Kodak

Kodak Trendsetter NEWS

MCE Controlled Release 5.1 ReadMe/Release Notes

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Revision History

Revision	Date	Author	Comments
B-A	07 May 2007	Frank van Eerdt	First draft of CR 5.1 release notes

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1. IMPORTANT INFORMATION

Kodak® MCE Trendsetter® NEWS™ controlled release (CR) 5.1 is a *patch release* for Trendsetter NEWS 100, 150, and 200 that contains several fixes that are important to service and the customer.

Note:

- CR 5.1 has not been tested with TH 1.7 thermal imaging heads and is therefore not supported on Trendsetter NEWS SA, 50 and 70.
- CR 5.1 is not supported to run on the Microsoft® Windows® XP operating systems.
- CR 5.1 has a stitching problem at 2400 dpi.

You must familiarize yourself with the information in this document before installing this CR.

1.1 Providing Feedback to Product Development

To suggest improvements to the format, quality, accuracy, or completeness of the information provided in this document, please send an e-mail message to Frank van Eerdt or Jack Miro.

1.2 Upgrading to CR 5.1

It is recommended for this CR that you update *all* components to the MCE Trendsetter NEWS CR 5.1 level. There is (as always) no guarantee that a partial install of this CR will be fully functional. A partial install of the CR constitutes a high-risk action and may result in future service visits.

It is very important to have the license definition files (LDF) installed to allow feature licensing to recognize the Trendsetter NEWS device.

1.3 Reliability Improvements

The main purpose of this CR is to release the Dual-bay plate-scratch prevention improvements and fixes related to stitching on NEWS 200 devices. The CR also solves other firmware and software problems.

The major changes are detailed in Major Features and Fixes.

This release includes CTP Feature Licensing, or CFL, to enable the Trendsetter configuration and to enable access to Kodak Service Shell software using the customer dongle.

2. CONTROLLED RELEASE PACKAGE INFORMATION

2.1 Component Information

Component	**Version** (changes from CR 5.0 in **bold**)
Kodak Print Console™ software	**3.20.1.31**
Service Shell	2.6.2.722
Feature Licensing Server	2.1.5
License definition files	**2.0.31**
MCE main firmware	**1.42.24**
MCE slave firmware **Note**: News 200 only	**1.26.06**
MCE Xilinx® device firmware	2.36
MCE core firmware bundle	**1.8**
LIONEL board (Dual-bay option only)	**1.26**
Thermal 2.x imaging head firmware	1.06
Thermal 1.x imaging head firmware	1.97
Kodak Brisque® Agent software	1.00.064
Version configuration file	**TS NEWS 200 MCE TH2.INI** **TS NEWS MCE TH2.INI**

CR software CD: 651-00592B

2.2 Device Qualification

The following output devices have been qualified with this CR:

- Trendsetter NEWS 100/100C
- Trendsetter NEWS 150
- Trendsetter NEWS 200/200C

The following thermal imaging heads have been qualified with this CR:

- Thermal 2.x imaging head

2.3 Dependencies

- Windows 2000 SP2 server operating systems on workstation
- Windows 2003 server operating systems on workstation
- LVD SCSI card or suitable converter on workstation
- Adequate performance achieved with Dell® PE2600/2800 (minimum 1 GB of RAM, 2 GB of RAM recommended)

- Adequate performance achieved with Dell Optiplex® GX270/GX280 with hyperthreading, (minimum 1 GB RAM, 2 GB RAM recommended)
- Internet Explorer® 6 Internet browser or later

2.4 Workflow Compatibility

Workflow items are not part of the release, but have been tested for compatibility. CR 5.1 has been tested with the latest released version of workflow. Customers' workflows should be brought to this level.

- Brisque Direct 4.1

  Note: If using Brisque 4.1, you must upgrade to 4.1.76 Output Update 5 + LUT patch.

  Note: If using the manual load option, you must upgrade to Brisque Agent 1.00.057 or higher to enable this option correctly (if running Brisque Agent 1.00.053 or earlier).

- Brisque Direct 5.0

  Note: It is recommended that you upgrade Brisque 5.0 to Update 10.

  Note: If using the manual load option, you must upgrade to Brisque Agent 1.00.057 or higher to enable this option correctly (if running Brisque Agent 1.00.053 or earlier).

- Kodak Prinergy® 3.1 software
- TIFF Connectivity via Print Console™ 3.20 (TIFF Downloader)
- Kodak NewsManager™ software via Job Processing Server and Print Console 3.20
- Kodak Recorder Interface (KRI) workflows: Not available—Print Console 2.1 and later do not support KRI

3. INSTALLATION/UPGRADING

3.1 Upgradeability

This CR has been tested only with upgrades from Trendsetter NEWS MCE CR 5.0. It is likely that upgrades from previous versions are possible, but there may be some risk.

3.2 Installation/Upgrade Procedure

Total time—four hours (minimum)

Task	Time
Dependencies Review the Dependencies before beginning.	0.5 hour
Patches Check the **Patches** folder and apply any patches as documented in the readme files for the CR components.	
CTP Feature Licensing (CFL) Ensure that Microsoft .NET framework is installed and updated. You can retrieve it through Windows Update or from the CFL TechPlanet Web site. To determine whether it is installed: 1. Go to Windows **Start > Settings > Control Panel > Add/Remove Programs**. 2. Scroll down and look for Microsoft .NET Framework 1.1. Install/upgrade CFL. Make sure the license definition file is installed. Install license file and customer dongle.	
Service Shell Install/upgrade Service Shell—needed for checking head/MCE firmware versions and for downloading the new firmware.	0.5 hour
Configure Host Device Run Host Configuration from Service Host and configure correct device model and COM ports.	0.10 hour
Version Check 1. After installing the Service Shell client, start the Version Checker applet. 2. Click **Configure**. A dialog box prompts you for the CR configuration file. 3. Browse to the **VersionConfig** folder on the CR CD, select the version configuration file, click **Finish**, and then click **Yes** to evaluate the configuration. 4. If a dialog box indicates that the device is not yet configured with CR version information, select **Configure System > Next**. Browse to the **VersionConfig** folder on the CR CD, select the version configuration file, and click **Finish**. For more information about Service Shell, see the Service Shell support Web site on TechPlanet.	0.25 hour
Firmware Use the **Firmware Upgrade** script in Service Shell to back up parameters and download all new MCE Main/Slave, PDB, and GENINE firmware.	0.5 hour
Print Console Install/upgrade Print Console.	0.5 hour
Consumables (Kodak consumables customers only) Install/upgrade the processor monitor interface (for Kodak plate processor customers).	0.5 hour

Workflow Brisque: Update as necessary to meet compatibility. Prinergy: Update as necessary to meet compatibility. Kodak Prinergy Evo™ software: Update as necessary to meet compatibility.	
Version Check After you upgrade all firmware and software, use the Version Checker applet in Service Shell to evaluate all system versions. Ensure that there are no errors reported by the Version Checker.	0.25 hour
Functionality Check Check that the device and all software are functional, including loading and unloading of small, medium, and large media.	1.5 hours

4. MAJOR FEATURES AND FIXES

4.1 Print Console

Print Console 3.20.1 is device control software that can be used with Kodak® Trendsetter NEWS 100, 150, and 200 thermal platesetter output devices that are already installed at sites and that use the Dual-bay or single-broadsheet options.

Note: Print Console 3.20.1 does not support Trendsetter NEWS 50 and 70.

4.1.1 More Flexibility When Using Single Broadsheet Picking

The single broadsheet picking option can now:

- Be used when the platesetter is configured with a preloader
- Be disabled without causing picking problems

4.1.2 Fixed PR 11437: Improved Mechanism for Detecting PowerUser Access Level

There were problems with the way that the SCSI check code detected and repaired:

- PowerUser access rights
- Connected SCSI ports

This has been improved with the addition of **YASU.exe**, a new SCSI utility that has been added to the **CreoSupt** folder.

4.1.3 Fixed PR 11360: JPS in Print Console 3.x Does Not Work with the Windows 2003 Operating System

When the operator attempts to start Print Console, JPS displays an error and quits, which prevents Print Console from starting.

4.1.4 Fixed PR 11253: TIFF Downloader Problem with Stitching on NEWS 200 with Rotations of 0 And 180 Degrees

TIFF Downloader was having problems with dual-head stitching and rotations of 0 and 180 degrees. This now works properly.

4.1.5 Fixed PR 11190: NewsManager Jobs Were Not Able to Use the Single-Broadsheet Imaging Feature

There were some problems with alternating the picking location of single broadsheet jobs in JPS. This affected the NewsManager software. This now works properly.

4.1.6 Fixed PR 11191: Single-Broadsheet Picking Didn't Work When Preloader Loaded Plates Into Trendsetter Bay

In the first implementation of the single broadsheet picking feature, the output device could not perform single broadsheet picking on plates that had been loaded into the Trendsetter bay from the preloader.

The feature has been redesigned so that the device will perform a single pick from plates loaded into the Trendsetter bay from the preloader.

4.2 Trendsetter Firmware

4.2.1 Dual-Bay Plate-Scratch Prevention Improvements

When loading plates from the outer bay of Dual-bay equipped devices, the plates being loaded may contact plates loaded in the inner bay and scratch them. This firmware release has changes that improve this scratching problem.

The two main changes are to:

- Swap `picker wrist out` and `picker out` when picking plates from the outer bay.
- Turn on airjets earlier to float the plate.

4.2.2 Single-Broadsheet Equipped Device Can Now Operate with Single-Broadsheet Option Disabled (for Emergencies Only)

On devices equipped with the single broadsheet picker, the firmware's single-broadsheet option can now be disabled and the device will continue to function as though the single-broadsheet option was not installed. Prior firmware versions would not pick both the home and away plates if the option was disabled.

However, using the device in this mode should be avoided, because the vacuum level on the away-side plate is no longer checked, which could increase incidents of plate flyoff, plate skew, or plate drop.

4.2.3 Fixed PR9022: Fixed Image Misalignment between Master and Slave at 1200dpi Resolution Using 2400 dpi Heads

This problem applied only to News 200C devices. When imaging at 1200 dpi using 2400 dpi heads, it was possible for there to be an image misalignment between the master and slave head at the stitch point. This firmware version fixes this problem.

4.2.4 Fixed PR10064: Communication Timeout with CFL upon Startup of Workstation

If the CFL connection is lost during authentication, it is possible that the state would remain stuck in "authenticating," and CFL would not disconnect. The fix is that when authentication fails for any reason, a disconnection is forced.

4.2.5 Fixed PR 11259: Picker Service Mode: Picker Moves Down Unexpectedly

When then picker enters service mode, it is moved up. However, if an error occurs and the safety is overridden, the firmware could unexpectedly move the picker back down without warning after a timeout. This is now fixed so that the picker is left up in this case.

5. MINOR FEATURES AND FIXES

Fixes and smaller features are documented in component release notes which are available in both the **Release Notes** folder and in the folder for each component on the CR CD.

6. SYSTEM TEST PLAN

The Systems Testing group establishes a test plan with test cases that are required to verify a successful release of the firmware, software, and hardware. This test plan covers only the components changed in the update. The test plan for CR 5.1 is not included in this document.