Kodak Ngenuity Series Scanners Software Release Notes

InstallSoftware_Ngenuity_v1.5 Summary

Purpose of Release: This release includes an update to Kodak OEM VRS 5.1 Professional to allow the support of Windows 8. Updated direct TWAIN and ISIS drivers were also included in this release.
*(**Note:** The drivers included on this CD cannot be used to install a BBH branded Ngenuity scanner.)*

Date: June 2014

Supported Models:
All Kodak branded Ngenuity scanners. (9090DB,9090DC,9125,9150)

Supported Firmware Versions:
MC 2.10.02 (or higher)
CGA 3.50.008 (or higher)

Versions:

VRS:	VRS 5.1.0474Kodak
ISIS driver:	1.5.11208.14001(Aug 14, 2012)
TWAIN:	1.9.0.0 (Oct 16, 2013)
PIXKOFAX:	1.16.11203.22001
NOU (Operator Utility)	2.10.03

New Features from previous version (1.4):

- Kodak OEM VRS 5.1 Professional

Improvements from previous version (1.4):

- Updated User Manuals
- Switching from direct driver (TWAIN/ISIS) to VRS driver no longer requires that the scanner be rebooted.
- TWAIN - PR#21376 - Improve support of the CAP_XFERCOUNT capability to allow values other than -1 and 1.
- ISIS - Show layout property sheet to allow the user to change page size for each stream on in EMC's InputAccel application.
- ISIS - TAG_MANUFACTURER and TAG_SCANNERMODEL were added.

Notes:

1. If installing VRS 5.1 on Windows 8, Microsoft .NET 3.5 must first be installed. You may install .NET 3.5 from an internet connected PC by using the Control Panel selecting Turn Windows Features On or Off and select .NET 3.5.
2. If upgrading the TWAIN driver on an existing PC you must first un-install the existing TWAIN driver labeled "Kodak Ngenuity Scanners TWAIN driver" in the Add/Remove programs control panel
3. Use of the SCSI interface is not supported with this release.
4. Physical patch sheets must be printed to specification to be read by the Kodak Ngenuity scanner. Patch sheets that have been used on other Kodak scanners may not work on the Kodak Ngenuity Scanner if they were not printed within the specified bounds.   Patch code samples with scaling measurement bars are available for download from the Kodak web site.
5. Patches starting more than 1 inch (to 4 in) from the lead edge pass Patch test in NOU but do not read in normal scanning.

InstallSoftware_Ngenuity_v1.4 Summary

Purpose of Release: This release includes an update to Kodak OEM VRS 5.0 Professional and several other improvements to the Ngenuity scanner as described below.

(Note: The drivers included on this CD cannot be used to install a BBH branded Ngenuity scanner.)

VRS 5.0 Professional includes the new "Fluent" user interface, the Kofax Source Manager and VCDemo have been replaced with the VRS Admin Console and VRS Test Console (similar to the Kofax Elite VRS version). If you are not familiar with VRS Elite it is recommended that you review the VRS Installation Guide in the VRS folder on the downloaded installation CD and use the online help available in the VRS Admin Console and VRS Interactive Viewer following installation.

In General Kodak OEM VRS 5.0 Professional is identical to VRS Elite with the exception of the following VRS Elite only features.

- o Edge Fill
- o Merge Sides
- o Intelligent Halftone
- o Auto Profile
- o Device Health - Local
- o Device Health - SNMP Support

Upgrades from VRS 5 to VRS Elite are available for purchase from Kofax.

Date: January 2012

Supported Models:

This software/driver release versions 1.4 will only support Ngenuity scanners that report to the host PC in Windows Device Manager as a "Kodak Ngenuity 9000…" or "Kodak 9000…" device. If your Ngenuity scanner reports in Device Manager as a "BBH 9000…" device then you will need to update the scanners firmware to the Kodak Branded version 2.x (or later) firmware before you will be able to connect to the scanner using these drivers and software.

The firmware of the Ngenuity scanner MUST be updated to version 2.10.x or later before updating the host PC with the new drivers to ensure all VRS and NOU improvements are supported.

The most current firmware version is available for download from the Kodak scanner web site under Support -> Drivers and Downloads ->Kodak Branded Ngenuity Scanner Firmware

Supported Firmware Versions:

MC 2.10.02 (or higher)
CGA 3.50.008 (or higher)

Versions:

VRS:	5.00.933 Kodak
ISIS driver:	1.5.11009.20001
TWAIN:	1.7.0.0
PIXKOFAX:	1.16.11102.1001
NOU (Operator Utility)	2.10.03

New Features from previous version (1.2):

- Kodak OEM VRS 5.0 Professional
- Allow color toggle patch scanning to start in black and white scanning.
- Do not return the images of color toggle patches.
- Allow control of printing on patch pages with the Imprint Patch Code Sheets checkbox.
- Add Pause/Restart capability for Very Long Document (VLD) mode scanning.
- NOU: Display imprinter print head status on NOU Home screen.
- NOU: Add patch code sheet verification wizard to NOU Maintenance screen.
- NOU: Add "Audio Version" text box display to Scanner Details to NOU dialog.

Improvements from previous version (1.2): (includes firmware improvements)

- CR#2978 - Improve patch code reading. Patches can be closer to the top of the document.
- CR#3086 - Support New Camera Calibration to improve color image quality by reducing streaks.
- CR#3092 - Add support to allow downloading of new sounds via firmware download.
- CR#3115 - Maintain Batch Counter values between application executions.
- PR#15283 - NOU Corrected issues with Korean Screen formatting.
- PR#15359 - Improved Red Color Dropout.
- PR#16827 - Corrected issues with PIXKOFAX Endorser and Annotation Offset.
- PR#16889 - Corrected issue with TWAINKofax interface "Default Settings" feature.
- PR#17205 - PIXKOFAX layer fails when there is more than 256 ISIS presets.
- PR#17226 - Correct Peripheral Mechanical Malfunction Error.
- PR#17227 - Punch holes in paper can cause image from last page that was fed to be lost.
- PR#17446 - Correct problems when print strings runs off the end of a page.
- PR#17782 - Correct issues with Multifeed detection when Manual feed mode is used.
- PR#18086 - Correct issues with Canceling Camera Calibration.
- PR#18145 - Correct issue with F1 (Test Feed) after Stop.
- PR#18151 - Improve consistency of Advanced Clarity after Multifeed detection.
- PR#18523 - MF Ignore front panel key press gets ignored by CGA/VRS.
- PR#18553 - Correct unexpected counter increments for patch pages during Multifeed events. Ngenuity 9150 only.
- PR#18790 - Corrects an issue Very Long Document Mode (VLD) where all images segments are not the same length.
- PR#18880,18768,18790,18791 - Corrected several issues with VLD mode.

Notes:

6. Use of the SCSI interface requires manual installation of the Kofax ASPI Drivers found in the VRS folder on the installation CD.
7. If using Kodak Capture Pro software Kodak Capture Pro version 3.0 or higher must be used with the Kodak Branded Ngenuity Scanner.
8. Physical patch sheets must be printed to specification to be read by the Kodak Ngenuity scanner. Patch sheets that have been used on other Kodak scanners may not work on the Kodak Ngenuity Scanner if they were not printed within the specified bounds.   Patch code samples with scaling measurement bars are available for download from the Kodak web site.
9. The only difference between CD 1.3 and CD 1.4 was to upgrade the VRS version from 5.0.832 to 5.0.933 which corrected an issue with the VRS Admin Console screen formatting in non-English languages. This issue prevented some VRS exception handling options from being selected. CD 1.3 was only available as a web posted update from late December 2011 and early January 2012.

InstallSoftware_Ngenuity_v1.2 Summary

Purpose of Release: This was the first release of the install CD to support the Kodak branded Ngenuity scanners. This release also adds several features to the Ngenuity scanner as described below. This CD cannot be used to install a BBH branded Ngenuity scanner.

Date: January 2011

Supported Models:

This software/driver release versions 1.2 will only support Ngenuity scanners that report to the host PC in Windows Device Manager as a "Kodak Ngenuity 9000…" device. If your Ngenuity scanner reports in Device Manager as a "BBH 9000…" device then you will need to update the scanners firmware to the Kodak Branded version 2.x (or later) firmware before you will be able to connect to the scanner using these drivers and software.

To determine if an Ngenuity scanner is BBH (Böwe Bell and Howell) branded or Kodak branded open Window's Device Manager (Right-click on My Computer and select Manage and then select Device Manager from the left pane's tree structure. If the scanner name starts with "BBH" then it is Böwe Bell and Howell branded scanner. If the scanner name starts with "Kodak" then the scanner is Kodak branded. The Screenshot below shows a Kodak Branded Ngenuity scanner is connected to the host PC

Supported Firmware Versions:
>   MC 2.01
>   CGA 3.20.024

Versions:

VRS:	4.50.032.254
ISIS driver:	1.511009.20001
TWAIN:	1.7.0.0
PIXKOFAX:	1.16.11002.3001
NOU (Operator Utility)	2.02 October 27, 2010

New Features from previous version (Rev C):

1. Administrator Utility Function Access Code
2. Improved image quality of 300dpi accelerated scanning mode (VRS only)
3. Patch Code Detect for Toggle Patch (VRS only)
4. Improved throughput with VRS Advanced Clarity enabled (VRS only)
5. Patch Code Control of Imprinter Index Counter (9150 model only - VRS only)
6. Digitized Audio (replace beeps with sampled audio waveforms)
7. Resettable Scan Counters in Operator Utility (Odometer)
8. Certified with operating system Windows 7
9. Independent front/back image border adjustment feature
10. Multifeed ignore toggle from front panel (rather than just one page ignore from panel)
(For more information see User Documentation available for download from www.kodak.com)

Improvements from previous version (Rev C):

1. Updated User Manuals
2. Updated Setup.exe installer application

Notes:

10. Use of the SCSI interface requires manual installation of the Kofax ASPI Drivers found in the VRS folder on the installation CD.
11. Use of the Ngenuity 9150 Patch Code Control of Printing with applications that use the PixKofax interface (such as Kodak Capture Pro Software) will require an updated PixKofax driver. Contact Kodak Support or if available download from the Kodak web site.
12. If using the PixKofax interface the ISIS the number profiles must be less than 254 or an error will occur.
13. If using Kodak Capture Pro software Kodak Capture Pro version 3.0 or higher must be used with the Kodak Branded Ngenuity Scanner.
14. Use of printer special chars is only supported with Printer Accessories manufactured after December 2010.
15. Physical patch sheets must be printed to specification to be read by the Kodak Ngenuity scanner. Patch sheets that have been used on other Kodak scanners may not work on the Kodak Ngenuity Scanner if they were not printed within the specified bounds. Patchcode samples with scaling measurement bars are available for download from the Kodak web site.
16. Patchcode reading my be less reliable when scanning at 500/600dpi

InstallSoftware_Ngenuity_RevC_VRS4.50 Summary

Purpose of Release: This was the third release of the install CD. This driver install CD was created only to update the documentation provided with the scanner. There were no updated drivers or software provided with this release. The Ngenuity drivers and software are the same as the drivers and software provided on the Rev B version.

Date: 2010

Supported Models:

This software/driver release will only support Ngenuity scanners that report to the host PC in Windows Device Manager as "BBH 9000…" devices.

Versions:

(Same as Rev B)

New Features from previous version (Rev A):

1.   (None)

Improvements from previous version (Rev A):

1.   Updated user documentation.

InstallSoftware_Ngenuity_RevB_VRS4.50 Summary

Purpose of Release: This was the second release of the install CD (Ngenuity Install S008830 Rev B OEM VRS v4.50.032.110 aka version 1.05). This driver install CD was created as a Bowe Bell and Howell Scanner product.

Date: December, 2009

Supported Models:

This software/driver release will only support Ngenuity scanners that report to the host PC in Windows Device Manager as "BBH 9000…" devices.

Versions:

VRS:	4.50.032.110
ISIS driver:	1.5.10912.4001
TWAIN:	1.20.0.0
NOU (Operator Utility)	1.02 April 9th, 2009

New Features from previous version (Rev A):
1. OEM VRS 4.5 support.
2. Direct ISIS - TWAIN drivers with multistream capability and front /back printer control.
3. New **Ngenuity** Operator Utility (NOU) supports multiple languages.

Improvements from previous version (Rev A):
1.

Ngenuity Install S008830 Rev A OEM VRS v4.20 Summary

Purpose of Release: Initial Release (Version 1.0). This driver install CD was created as a Bowe Bell and Howell Scanner product.

Date: May, 2009

Supported Models:

This software/driver release will only support Ngenuity scanners that report to the host PC in Windows Device Manager as "BBH 9000…" devices.

Versions:

VRS:	4.20.032.411 BBH9000
ISIS driver:	(not on this CD)
TWAIN driver:	(not on this CD)
NOU (Operator Utility)	1.02 April 9th, 2009