

MCE TRENDSETTER NEWS CONTROLLED RELEASE 4.1

ReadMe / Release Notes

Document Number
739-00203A-EN Rev A

2005-07-27

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Revision History

Revision	Date	Author	Comments
1.0	July 8, 2005	Gary Theobald	CR 4.1 Initial Draft
1.1	July 15, 2005	Gary Theobald	Updated version information, TDL licensing
1.2	July 27, 2005	Gary Theobald	Added CFL uninstall notation

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1. IMPORTANT INFORMATION

Trendsetter® News Controlled Release (CR) 4.1 has a number of new features that are important to both Customer Services and Solutions (CS&S) and the customer. Familiarize yourself with this information before installing this controlled release.

1.1 PROVIDING FEEDBACK TO PRODUCT DEVELOPMENT

After you read this document, please e-mail gary.theobald@creo.com. This gives us an indication of whether people are actually reading these release notes, and allows us to assess whether it is worthwhile to continue producing them (there are a number of people involved in producing, editing, and publishing this document). Feel free to suggest changes to the format, quantity, or quality of material.

1.2 UPGRADING TO CR 4.1

It is *recommended* for this controlled release that *you update all components* to the MCE TS News CR 4.1 level. 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.

If you have not updated your platform to TS News CR 4.0, it is recommended that you read the release notes because they describe a number of important changes since 3.x.

Note: Due to the scope of changes in CR 4.0, it is recommended that you read the release notes for that controlled release before continuing. They are included in the Release Notes folder on this CD.

1.3 CREO FEATURE LICENSING FOR SERVICE SHELL CLIENT ACCESS

Service Shell now uses Creo Feature Licensing's service license for access to the client software without the use of a password. This is in addition to feature licensing of Service Shell's TCP/IP configuration portion of the Host Configuration.

If installing or using any of these components, the CSE will need a service dongle. In the case of Media Console, the customer will need a customer dongle.

In all cases, Creo Feature Licensing (as well as .NET architecture) needs to be installed. Both are included on the CR 4.1 CD.

Note: New workstations will be shipped without the TCP/IP configuration for the MCEDevice user account setup. You must have a service dongle in order to access the functionality to set up the configuration from the Host Configurations option in Service Host.

Note: If upgrading CFL from an earlier version (for example, CFL 1.1), it is required to uninstall the previous CFL version manually, restart, and then install CFL 2.1. Do NOT ignore any restart request from the installer. It is imperative that a restart be done before installing any newer version of CFL.

1.4 MICROSOFT WINDOWS FREEZE SOLUTION

Note: The description of the Microsoft® Windows® freeze solution in the release notes for TS News CR 4.0 was incorrect, although it may solve a similar issue. The main reason for the freeze and its solution is described next.

There is an issue on Dell Optiplex™ workstations due to conflicts between the SoundMAX® audio driver and other programs. This freeze occurs when you open Windows Internet Explorer and try to go to an http address. The freeze completely locks Windows such that even Task Manager won't allow you to reset the workstation. The only way to restart is to hold down the power button until the workstation shuts down, and then push the power button to start the workstation back up.

Sound capability is not required for CTP functionality, so remove the SoundMAX driver and disable audio functionality in the BIOS.

1. Select **Start > Settings > Control Panel > Add/Remove Programs**.
2. Select **SoundMAX** from the list of programs, click **Change/Remove**, and follow the instructions in the wizard. When you click **Finish** in the wizard, the computer will restart.
3. During the Windows restart, press F2 to enter the BIOS setup.
4. In the left pane, use the down arrow to select **Onboard Device** and then press ENTER.
5. In the list under Onboard Device, select Integrated Audio. In the right pane, you will see that it is On.
6. Press ENTER, use the arrow key to select **Off**, and press ENTER again.
7. Press ESC and select **Save/Exit**. The Windows restart continues and the problem should be solved.

If you did not press F2 in time to enter the BIOS setup, the setup program will attempt to reinstall the driver. If this has occurred, follow steps 1-5, next, once the workstation restarts and the driver reinstallation box appears.

1. Click **Cancel** in the dialog box that displays a message about reinstalling the driver.
2. Select **Start > Settings > Control Panel > Administration Tools > Computer Management > System Tools > Device Manager > Sound, video and game controllers**.
3. Right-click **SoundMAX** and click **OK**.
4. In the **Device usage** box at the bottom of the **General** tab, select **Do not use this device (disable)** and click **OK**.
5. Restart Windows, and during the restart process disable audio functionality in the BIOS as described in steps 3 to 7 of the previous procedure.

For more information, see http://techplanet.creo.com/output/device_control/print_console/content/troubleshooting/prc125.htm.

2. CONTROLLED RELEASE PACKAGE INFORMATION

2.1 COMPONENT INFORMATION

Component	Version
Print Console	3.17.1.46
Service Shell	2.6.1.717
Inventory Assist **Note**: Creo Consumables Customers Only	2.0.0
Processor Monitor Interface **Note**: Creo Consumables Customers Only	2.05
Creo Feature Licensing	2.1.5
License Definition Files	2.0.7
MCE firmware (main)	1.30.56
MCE firmware (slave)	1.16.09
MCE Xilinx	2.23
MCE Core Firmware Bundle	1.4
Thermal head 1.x firmware	1.97
Thermal head 2.x firmware	1.05c
Brisque Agent	1.00.057
Version configuration files	TS NEWS 200 MCE TH2.INI TS NEWS MCE TH1X.INI TS NEWS MCE TH2.INI

Controlled release software kit: 634-00010E

Note: The MCE TS News Controlled Release software kit now includes Copydot® Toolkit, Synapse® News Manager and the Controlled Release software CD.

Controlled release software CD: 651-00017J

2.2 DEVICE QUALIFICATION

The following devices have been qualified with this controlled release:

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

The following heads have been qualified with this controlled release:

- Thermal Head 1.x
- Thermal Head 2.x

2.3 LIMITATIONS

- Brisque® Direct software—Brisque version 4.1 output update 5 + LUT patch required
- Media Console 1.3—New database not compatible with Media Console 1.1 database (no upgrade path—must be manually done by Service Tools team)
- DEC® Alpha not supported for Print Console
- DEC Alpha not supported for Service Shell
- Older Dell and Data General® workstations may have inadequate performance.
- Allegro™ Console not qualified for Windows 2003

2.4 DEPENDENCIES

- Windows 2000 SP2 or Windows 2003 operating systems on workstation
- LVD SCSI card or suitable converter on workstation
- Adequate performance achieved with Dell OptiPlex GX270/GX280 (with hyperthreading, 1 GB RAM)
- Internet Explorer 6 or later

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 are 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 to enable this option correctly (if running Brisque Agent 1.00.053 and earlier).
- Brisque Direct 5.0 **Note:** It is recommended that you upgrade Brisque 5.0 to Update 10 or higher. **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 and earlier).
- Prinergy® 2.3 software
- Prinergy Newsrun 3.5 **Note:** Prinergy Newsrun is still in Beta at the time of this release
- TIFF Connectivity via Print Console 3.17 (Tiff Downloader)
- Synapse® News Manager 1.0.20 via Job Processing Server and Print Console 3.17 **Note:** Synapse® News Manager is now included in the Controlled Release S/W Kit
- Allegro 2.1—TIFF Connectivity via Allegro Console
- CRI Workflows: Not available—CRI is no longer supported with Print Console 2.1 and later.

3. INSTALLATION / UPGRADING

3.1 UPGRADEABILITY

This controlled release has only been tested with upgrades from MCE TS News CR 4.0. It is likely that upgrades from previous versions are possible, but they have some risk level.

3.2 INSTALL / UPGRADE PROCEDURE

Total time: 3 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.	
Creo Feature Licensing Ensure that Microsoft .NET framework is installed. Ensure that USB ports are enabled. Install/upgrade Creo Feature Licensing. Install/upgrade License Definition Files.	0.5 hour
Service Shell Install/upgrade Service Shell—needed for checking head/MCE firmware versions and for downloading the new firmware. Ensure that the COM ports are configured correctly.	0.5 hour
Configure Host Device Run the host configuration from Service Host and configure to correct device model.	0.10 hour
Version Check After installing the SS client, start the version checker applet. 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 select **Evaluate > Yes**. 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 config file, and click **Finish**. For more info on Service Shell, see the Service Shell support 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, PDB, and GENINE firmware.	0.5 hour
Print Console Install/Upgrade Print Console.	0.5 hour
Consumables (Creo Consumables customers only) Install/Upgrade Inventory Assist (for Creo Consumables customers) and configure settings in Print Console/IA if necessary. Install/Upgrade Processor Monitor Interface (for Creo Plate Processor customers) and configure settings in firmware if necessary.	0.5 hour
Workflow Brisque: Update versions as documented and reconfigure devices Prinergy: No update necessary Prinergy Evo: No update necessary Synapse News: No update necessary	

Task	Time
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 there are no errors reported by the version checker.	0.25 hour
Functionality Check Check that device and all applications are functional including load/unload of small/medium/large size media	1.5 hours

4. NEW FEATURES

4.1 CROSS COMPONENT FUNCTIONALITY

4.1.1 CREO FEATURE LICENSING

MCE TS News CR 4.1 licenses four features—service usage of Service Shell Host Configuration TCP/IP wizard, media usage within Media Console and Print Console combinations, and service usage of Media Console.

SERVICE USAGE LICENSES

The service dongle or a service license is required to run Media Console 1.3.1 or the TCP/IP configuration portion of Service Shell's 2.6 Host Configuration Wizard and to use Service Shell client without password protection.

Note: If upgrading CFL from an earlier version (for example, CFL 1.1), it is required to uninstall the previous CFL version manually, restart, and then install CFL 2.1. Do NOT ignore any restart request from the installer. It is imperative that a restart be done before installing any newer version of CFL.

4.2 PRINT CONSOLE FUNCTIONALITY

4.2.1 IMAGE ANNOTATION FEATURE

You can configure Print Console to annotate the media with various types of information:

- Date the media was imaged
- Time the media was imaged
- Color of the separation imaged on the media (including Japanese color names in the TIFF file)
- Name of the job imaged on the media
- Serial number of the device on which the media was imaged

To set up the Image Annotation feature, you must enable it in the **Image Annotation** tab on the **Media Sizes** pane. You then select the information that you want to include in the annotation, the degree of rotation, the amount of space that the annotation will occupy on the media, and the location of the annotation on the media.

Once image annotation is enabled on the **Media Sizes** pane, it becomes one of the options you can select when you are configuring a print setup. If you want to include an

annotation on a media, select the **Include Image Annotation** check box in the print setup that will be applied to the job (**Print Setups pane > General tab**). If you disable image annotation on the **Media Sizes** pane, it is automatically disabled in the **Print Setups** pane.

Note: If you want to include job names that have characters in Far East languages, make sure that the operating system locale is the appropriate Far East language. Far East languages include Chinese (PRC), Chinese (Hong Kong) and Japanese. See the Installation Guide for the procedure for changing locale.

4.2.2 FILE FILTERS

There is now a **File Types** box in the **Hot Folders** pane in which you can specify which file types Print Console should process. This setting applies only to files submitted through hot folders. By default, ***.tif** and ***.tiff** files are allowed and all others (for example, ***.tif1**) are blocked from the hot folder. If you want to allow other file types into the hot folder, type the file pattern into this box. If you want to specify more than one file filter, use a colon (:) to separate them.

For example, if you want Print Console to process *.tif1 files in addition to the default file types, the entry would look like this: ***.tif**:***.tiff:*.tif1**

4.2.3 FIFO HOT FOLDERS

Print Console now supports first-in-first-out (FIFO) hot folders, and will pick up TIFF files in FIFO order. The file creation time dictates the order in which files are processed.

For customers who prefer the previous behavior (spooling files in alphabetical order), you can edit the following registry key to toggle between FIFO and alphabetical spooling:

HKEY_LOCAL_MACHINE\SOFTWARE\Creo\PrintConsole\V2.0\Spoolers\Hot-Folder\FIFOSpooling

Set this registry key to **0** to turn off FIFO spooling and go back to alphabetical spooling. (Default = **1** for FIFO).

4.2.4 TIFF DOWNLOADER LICENSING FOR DELL POWEREDGE 2800

Dell PowerEdge 2800s have incorporated some new hardware that Print Console had traditionally used for TIFF DownLoader licensing. This (and all new) versions of Print Console is necessary for any customers that are using the Dell PE2800 with TIFF functionality.

4.3 FIRMWARE FUNCTIONALITY

4.3.1 CORE FIRMWARE BUNDLE UPDATED TO 1.4

The core firmware bundle has generally not been mentioned in release notes before this point. However, a number of people wanted updates when firmware in the bundle changed. Thus, this section will be added as necessary when firmware other than the main firmware or xilinx has changed. The FirmwareUpgrade script can upgrade these components at the same time as main firmware.

The core firmware bundle has been updated to 1.4 with the addition of Lionel code. Lionel code has been updated to 1.19 which fixes a startup glitch in some UDRC cabinets with new Lionel boards.

5. FIXES AND SMALL FEATURES

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