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MCE Trendsetter NEWS Controlled Release 5.2

Readme/Release Notes

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Revision History

Revision	Date	Author	Comments
1.0	13 Dec 2007	Andrew So	Initial Draft
A	22 Jan 2008	Janet Waterman	Revised for Kodak style guidelines

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1. IMPORTANT INFORMATION

Kodak® Trendsetter® NEWS™ MCE Controlled Release (CR) 5.2 introduces support for Microsoft® Windows® 2003 and Windows XP operating systems. This CR is *only* intended for servers and workstations running Windows 2003 or Windows XP operating systems. There is no need to upgrade to this CR if the servers or workstations are running Windows 2000 Server® or Professional.

WARNING: A service dongle is mandatory for this CR. You cannot access Service Shell without a service dongle or a service license.

1.1 Upgrading to CR 5.2

This CR is not intended for field upgrade on existing systems unless an operating system (OS) upgrade is being performed onsite. Therefore, upgrading from any previous CR versions has not been tested. For existing systems in the field, continue to use the CR 5.0 + firmware update 1 for NEWS 50/70/SA or CR 5.1 for NEWS 100/150/200.

2. CONTROLLED RELEASE PACKAGE INFORMATION

2.1 Component Information

Component	Version
Print Console	3.20
Service Shell	2.6SP2
Media Console	1.3.1
Creo Feature Licensing	2.1.5
License definition files	2.0.31
MCE firmware	1.42.24
MCE Xilinx	2.23
MCE core firmware bundle	1.8
Thermal head 1.x firmware	2.01
Thermal head 2.x firmware	1.09c
Kodak Brisque® Agent	1.00.064
Version configuration files	**TS NEWS MCE TH1X.ini** **TS NEWS MCE TH2.ini** **TS NEWS 200 MCE TH2.ini**

Controlled release software kit: 634-00010E

Controlled release software CD: 651-00592C

2.2 Device Qualification

The following devices have been qualified with this CR:

- Trendsetter NEWS SA
- Trendsetter NEWS 50/50C
- Trendsetter NEWS 70/70C
- Trendsetter NEWS 100/100C
- Trendsetter NEWS 150
- Trendsetter NEWS 200/200C

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

- Thermal 1.x imaging head
- Thermal 2.x imaging head

2.3 Limitations

- Brisque Direct software: Brisque version 4.1 output update 5 and the LUT patch are required
- Media Console 1.3: The new database is not compatible with the Media Console 1.1 database. (There is no upgrade path—the Service Tools team must do the upgrade manually.)
- DEC® Alpha® is not supported for the Print Console software.
- DEC Alpha is not supported for the Service Shell software.
- Older Dell and Data General workstations may have inadequate performance.

2.4 Dependencies

- Windows XP Professional or Windows Server 2003 operating systems on the workstation
- LVD SCSI card or a suitable converter on the workstation
- Adequate performance is achieved with a Dell OptiPlex® GX755 computer
- Internet Explorer® 6 or later browser

2.5 Workflow Compatibility

Workflow items are not part of the release, but they have been tested for compatibility. This CR has been tested with the latest released version of workflow, and it is recommended that customers be brought to this level.

- Brisque Direct 4.1

  Note: If using Brisque 4.1, you must upgrade to Brisque 4.1.76 output update 5 and the LUT patch.

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

- Brisque Direct 5.0 or above

  Note: It is recommended that Brisque 5.0 be upgraded to update 10.

- Kodak Prinergy® 2.3 or above
- Prinergy Evo 1.2 or above
- TIFF connectivity via Print Console 3.28 (TIFF Downloader)

3. INSTALLATION

3.1 Installation Procedure

Total time: 2 hours (minimum)

Task	Time
Dependencies Review the Dependencies before beginning.	0.1 hour
Patches Check the **Patches** folder and apply any patches, as documented in the readme files.	
Creo Feature Licensing Install the new license definition files. From the **Feature License** folder, run the LDF installer.	
Service Shell Install or upgrade the Service Shell client and host. This checks the head and MCE firmware versions and is needed for downloading the new firmware. Ensure that the COM ports are configured correctly.	0.25 hour
Configure Host Device Run the host configuration from Service Host and configure it for the correct device model.	0.1 hour
Version Check 1. After installing the Service Shell client, start the Version Checker applet. 2. Click **Config**. A dialog box prompts you for the controlled release configuration file. 3. Locate the **VersionConfig** folder on the controlled release CD, select the version configuration file, and select **Evaluate > Yes**. 4. If a dialog box indicates that the device is not yet configured with controlled release version information, select **Configure System > Next**. Locate the **VersionConfig** folder on the controlled release CD, select the version configuration file, and click **Finish**. For more information about Service Shell, see the Service Shell support site on TechPlanet.	0.1 hour
Firmware Use the firmware upgrade script to update the boot code and main firmware on the MCE and all other satellite boards.	1.0 hour
Workflow Brisque: Update versions as documented and reconfigure the devices. Prinergy: No update necessary Prinergy Evo: No update necessary	
Version Check After all firmware and software have been upgraded, use the Version Checker applet in Service Shell to evaluate all system versions. Ensure that the Version Checker does not report errors.	0.1 hour
Functionality Check Check that the device and all applications are functional, including loading and unloading of small, medium, or large-size media.	0.5 hour

4. MAJOR FEATURES AND FIXES

4.1 Windows XP and Windows 2003 Support

Windows XP and Windows 2003 require a new SCSI driver—**SCSIPORT**. **SCSIPORT** replaces **SCSIPRINT.sys** that is used by Windows 2000 Server and Windows 2000 Professional. The SCSI driver is preinstalled by the ghost image of the OS. A copy of the **SCSI-INF** installer is located in the **Patches** folder of the CR in case it has to be reinstalled manually.

4.2 Fix for Unexpected Picker Movement on Autoloader

When the picker enters service mode, it is moved to the up position. However, if an error occurs and the safety interlock override (SIO) key overrides the safety loop, 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 situation.

5. MINOR FEATURES AND FIXES

Fixes and smaller features are documented in component release notes, which are available in the **Release Notes** folder and in the component installation folders on the controlled release CD.