Kodak

Trendsetter 400/800/NEWS GMCE CR 3.2

Readme/Release Notes

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Revision History

Revision	Date	Author	Comments
A-A	18 Oct 2007	Andrew So	Initial Release for CR3.0
B-A	09 Apr 2008	Frank van Eerdt	Initial Release for CR3.1
C-A	30 May 2008	Frank van Eerdt	Initial Release for CR3.2

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1. IMPORTANT INFORMATION

Kodak® Trendsetter® 400/800/NEWS™ GMCE Controlled Release (CR) 3.2 is a minor release. It includes support for hardware changes as well as improvements and bug fixes.

You must familiarize yourself with this information before installing this controlled release.

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

1.1 Providing Feedback to Product Development

To suggest any changes to the format and quantity/quality of material in this document, or for corrections to content, send an e-mail to andrew.so@kodak.com or frank.vaneerdt@kodak.com.

1.2 Requirements Before Proceeding

Before proceeding with this install, ensure that you have the following items:

- Customer feature dongle (navy blue)
- Customer device license (**.txt** file)
- Service dongle (teal) (Service Shell 3.x *requires* a service license in order to operate; this replaces the password mechanism.)
- CR CD (all components plus the CR Installer software)
- Site Installer CD (for installing a new device from the factory only)
- Minimum 2 GB of RAM on the Kodak Print Console workstation
- RS-232 cable may be required to update HCS12 firmware on GMCE.
- USB cable may be required for “back door” service access to GMCE.

1.3 Upgrading to CR 3.2

It is *mandatory* for this controlled release that you update *all components* to the CR 3.2 level due to the high level of complexity, the new interactions among Print Console, firmware, Service Shell, and GMCE electronics. There is (as always) no guarantee that a partial install of this controlled release will be fully functional. A partial install of the controlled release constitutes a high-risk action and may result in future service visits.

1.4 Controlled Release Installer

CR Installer software is used to install all components. You should use the CR Installer at all times, instead of upgrading components manually.
This readme/release notes document appears when the installer starts.

1.5 Workflow Connectivity Information

This section provides important notes about workflow connectivity with Trendsetter GMCE CR 3.2.

1.5.1 Print Console TIFF Downloader

The Kodak Prinergy® Evo™ TIFF Downloader replaces the Print Console TIFF Downloader. Prinergy Evo includes most of the TIFF Downloader functionality while Print Console retains the plate and media setup information.

1.5.2 Brisque

The Kodak Brisque® Direct connection to the GMCE platform is no longer supported. A Brisque customer must switch to a Brisque Screen2Go (S2G) configuration, and output the 1-bit TIFF files via Prinergy Evo TIFF Downloader.

1.5.3 Prinergy

Customers using Prinergy 1.x and 2.x software *must* upgrade to Prinergy 3.x or 4.x. Upgrading to Prinergy to version 4.0.2.2 or higher is recommended.

1.5.4 Prinergy Evo

Customers using Prinergy Evo 1.x and 2.x software *must* upgrade to Prinergy Evo 3.x or 4.x. Upgrading to Prinergy Evo to version 4.0.6.6 or higher is recommended..

1.5.5 Allegro Console

Kodak Allegro™ Console is no longer supported.

1.5.6 Kodak NewsManager

CR3.2 supports connectivity with Kodak NewsManager™ ME 1.1.3 software. Contact the NewsManager team for the latest status.

2. CONTROLLED RELEASE PACKAGE INFORMATION

2.1 Component Information

Component	Version (* indicates change from CR3.1)
Print Console	4.18.0.25
Service Shell	3.8.4
Creo feature licensing	2.1
Device license layout file	2.3
Trendsetter license definition file	2.11
Trendsetter NEWS license definition file	1.10
DCAPI server	2.0.12.7
GMCE main firmware	1.50.06*
GMCE slave firmware	1.42.02
GMCE core firmware	1.32.01
SCON firmware installer	1.36.00*
Thermal head 1.x firmware	2.01
Thermal head 2.x firmware	1.09c
Version configuration file	**TS-400-800-III_GMCE-NEWS.INI***

CR software kit: 634-00514A (CD with jewel case)
CR software CD: 651-00823C (CD only)

2.2 Device Qualification

The following devices have been qualified with this controlled release:

- Trendsetter 400/800 III
- Trendsetter 400/800 III Autoloader
- Trendsetter 400/800 III ContinuousLoad
- Trendsetter 400/800 UHR
- Trendsetter NX Narrow/Mid
- Trendsetter NEWS 50/70/100/150/200 (GMCE)
- Trendsetter NEWS 50C/70C/100C/200C (GMCE)
- Trendsetter NEWS SA (GMCE)

The following heads have been qualified with this controlled release:

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

2.3 Limitations

- Older Dell® workstations may have inadequate performance.
- Allegro Console is not qualified.
- Brisque Direct connectivity with Print Console 4.x is not qualified.

2.4 Dependencies

- Workstations must have Microsoft® Windows® 2000 Professional, Microsoft Windows 2000 Server, Microsoft Windows XP Professional, or Microsoft Windows Server® 2003 operating systems.
- Adequate performance achieved with the Dell PowerEdge® 2800/2900 or PowerEdge 800/830 server, or Dell Optiplex™ GX 745 (2 GB RAM or greater) workstation.
- Internet Explorer® 6 or later browser.

2.5 Workflow Compatibility

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

- Prinergy 4.0.2.2 software
- Prinergy Evo 4.0.6.6 software
- TIFF Connectivity via Prinergy Evo 4.0.6.6 (Evo TIFF Downloader)

3. INSTALLATION/UPGRADING

3.1 Install/Upgrade Procedure

Total time—2.5 hours (minimum)

Task	Time
Dependencies Review the Dependencies before beginning.	
Patches Check the **Patches** folder and apply any patches as documented in the readme files.	
Run CR Installer Run **CRInstaller.exe** and follow the prompts. CR Installer installs the following components: • Service Host • Creo bootp server • Creo feature licensing • License definition files • Configure service host • GMCE core firmware • DCAPI server • Service Shell client • GMCE main firmware • Head firmware • Satellite board firmware • Print Console and support tools After installing these components, CR Installer verifies the components' versions.	1.0 hour
Run Site Installer CD (for new device installation only) A Site Installer CD is shipped with the device. The installer copies the NVS parameters to the device workstation.	0.25 hour
Workflow Prinergy: Update as necessary for compatibility. Prinergy Evo: Update as necessary for compatibility.	
Version Check After you upgrade all firmware and software, use the **Version Checker** in Service Shell to evaluate all system versions. Ensure that the Version Checker reports no errors.	0.25 hour
Functionality Check Check that the device and all software are functional, including loading and unloading of small, medium, and large media.	1.0 hour

4. NEW FEATURES

None.

5. FIXES AND SMALL FEATURES

5.1 Removed Support of PDB Relay Monitoring

CR 3.1 introduced support for monitoring the relays on the Power Distribution Board (PDB) to detect possible welded relays. This functionality was removed in CR 3.2 because there is no hardware solution available yet.

5.2 Enabled Manual Loading on Trendsetter News of Single Broadsheet Plates with SBI Option Disabled

CR 3.0 and CR 3.1 did not allow manual loading of single broadsheet plates smaller than 451 mm (17.7 in.) in the subscan direction on Trendsetter News when the Single Broadsheet Imaging option was disabled. This is now fixed.

6. KNOWN ISSUES

6.1 CR Installer Error in TH1.7 Head Firmware Installation

When the firmware installer starts installing the TH1.7 head firmware, an error may occur. If this happens:

1. Quit the FirmwareUpgrade script.
2. Let the CR Installer continue to install the remaining updates.
3. After the CR Installer completes, manually run the **TH1 Firmware Installer** in the **\Creo\ControlledRelease\Trendsetter GMCE CR 3.2\ Firmware** folder on the system drive.