. The VRS Support pages provide product-specific information, such as current revision levels, the latest drivers and software patches, Frequently Asked Questions (FAQs), technical tips, and updates to product release notes and documentation.

Supported Scanners

For information about scanners supported with VRS 4.1, use the Kofax Scanner Configurator. The Configurator provides up-to-date information about scanners supported with Kofax products.

► **To access the Kofax Scanner Configurator**

- 1 Visit the Kofax Web site at www.kofax.com.
- 2 Select the Scanner Configurator link.

New Features in VRS 4.1

In VRS 4.1, the following additions have been made to the product feature set:

- Advanced Clarity option
- Scanner Configuration Utility
- Expanded support for automatic updates
- Ability to purchase VRS online
- Ability to upgrade VRS online

For more information on the new features, refer to the *VRS User's Guide*, the VRS online Help, or the Scanner Configuration Utility online Help.

New Features Added in Service Pack 2

This product includes the new features that were added in VRS 4.1 Service Pack 2. These features, described in this section, are not yet documented in the *VRS User's Guide* or the VRS online Help.

Compatibility with the Windows Vista 32-bit Operating System

VRS 4.1 is certified to run on a Windows Vista 32-bit operating system. For details, refer to *Windows Vista Considerations* on page 3.

As before, VRS is also certified to work on the following operating systems:

- Windows XP Professional, SP2
- Windows 2000 Professional, SP4

Auto Orientation Support Expanded

Support for the VRS auto orientation feature has been expanded to include Asian languages as well as the Arabic, Cyrillic, and Greek languages. As with earlier releases, the auto orientation feature will continue to detect page content in English, French, Italian, Spanish, and German.

When the auto orientation feature is enabled, VRS uses the text content in any of the previously mentioned languages to determine if a sheet has been scanned in a non-standard page orientation. If so, VRS will automatically rotate the page. For more information on auto orientation, see the VRS online Help or the *VRS User's Guide*.

Scanning Paper with Holes

Two new features are useful when you use a black background scanner to scan paper with holes:

- **Hole Filling:** When scanning paper with notebook holes or tractor feed holes, you may prefer not to retain the hole marks in the scanned image. You can select the Fill Holes option on the Noise panel to enable the feature that automatically fills in the hole marks on the images with the background color of the surrounding area.
- **Ignore Holes:** Depending on the content sensitivity setting for the Blank Page Deletion feature, VRS may fail to delete pages that are blank except for the marks associated with holes in the paper. You can avoid this issue by selecting the Ignore Holes option on the Blank Page panel when Blank Page Deletion is in effect. With Ignore Holes selected, VRS can detect a blank page, even if it contains hole marks.

A VRS Professional license is required when you use the Fill Holes and Ignore Holes features.

Support for the TIFF Technical Note 2 Format

This service pack includes support for the TIFF Technical Note 2 format for embedding JPEG-compressed data in TIFF files. Once the service pack is installed, you have the ability to read files in the TIFF Technical Note 2 format. To write to files in this format, it is necessary to add the following entry to the Defaults section of the kofax200.ini file in your VRS installation:

```
TIFF_JPEG_Style=2
```

Other Changes Since VRS 4.0

If you are upgrading to VRS 4.1 from VRS 4.0, you will notice a change in licensing terminology. The class of features licensed as “VRS Plus” in VRS 4.0 has been renamed to “VRS Professional.” Likewise, the class of features licensed as “VRS Standard” has been renamed to “VRS Basic.” In keeping with this change, one item has changed on the Tools menu in the VirtualReScan Interactive Viewer: the “Enable Plus Features Demo” option has been renamed to “Enable Professional Features Demo.”

Also, some items that displayed on the Help menu in VRS 4.0 have been relocated to the Kofax VRS program folder: Check for Updates and Activate VRS.

Important Upgrade and Installation Notes

This section outlines key information that you should review prior to installing VRS 4.1.

Windows Vista Considerations

Important Before installing VRS on a Windows Vista operating system, be sure to review the information in this section.

Confirming Your Windows Vista Edition

This VRS product is certified with the 32-bit edition (not the 64-bit edition) of Windows Vista. You can use the procedure in this section to confirm your Windows Vista operating system edition.

► To verify your Windows Vista edition

- 1 Click Start, right-click Computer, and then click Properties.
- 2 In the System group, verify the value of “System type” as one of the following operating systems:
 - 32-bit Operating System
 - 64-bit Operating System

User Account Control

You must turn off User Account Control while you are installing or uninstalling VRS 4.1 on a computer where the Windows Vista operating system is running.

► To turn off User Account Control

- 1 Log in to Windows Vista under the account that will be used when you install or uninstall VRS 4.1.
- 2 From Control Panel, select User Accounts | Turn User Account Control on or off.

- 3 Clear the check box labeled “Use User Account Control (UAC) to help protect your computer,” and then click OK.
- 4 Restart your computer and proceed with the installation or uninstallation process.
- 5 After you install or uninstall VRS 4.1, turn on User Account Control again, according to your preferences.

Windows Vista Incompatibility with Some Scanners

The following scanners are not certified to work with VRS in a Windows Vista environment: (SPR00029343)

- Kodak i100 series
- Kodak i200 series
- Kodak i600 series
- Panasonic KV-S1020C, KV-S1025C, and KV-S2048

Scanner Communication Issue

Some scanner manufacturers have not yet certified their scanner drivers to work in a Windows Vista environment. As a result, you may notice that a reserved scanner loses its ability to communicate with the scanning application if the application is closed and reopened. In this situation, you might receive an error message indicating that the scanner could not be detected, even though it worked successfully in a previous scanning session. (SPR00029426)

Workaround: Once you power cycle the scanner and restart the computer, communications between the scanner and the scanning application are restored.

VRS Upgrade Process

If you are upgrading to VRS 4.1 from an earlier VRS version, keep the following guidelines in mind:

- You cannot install VRS 4.1 successfully over a version of VRS that is earlier than VRS 3.5. If your VRS installation version is earlier than VRS 3.5, you must upgrade to VRS 3.5 before proceeding with the VRS 4.1 installation. You can download the VRS 3.5 upgrade from the Support pages on the Kofax Web site at www.kofax.com.
- You can install VRS 4.1 over an existing version of VRS 3.5 or VRS 4.0. It is not necessary to remove VRS 3.5 or VRS 4.0 before upgrading to VRS 4.1. When installing VRS 4.1 over an existing instance of VRS 3.5, the installer will detect the earlier version and display the message shown in Figure 1. In this case, click Continue and then proceed with the installation procedure according to the instructions in the *VRS Installation Guide*.

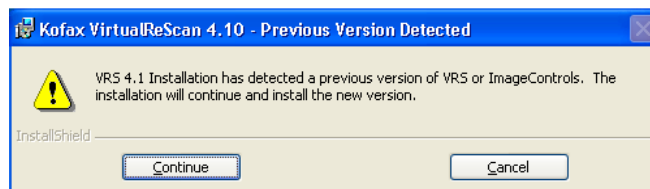


Figure 1. Installer Detects VRS 3.5

When installing VRS 4.1 over an existing instance of VRS 4.0, the installer will detect the earlier version and display the message shown in Figure 2. In this case, click Yes and then

proceed with the installation procedure according to the instructions in the *VRS Installation Guide*.



Figure 2. Installer Detects VRS 4.0

Upgrading from VRS 3.5 to VRS 4.1 with a Software License

If your VRS 3.5 installation was licensed with a hardware key or a Kofax Adrenaline 650i hardware accelerator, and you are installing VRS 4.1 Basic or Professional with a software license, be sure to review the information in this section before you start the software installation procedure in the *VRS Installation Guide*.

If you intend to install a VRS 4.1 Basic license, do the following during the installation process:

- Keep the VRS 3.5 hardware key or the Adrenaline 650i hardware accelerator in place during the VRS 4.1 installation process.
- When the Product Information screen is displayed, select the “I am upgrading from VRS 3.5 to VRS 4.10 Basic” check box. The other items on the screen will be grayed, and you should click Next to proceed.
- When the Activate VRS dialog box is displayed later in the installation procedure, be sure that the hardware key or hardware accelerator is still in place. The “Upgrade from VRS 3.5 to a 4.1 Basic license” item will be selected, and the other items on the dialog box will be grayed. From the Activate VRS dialog box, click Activate.
- When the Register VRS dialog box is displayed, make sure the appropriate information is filled out, and then click Register Now.
- If applicable, remove the VRS 3.5 hardware key after you finish the VRS 4.1 installation procedure. Keep the hardware key in a secure location for future reference.

If you intend to install a VRS Professional license, do the following during the installation process:

- Keep the VRS 3.5 hardware key or the Adrenaline 650i hardware accelerator in place during the VRS 4.1 installation process.
- When the Product Information screen is displayed, enter the applicable information provided at the time of your VRS 4.1 Professional license purchase. The product information for this screen is provided on a pre-printed label in your product package. (If you purchase the product online, the product information is issued from the Kofax Web site and also sent via email at the time of purchase.)
- When the Activate VRS dialog box is displayed later in the installation procedure, be sure that the hardware key or hardware accelerator is still in place. The “Enter product information for a license” item will be selected, and the information entered earlier on the Product Information screen is displayed in the appropriate fields. When you click “Get License Code,” the license code will be retrieved from the license server and then the Activate VRS dialog box will close.
- If applicable, remove the VRS 3.5 hardware key after you finish the VRS 4.1 installation procedure. Keep the hardware key in a secure location for future reference.

Upgrading from VRS 3.5 to VRS 4.1 with a Hardware Key

If your VRS 3.5 installation was licensed with a hardware key and you are installing VRS 4.1 Professional with a hardware key, be sure to review the instructions in this section before you start the software installation procedure in the *VRS Installation Guide*.

- Keep the VRS 3.5 hardware key in place during the VRS 4.1 installation process.
- When the Product Information screen is displayed, click Next without making any entries.
- When the message is displayed to indicate that information is missing, click Continue to proceed without returning to the Product Information screen.
- Continue with the installation according to the instructions in the *VRS Installation Guide*. After you restart the computer, replace the VRS 3.5 hardware key with the VRS 4.1 hardware key. Keep the VRS 3.5 hardware key in a secure location for future reference.

Upgrading from VRS 4.0 with a Hardware Key

If your VRS 4.0 installation was licensed with a hardware key, be sure to review the instructions in this section before you start the VRS 4.1 installation procedure in the *VRS Installation Guide*.

- Keep the VRS 4.0 hardware key in place during the VRS 4.1 installation process.
- Follow the software installation procedure in the *VRS Installation Guide*. You can bypass the instructions related to the following screens, because they are not applicable when the hardware key is in effect: User Identification, Product Information, Destination Folder, and Activate VRS.

Installing VRS 4.1 Professional with a Hardware Key

If your VRS 4.1 Professional product is licensed with a hardware key, and you are not upgrading from VRS 3.5 or VRS 4.0, review the instructions in this section before you start the installation procedure in the *VRS Installation Guide*.

- Before starting the software installation, attach the VRS 4.1 hardware key to any available USB port on your computer.
- If the Found New Hardware Wizard dialog box displays when the computer detects the hardware key, click Cancel to close the wizard. The drivers required for the hardware key will be added later in the installation process and, as a result, the dialog box will not display again.
- Proceed with the VRS software installation according to the instructions in the *VRS Installation Guide*. Because you have a hardware key, the installation procedure will be slightly different than the one described in the guide, as noted here:
 - When the Product Information screen appears, click Next to bypass it. Then, click Continue in response to the message about missing product information.
 - Continue with the VRS installation procedure and bypass the section in the guide that explains how to complete the Activate VRS dialog box, which is not applicable when VRS 4.1 is licensed with a hardware key.

VRS Component Installers

If you download a VRS Component Installer from the Kofax Support Web pages, be sure to select the version that matches your VRS installation version. For example, VRS 4.1 requires a VRS 4.1 Component Installer, and VRS 4.0 requires a VRS 4.0 Component Installer.

VRS and Ascent Capture

VRS 4.x is installed “silently” as part of all Kofax Ascent Capture 7.x installations. Therefore, it is not necessary to install VRS separately if you have an Ascent Capture 7.x installation already in place. When installed silently with Ascent Capture, VRS does not appear as a separate entry on the “Currently installed programs” list in the Add or Remove Programs utility.

- VRS 4.0 is installed silently with Ascent Capture 7.0.
- VRS 4.1 is installed silently with Ascent Capture 7.5.

In an Ascent Capture installation, the availability of VRS functionality is dependent upon the terms of the Ascent Capture license. For details, refer to your Ascent Capture documentation.

Other Considerations

- If necessary, you can install VRS 4.1 successfully over an existing Ascent Capture 7.0 or Ascent Capture 7.5 installation.
- If you install VRS 4.1, and then you install Ascent Capture 7.0/7.5, the proper scan sources will not be available in Ascent Capture. However, if you reinstall VRS 4.1 after installing Ascent Capture, the issue with the scan sources will be resolved.

VRS 3.5 and Ascent Capture

If you are using VRS 3.5 with your Ascent Capture 5x/6x installation, and then you upgrade to Ascent Capture 7.5, you may need to complete the procedure in this section to ensure proper VRS licensing.

After upgrading to Ascent Capture 7.5, your VRS 3.5 installation will be upgraded automatically to VRS 4.1. However, unless the VRS 4.1 license is properly activated, VRS will run in demo mode and a Kofax logo will be stamped on all scanned images. This occurs in the following situations:

- Your Ascent Capture 7.5 licensing does not include a VRS Professional license.
- Your VRS 4.1 Basic license has not been activated.
- Your VRS 4.1 Professional upgrade license has not been activated.

You should follow the procedure in this section if **all** of the following apply to your installation:

- You currently have VRS 3.5 installed on your computer, and it is licensed with either a hardware key or a Kofax Adrenaline 650i hardware accelerator.
- You currently have Ascent Capture 5x/6x installed on your computer, and you intend to upgrade to Ascent Capture 7.5.
- Your Ascent Capture 7.5 licensing does not include a VRS Professional license.
- You have not activated a VRS 4.1 Basic license or a VRS 4.1 Professional upgrade license.

► To activate the proper VRS license

- 1 Keep your VRS 3.5 installation and hardware key or Adrenaline 650i hardware accelerator in place.
- 2 Install Ascent Capture 7.5 according to the instructions in the *Ascent Capture and Ascent Capture Internet Server Installation Guide*.
- 3 Once the Ascent Capture installation is done, navigate to the Activate.exe file in your VRS installation, which is typically located at:
Program Files\Kofax\Imgctl\Bin\Activate.exe
- 4 Double-click Activate.exe. The Activate VRS dialog box is displayed (Figure 3).

- 5 Do **one** of the following:
 - Select “Upgrade from VRS 3.5 to a 4.10 Basic license” if you have a VRS 4.1 Basic license. When the other items on the dialog box become grayed, click Activate.
 - Select “Enter product identification for a license” if you have a VRS 4.1 Professional upgrade license, and then continue to the next step.

Figure 3. Activate VRS Dialog Box

- 6 If you selected “Enter product identification for a license” in the previous step, enter the part number, serial number, and product code issued with your VRS 4.1 Professional upgrade license and then click “Get License Code.”
- 7 The Activate VRS dialog box will close, and a message is displayed to confirm successful activation. Click OK to clear the confirmation message.
- 8 When the Register VRS dialog box is displayed, make sure the appropriate information is filled out, and then click Register Now.
- 9 Remove the VRS 3.5 hardware key (if applicable) and keep it in a secure location for future reference.
- 10 Demo mode will no longer be in effect, and your scanned images will not be stamped with a Kofax logo.

Scanner Configuration Utility

Once you install VRS 4.1, the Scanner Configuration Utility is available from the Kofax VRS program folder. The utility replaces the Kofax Source Manager (KSM) utility and the Restore Default Values (RDV) utility, which have been discontinued with the release of VRS 4.1.

A KSM item is placed in the Control Panel when you install VRS 4.1. If you select KSM after installing VRS 4.1, you will be redirected automatically to the Scanner Configuration Utility. You will no longer be able to access the KSM utility.

If a copy of the RDV utility exists on your computer from an earlier release, RDV will be detected during the VRS 4.1 installation process, and the installer will remove it. If necessary, you can use the Scanner Configuration Utility to restore VRS default property values. For details, refer to the *VRS Installation Guide*, the VRS online Help, or the Scanner Configuration Utility online Help.

Minimum Requirements Update

Although the *VRS Installation Guide* lists Microsoft Internet Explorer 5 in the “Minimum Requirements” section, the minimum requirement is actually Microsoft Internet Explorer 5.01 (or higher). For optimal performance, Microsoft Internet Explorer 6 is recommended.

Scan Demo

Because Scan Demo 2.0 is not compatible with VRS 4.1, any existing instance of Scan Demo 2.0 will be removed automatically by the VRS 4.1 installer. If you wish to use Scan Demo with VRS 4.1, you must install Scan Demo 4.1, which is available from the VRS installation CD. If you purchased VRS 4.1 online, Scan Demo 4.1 is available from the Scan Demo folder included in the files that you downloaded from the Kofax Web site.

Checking for Product Updates

Since the *VRS Installation Guide* was published, a minor change has occurred in the installation procedure. According to the procedure in the guide, the Check for Updates dialog box is displayed during the installation process only after a VRS Professional license has been activated. However, the installation procedure has been updated so that the Check for Updates dialog box is always displayed, regardless of the VRS license classification (Professional or Basic).

After installation, all users can manually select the Check for Updates item from the Kofax VRS program folder at any time. Additionally, users with an activated VRS Professional license can use the automatic update checking option to check for product updates at regularly scheduled intervals.

Documentation Update

Since the publication of the *VRS Installation Guide* and online Help, a minor change has occurred in the behavior of the download process for VRS product updates. As a result, the VRS Update Manager now has the ability to “remember” that a product update was downloaded without being installed during a previous session. Therefore, although the documentation states otherwise, you can now rely on the VRS Update Manager to “remember” the existence of a previously downloaded update that was not installed.

As mentioned in the documentation, when you install a VRS product update, it appears as a separate entry from the base VRS installation in the list of “Currently installed programs” in the Add or Remove Programs utility. When you remove VRS product updates, the base VRS installation remains intact. However, if you remove the base VRS installation, all associated product updates are automatically removed.

In the event that you have installed multiple VRS product updates, only the most recent update is listed in the Add or Remove Programs utility. If you remove the most recent update, VRS reverts to the previously installed update, and the list in the Add or Remove Programs utility is updated accordingly.

Resolved Problems

This section contains information about issues that were resolved in VRS 4.1 Service Pack 2, which is included in your installation.

EBC Licensing with Ascent Capture

If you are using VRS in an Ascent Capture installation that is licensed for the Adrenaline Enhanced Bar Code (EBC) engine, a licensing conflict no longer interferes with your ability to use EBC. In a prior release, a licensing conflict sometimes prevented access to the EBC features. (SPR00026798)

Canon DR-9080C Performance

Improvements have been made so that performance issues do not occur when VRS 4.1 is used with a Canon DR-9080C scanner. In a prior release, performance was adversely impacted after changes were made to the default scanner properties. (SPR00025783)

Automatic Color Detection Issue with TWAIN Scanning Applications

You can now use VRS Automatic Color Detection successfully with a TWAIN scanning application (except for Adobe Acrobat 7.0 and Windows Imaging Pro 2.0). In a prior release, a GPF error occurred if you attempted to use the Automatic Color Detection feature with a TWAIN scanning application. (SPR00027503)

Saving Property Values from VCDemo with a Kodak i660 Scanner

When using VCDemo with VRS and a Kodak i660 scanner, you can now save property values successfully to an .ini file from VCDemo. In a prior release, the following error occurred if you attempted to save property values to an ini file: (SPR00013872)

```
Error 380 - Invalid Property Value
```

Fujitsu 4220C2 / 5650 SCSI Scanners

When you select a Fujitsu fi-4220C2 SCSI scanner or a Fujitsu fi-5650 SCSI scanner during the VRS installation process, a "Device not Found" message no longer appears when you select the scan source from the scanning application. (SPR00015290)

Known Problems

This section contains information about potential problems that you could encounter while using VRS 4.1.

Installing VRS 4.1 Service Pack 2 on a Non-English Windows XP Operating System

When you use a restricted user account to access scanning applications on a non-English Windows XP operating system, errors are sometimes generated when you attempt to select a VRS scan source. (SPR00025141)

Workaround: Kofax has investigated restricted user permission issues associated with non-English Windows XP operating systems, and we believe that the VRS product complies with established best practices. Some variances have been reported but not verified; for more information, refer to the workaround in knowledgebase article 307091, which is available from the Microsoft support Web pages.

Long Document Scanning with a Böwe Bell + Howell Spectrum Series Scanner

When using VRS 4.x with a TWAIN scanning application set for long documents in color mode, the following error occurs if you scan a 300 DPI document with a Böwe Bell + Howell 8000 scanner. (SPR00015096)

```
KFX Error Code:KER_PARAMVALUE
```

Workaround: The error may be resolved if you scan at a lower resolution or select a different mode, such as black and white or grayscale.

Automatic Color Detection and Adobe Acrobat

If you are using Adobe Acrobat to scan documents, an error will occur if you enable Automatic Color Detection from the Color panel in the VRS Adjustment Controls. The error occurs because some TWAIN applications, such as Adobe Acrobat, do not support the ability (required for Automatic Color Detection) to process batches that consist of both color images and bitonal images. (SPR00006219)

Workaround: To use Automatic Color Detection successfully, you can scan your images using a Kofax ImageControls-based application, such as Ascent Capture, VCDemo, Scan Demo, etc. If the scanning application is based on ImageControls 3.75B or later, the ability to generate PDF files will be supported. If not, you have the option of importing the scanned images into Adobe Acrobat.

Auto Orientation and High Resolution Grayscale Scanning

When using the VRS auto orientation feature for high resolution (such as 400 DPI) grayscale scanning, you may notice that the auto orientation fails with some scanners, depending on their ability to produce quality grayscale output. (SPR00015655)

Workaround: You can avoid the problem by scanning at a lower resolution.

Kodak i40 Component Installer on Japanese Operating Systems

When you select the Kodak i40 scanner during the VRS 4.x installation on a computer running under Japanese Windows XP SP1, an error occurs when you restart the computer after the installation is finished. As a result, the installation of the Kodak i40 scanner driver is unsuccessful. (SPR00015502)

Workaround: After installing VRS and restarting the computer, you can manually install the Kodak i40 driver by navigating to the Kodak folder on the VRS installation CD and selecting the CI-Kodak-i40.exe file.

Endorser and Böwe Bell + Howell Spectrum Scanners

If you are using the endorsing feature with Böwe Bell + Howell Spectrum scanners, a problem will occur if you move the endorser and open the scanner cover while scanning is in progress. As a result, the annotation and endorsing will not be synchronized. (SPR00008181, SP00008182)

Workaround: Do not move the endorser or open the scanner cover while scanning is in progress.

Adrenaline SCSI Scanner Controller Installation

If you use the VRS 4.x installer to install an Adrenaline SCSI Scanner Controller, it will be listed as "Kofax VirtualReScan <4.x>" in the "Currently installed programs" list in the Add or Remove Programs utility. This occurs if you select "Install Adrenaline SCSI Scanner Controller only" from the VRS installation wizard. (SPR00015587)

Workaround: If you need to remove your Adrenaline SCSI Scanner Controller installation, select "Kofax VirtualReScan 4.x" from the "Currently installed programs" list in the Add or Remove Programs utility.

Scanner Selection for Adrenaline SCSI Scanner Controller Installation

If you use the VRS 4.x installer and select the "Install Adrenaline SCSI Scanner Controller only" option, and then select a Böwe Bell + Howell Spectrum series scanner during the installation process, the scanner will not work properly. (SPR00015620)

Workaround: The scanner will work properly if you select the "Install VRS and an Adrenaline SCSI Scanner Controller" option during the installation process.

QC Mode Selection for ISIS Applications

When using an ISIS application, you can set the VRS stop interval by selecting QC Modes from the VRS taskbar menu. In order for the settings to go into effect, the ISIS scanner interface dialog box must be open when you select the QC mode. From the ISIS scanner interface dialog box, you also need to update your scanner presets to save the QC Mode settings.

VRS ISIS Interface and Endorsing

If you are using VRS with PixTools or QuickScan Pro, you have the option of specifying a counter after the endorser text in the Endorser Settings dialog box. In order for the counter to increment properly, you must enter the pound sign (#) at the end of the counter.

Kofax SCSI Utilities and VRS Sometimes Install in Separate Folders

If you install VRS 4.x with a production scanner that results in the installation of the Kofax SCSI utilities, they are always installed to the Bin subfolder under the default VRS installation folder, which is c:\Program Files\Kofax\Imgctl. However, if you specify a VRS installation folder that differs from the default location, the installation path for the Kofax SCSI utilities is not updated accordingly. (SPR00015433)

Workaround: You can launch the Kofax SCSI utilities (Firmware Loader utility and INI Loader utility) from the default installation folder.

Source Creation for Kodak i50 / i60 Scanners

If you specify a Kodak i50 scanner or a Kodak i60 scanner during the VRS installation process, scan sources are created automatically for both scanner models. Even though extra sources are available, the correct default source will be selected from your scanning application. (SPR00023250)

Removal of Adrenaline 650 / 650i Scanner Controller Driver

The Adrenaline 650/650i scanner controller Initio driver (InAspi32.sys) sometimes is not removed when you uninstall VRS 4.1. This occurs if the driver is in use. (SPR00023649)

Workaround: To ensure that the Adrenaline 650/650i scanner controller driver (InAspi32.sys) is removed when you uninstall VRS 4.1, do the following:

- Turn off the scanner power.
- Disconnect the scanner from the computer.
- Restart the computer.
- Uninstall VRS 4.1.

Scanner Endorser Annotation Information

The Automatic Endorser/Annotation Properties dialog box (Figure 4) allows VRS users with scanners capable of automatic endorsing to enable or disable the automatic endorsement and annotation features and define various settings. These settings include the Counter “Inc On Patch” and Counter “Reset On Patch” features.

Enabling the “Inc On Patch” or “Reset On Patch” features automatically enables patch code detection as shown on the Patch Code Properties dialog box (Figure 5). However, with VRS, disabling the patch code detection option from this dialog box will not disable the “Inc On Patch” or “Reset On Patch” features. The features will continue to work properly even if the patch code detection check box is not checked. To disable “Inc On Patch” or “Reset On Patch,” select “Inc Off” or “Reset Off” (respectively) from the Automatic Endorser/Annotation Properties dialog box. Please refer to the *ImageControls 3 Programmer’s Guide* and *Language Reference* for more information on how to use these dialog boxes.

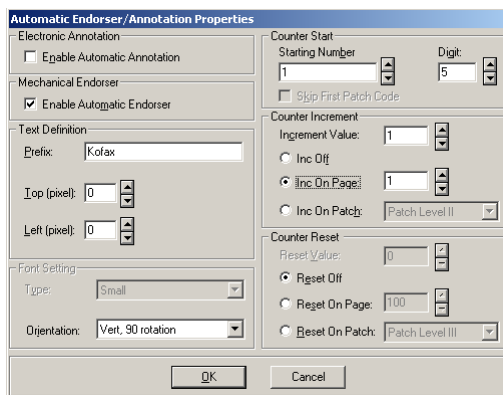


Figure 4. Automatic Endorser/Annotation Properties Dialog Box

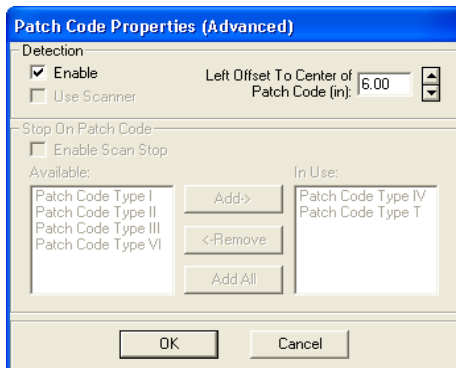


Figure 5. Patch Code Properties Dialog Box

Note When using VRS-certified scanners, the “Stop On Patch Code” items are grayed (Figure 5).

Implementation

Due to the differences in scanner drivers and their limitations, ImageControls support of endorser features varies between scanners (Table 1).

The ImageControls Auto Endorser/ Annotation Properties dialog box and your scanner's ISIS endorser dialog boxes may both be used. Kofax has made every attempt to synchronize the endorser settings between the two dialog boxes. A good rule of thumb when making changes to these dialog boxes is "The Last one Wins." If you update ImageControls dialog boxes after you update ISIS dialog boxes, the ImageControls settings supersede the ISIS settings, and vice versa.

Table 1. ImageControls Capability by Scanner Family

Capability Name	Fujitsu fi-4340C/fi-4530C/fi-4640S/fi-4750C/ fi-47501/M4097D/M4099D	Kodak i250/i260	Canon DR5080C
Counter Increment Step	0, 1, 2 ¹	1	0, 1, 2 ...
Counter Start Number	0 - 65535 / 99999 (16-bit endorser) ²	0 - 999999999	0 - 999999999
Endorsing string counter Y offset	Converted to pixels	Unable to convert ⁴	Converted to pixels
Endorsing string counter X offset	Not supported	Not supported	Not supported
Auto EA font type	Not supported	Small / Medium	Small / Medium
Auto EA font orientation	Not supported ³	Vertical 0°, 90°	Vertical 0°, 90°, 180°, 270°

1 ImageControls doesn't support a negative number as an increment step.

2 Fujitsu fi-4860C: 0-65535; other Fujitsu scanners: 0-99999.

3 Only available through the scanner's generic ISIS endorser dialog box. See instructions below. With Fujitsu fi-4530, Vertical 0°, 90°, 180°, 270°.

4 ImageControls is unable to convert this value into pixels, due to a missing ISIS API.

Kodak i200 Series (i250, i260)

The endorsers for these scanners allow the start number to begin with zero, but the number will restart from one rather than zero when the counter reaches its maximum value, and any padding zero(s) will be gone. (SPRs 28677 and 29133)

Technical Support

For additional technical information about Kofax products, visit the Kofax Web site at www.kofax.com and select an appropriate option from the Support menu. The Kofax Support pages provide product-specific information, such as current revision levels, the latest drivers and software patches, online documentation and user manuals, updates to product release notes (if any), technical tips, and an extensive searchable knowledgebase.

You can find VRS FAQs on the VRS Support pages. The Kofax Web site also contains information that describes support options for Kofax products. Please review the site for details about the available support options.

If you need to contact Kofax Technical Support, please have the following information available:

- VRS software version and build number
- Scanning application
- Operating system and service pack version
- Scanner make and model
- SCSI scanner controller (if applicable)
- Special/custom configuration or integration information