Kodak

ThermoFlex Wide II Controlled Release 3.1

Readme/Release Notes

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Revision History

Revision	Date	Author	Comments
draft	12 Dec 2007	Jim Third	First draft
A	11 Feb 2008	Janet Waterman	Revised for Kodak style guidelines
C	16 Apr 2008	Janet Waterman	Revised components and VPC added

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1. IMPORTANT INFORMATION

Kodak® ThermoFlex® Wide II Controlled Release (CR) 3.1 incorporates Creo Feature Licensing (CFL) to control access to the Kodak service tools. If you are upgrading from CR 2.0 or earlier, *make sure that you are familiar Feature Licensing before installing CR 3.1.*

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 3.1

It is *recommended* for this CR that you *update all components* to the MCE ThermoFlex Wide II CR 3.0 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.

1.2 Controlled Releases on Workstations

When updating a CR at a customer site, copy this new CR to **[system]:\\ControlledRelease** under its CR version to ensure that other Kodak service representatives have access to the latest versions of software and firmware.

Once you know that the device is running correctly, delete the old CR in this directory. This ensures that customers or third-party service cannot:

- downgrade to older software versions that are not feature-licensed
- bypass security features that are implemented in newer CR packages

1.3 Service Shell Version Checker

Although Service Shell Version Checker has been an integral part of CRs for quite some time, it has likely not received the attention that it deserves. See **Tools > Version Checker** in Service Shell Client. It is *mandatory* when installing the CR to run **Version Checker** before and after a CR upgrade to show which software and firmware components must be updated and/or are currently installed. Ensure that you have upgraded Service Host, Service Shell and the device version configuration file provided with each CR to ensure you are checking against the latest CR version information.

2. CONTROLLED RELEASE PACKAGE INFORMATION

2.1 Component Information

Component	Version
Print Console	3.26.0.17
Service Shell Client	3.5.7.558
Service Host	3.5.7.558
Master MCE Main firmware	1.12.12
Master MCE Boot code	1.18
Master MCE Xilinx code	2.23
Master MCE Post code	1.08
Master MCE BBR code	1.03;1.09
PDB Main firmware	1.36
PDB Boot code	1.16
PDB BBR code	1.03;1.04;1.09;1.12
Genine Main firmware	1.36
Genine Boot code	1.16
Genine BBR code	1.03;1.04;1.09;1.12
Lionel Main firmware	1.36
TFX Head 1.XX firmware	1.33
USB Dongle Driver Installer	SSD 7.3.2
USB Dongle Driver	SSD 7.3
Digi ClassicBoard PCI Port Driver	2.6.38.0
Digi AccelePort 4p Port Driver	6.0.4
Digi AccelePort 2p Port Driver	6.0.4
SCON Firmware Installer	1.36.0.2
CTP Feature Licensing	2.1.5
Version config file	TFX Wide II MCE.ini

CR software kit: 634-00457A

CR software CD: 651- 00046D

2.2 Device Qualification

The following device has been qualified with this CR:

- ThermoFlex Wide II

The following heads have been qualified with this CR:

- TFX head

2.3 Limitations

- DEC® Alpha not supported for Print Console
- DEC Alpha not supported for Service Shell

2.4 Dependencies

- Microsoft® Windows® 2000 SP2 or later operating systems on Print Console workstations
- Windows NT® SP4 or later operating systems on Allegro™ workstations
- HVD SCSI card or suitable converter on workstation
- Microsoft Internet Explorer® 6 or later (necessary for Service Shell 2.6)

2.5 Workflow Compatibility

Workflow items are not part of the release, but 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.

- Kodak Brisque® Direct 4.1
  Note: If using Brisque 4.1, it is mandatory to upgrade to 4.1.76 Output Update 5
- Kodak Prinergy® 2.3
- TIFF Connectivity via Print Console 3.17 (TIFF Downloader)
- TIFF Connectivity via Allegro Console 2.1
- PostScript® Connectivity via Allegro 1.2/1.7
- CRI Workflows: Not available—CRI no longer supported with Print Console 2.1 and later

3. INSTALLING/UPGRADING

3.1 Upgradeability

This CR has only been tested with upgrades from ThermoFlex Wide II CR 2.0. It is likely that upgrades from previous versions are possible, but they have some risk level.

3.2 Install/Upgrade Procedure

Total time—1.25 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.	
Microsoft® .NET Framework 1.1 Check that .NET 1.1 is installed using **Windows START > Settings > Control Panel > Add/Remove Programs**. Scroll down and look for Microsoft® .NET Framework 1.1. If .NET 1.1 is not installed, use Windows Update or the CFL Techplanet website to obtain a copy.	0.25 hour
CTP Feature Licensing Install Feature Licensing server	0.25 hour
Service Shell Install/upgrade Service Shell client/host—needed for checking head/mpe firmware versions and for downloading the new firmware. Ensure that the COM ports are configured correctly.	0.25 hour
Configure Host Device Run host configuration from Service Host and configure to correct device model.	0.1 hour
Version Check After installing the SS client, start Version Checker (**Tools > Version Checker**). Click **Config**. A dialog box prompts you for the controlled release config file. Locate the **VersionConfig** folder on the controlled release CD, select the version config file, and click **Evaluate > Yes**. If a dialog box indicates that the device is not yet configured with controlled release version information, select **Configure System > Next**. Browse to the VersionConfig folder on the controlled release CD, select the version config file, and click **Finish**. For more info on Service Shell, see the Service Shell support site on TechPlanet.	0.1 hour
Firmware Install	.25
Print Console Install	.1
Workflow Brisque: No update necessary Prinergy: No update necessary	
Version Check After all firmware and software have been upgraded, use the	0.1 hour

Version Checker in Service Shell to evaluate all system versions. Ensure that the Version Checker reports no errors.	
Functionality Check Check that device and all software are functional including loading and unloading of small, medium, and large media	0.5 hours

4. NEW FEATURES

4.1 X-speed Device Configuration

The 520 rpm, X-speed device configuration is implemented in MCE firmware version 1.12.11. Changes to support this feature are:

- Linear drum speed versus media thickness curve
- Addition of TF5280X, TF4260FX, and TF4836FX models

4.2 Minimum Mainscan Limit for Sleeve

The minimum mainscan length limit has been changed to 298 mm (11.74 in.) in Sleeve mode. The firmware has been changed to reject sleeve image jobs with a mainscan length less than 330 mm (12.99 in.) and a subscan offset less than 50 mm. This prevents the TFX head from physically hitting the tailstock if the imaging kob has a subscan offset less than 50 mm (1.97 in.).

4.3 Creo Feature Licensing

Access to Service Shell is now controlled by the use of a service dongle. See http://techplanet.creo.com/output/device_control/feature_licensing/nav/overview.htm for more information and how to order a dongle.

For customer access, a service license with **Advanced user** access level can be generated but a customer dongle must be ordered. See the TechPlanet link above for the proper ordering process. This license should only be provided if the customer is entitled to run Service Shell.

Service Shell 2.6 SP1 and earlier stopped accepting passwords after April 15th, 2006.

Service and customer dongles are USB by default. Refer to http://techplanet.creo.com/output/computer_to_plate/all_ctp/content/docs/cfl_dongle_usb_problems.htm for troubleshooting information. This document also provides information on enabling USB ports that may have been disabled on some older configurations.

If the customer workstation does not support USB (no USB port available (for example, Aviion), there are three options:

- Connect to the host running on the customer workstation via your service laptop.
- If Test Plot access is required, run the Service Shell Host from your laptop and connect to the device.
- Order a customer parallel dongle (part number 22-0104). This will be necessary if the RC requires the customer to access Service Shell commands.

4.4 Velocity Power Curves

Velocity power curves (VPC) must be set up with this CR. See the relevant Media Technical Note for the procedure for setting up velocity power curves.

5. FIXES AND SMALL FEATURES

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