Kodak

# Trendsetter 400/800/NEWS GMCE CR 2.3

## Readme/Release Notes

**Document Number**
**739-00342D-EN Rev B**

27 Jun 2007

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# Revision History

| Revision | Date | Author | Comments |
|---|---|---|---|
| A | 08 Jun 2007 | Frank van Eerdt | Initial Release |

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# Kodak Trendsetter 400/800/NEWS GMCE CR 2.3
## Readme/Release Notes

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# 1. IMPORTANT INFORMATION

Kodak® Trendsetter® 400/800/NEWS™ GMCE Controlled Release (CR) 2.3 is an update to GMCE CR 2.2. It introduces support for Flexo NX media on the base Trendsetter 400/800, and allows the use of a larger standard plate size on Trendsetter NEWS devices.

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 frank.vaneerdt@kodak.com.

## 1.2 GMCE Support

GMCE is the new electronics board in the Trendsetter devices. CR 2.3 supports this board via a point-to-point Gigabit Ethernet connection, which requires an additional Gigabit Ethernet card in the workstation. Workstations shipped from the factory have the card preinstalled. Workstations upgraded to GMCE connectivity in the field must have an additional network card installed, as described in the document *GMCE Intel Pro/1000 MT Server Adapter Installation, Configuration, and Testing* (719-00735A).

## 1.3 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 only a new device from the factory)
- 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.

## 1.4 Upgrading to CR 2.3

It is *mandatory* for this controlled release that you update *all components* to the CR 2.3 level due to the high level of complexity, the new interactions between Print Console, firmware, and Service Shell, and the introduction of 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.

## 1.5 Controlled Release Installer

CR Installer software is now used to install all components. This readme/release notes document appears when the installer starts. An associated document that explains how to use the CR Installer is located in the **Release Notes** folder on the CR CD.

## 1.6 Workflow Connectivity Information

This section provides important notes about workflow connectivity with Trendsetter GMCE CR 2.3.

### 1.6.1 Print Console TIFF Downloader

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

### 1.6.2 Brisque

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

### 1.6.3 Prinergy

Customers running Prinergy 1.x and 2.x software *must* upgrade to Prinergy 3.x (latest released version).

### 1.6.4 Allegro Console

Kodak Allegro™ Console is no longer supported.

### 1.6.5 Kodak NewsManager

CR2.3 supports connectivity with Kodak NewsManager™ 1.1.2 software. Contact the NewsManager team for the latest status.

# 2. CONTROLLED RELEASE PACKAGE INFORMATION

## 2.1 Component Information

| Component | Version |
|---|---|
| Print Console | 4.8.1.25 |
| Service Shell | 3.2.11 |
| Creo feature licensing | 2.1.5 |
| Device license layout file | 2.3 |
| Trendsetter license definition file | 2.8 |
| Newspaper license definition file | 1.8 |
| DCAPI server | 2.0.6.28 |
| GMCE main firmware installer | 1.46.21 |
| GMCE core firmware installer | 1.30.03 |
| SCON firmware installer | 1.26.00 |
| Thermal head 1.x firmware | 2.00 |
| Thermal head 2.x firmware | 1.07b |
| Version configuration file | **TS-400-800-III_GMCE-NEWS.INI** |

CR software kit: 634-000514A
CR software CD: 651-00656D

## 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 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 620 (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 3.1.0.4 software
- Prinergy Evo 3.2.6.0 software
- TIFF Connectivity via Prinergy Evo 3.2.6.0 (Evo TIFF Downloader)

# 3. INSTALLATION/UPGRADING

## 3.1 Install/Upgrade Procedure

Total time—3 hours (minimum)

| Task | Time |
|---|---|
| **Dependencies**<br>Review the Dependencies before beginning. | |
| **Patches**<br>Check the **Patches** folder and apply any patches as documented in the readme files. | |

| Task | Time |
|---|---|
| **Run CR Installer**<br>Run **CRInstaller.exe** and follow the prompts. CR Installer installs the following components:<br>• Service Host<br>• Creo bootp server<br>• Creo feature licensing<br>• License definition files<br>• Configure service host<br>• GMCE core firmware<br>• DCAPI server<br>• Service Shell client<br>• GMCE main firmware<br>• Head firmware<br>• Satellite board firmware<br>• Print Console and support tools<br>After installing these components, CR Installer verifies the components' versions. | 1.0 hour |
| **Run Site Installer CD (for new device installation only)**<br>A Site Installer CD is shipped with the device. The installer copies the NVS parameters to the device workstation. For details, see Section 4.2 on page 6. | 0.25 hour |
| **Install Feature Dongle and Device License**<br>A customer feature dongle (navy blue) and a device license are required for running CR 2.3.<br>After you plug the dongle into the computer, use the Creo License Manager to install the device license. Perform one of the following actions:<br>• Select **File/Open** and browse to the **.txt** license file<br>• Click **Paste New License** and paste the device license (full xml string) into the dialog box. | 0.25 hour |
| **Workflow**<br>Prinergy: Update as necessary for compatibility.<br>Prinergy Evo: Update as necessary for compatibility. | |
| **Version Check**<br>After you upgrade all firmware and software, use the **Version Checker** in Service Shell to evaluate all system versions.<br>Ensure that the Version Checker reports no errors. | 0.25 hour |
| **Functionality Check**<br>Check that the device and all software are functional, including loading and unloading of small, medium, and large media. | 1.0 hour |

# 4. FEATURES AND FIXES

## 4.1 Support for increased standard plate width.

CR 2.3 allows an increase of the standard plate width maximum from 960 to 985 mm on Trendsetter NEWS devices.

## 4.2 Support for Trendsetter NX.

CR2.3 supports the introduction of the Trendsetter NX Narrow and Trendsetter NX Mid output devices. It allows an increased maximum media thickness of 600 um to support Flexo NX media, for Trendsetter NX devices only.