MCE TRENDSETTER 4/8 CONTROLLED RELEASE 5.1

ReadMe/Release Notes

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Revision History

Revision	Date	Author	Comments
1.0	30 Nov 2005	Gary Theobald	CR 5.1 Initial Draft
A	06 Dec 2005	Andrew So	Minor revisions

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MCE Trendsetter 4/8 Controlled Release 5.1
Release Notes

CONTENTS

Revision History i

1. Important Information 1
   - 1.1 Providing Feedback to Product Development 1
   - 1.2 Upgrading to CR 5.1 1
   - 1.3 CR 5.1 MCE Main Firmware NOT Downgradeable 1
   - 1.4 X-Speed 1

2. Controlled Release Package Information 2
   - 2.1 Component Information 2
   - 2.2 Device Qualification 2
   - 2.3 Limitations 3
   - 2.4 Dependencies 3
   - 2.5 Workflow compatibility 3

3. Installation/Upgrading 4
   - 3.1 Upgradeability 4
   - 3.2 Install/Upgrade Procedure 4

4. Major Features and Fixes 5
   - 4.1 Thermal head 2 Firmware Functionality 5
   - 4.2 MCE Firmware Functionality 5

5. Minor Features and Fixes 5

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1. IMPORTANT INFORMATION

Trendsetter® II (MCE TS) 4/8 Controlled Release (CR) 5.1 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

Under the assumption that people are now reading the release notes and as many people have stated that they are worthwhile, please feel free to email me to suggest changes to the format, quantity, or quality of material at Andrew.so@creo.com.

1.2 UPGRADING TO CR 5.1

Due to the scope of changes for feature licensing and the necessity to have all components matched with the appropriate licensing files, it is ***mandatory*** for this controlled release that *you update all components* to the MCE TS 4/8 CR 5.1 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 a minimum of TS 4/8 CR 4.0, it is recommended that you both read the CR 4.0 release notes and upgrade to CR 4.0 level before continuing, as there are a number of important changes since 3.x and any issues can be addressed before moving to a full feature licensed system.

Note: Due to the scope of changes in CR 4.0 and CR 5.0, it is recommended that you read the release notes for that controlled release and upgrade to CR 4.0 or CR 4.1 before continuing. Both CR 4.0, CR 4.1 and CR 5.0 release notes are included in the Release Notes folder on this CD.

Note: If you do not have a customer dongle, service dongle and customer license files, do not upgrade the site, as it will result in a hard-down situation.

1.3 CR 5.1 MCE MAIN FIRMWARE NOT DOWNGRADEABLE

Due to security concerns, once CR 5.1 main firmware has been loaded, it is not possible to downgrade firmware back to previous CR 4.x levels. Ensure that you have the customer dongle and license files before continuing, as well as being upgraded to CR 4.0 or CR 4.1 level.

1.4 X-SPEED

This update supports the new X-speed. The base, AL, and CL configurations will now have the speed designations S/F/V/X, with X being the highest throughput.

Note: Hardware installation of a TH2 and an X-speed customer license is required to achieve the X-speed throughput specification.

2. CONTROLLED RELEASE PACKAGE INFORMATION

2.1 COMPONENT INFORMATION

Component	Version
Print Console	3.19.1.7
Service Shell	2.6.1.717
Media Console	1.3.1.394
Processor monitor interface **Note**: Creo consumables customers only	2.05
Creo Feature Licensing	2.1.5
License definition files	2.0.8
MCE firmware	1.36.21
MCE Xilinx	2.23
MCE core firmware bundle	1.4
Thermal Head 1.x firmware	1.97
Thermal Head 2.x firmware	1.05d
Brisque Agent	1.00.057
Version config files	**TS-400-800-II-TH1x.ini** **TS-400-800-II-TH2x.ini**

Controlled release software kit: 634-00398A
Controlled release software CD: 651-00430B

2.2 DEVICE QUALIFICATION

The following devices have been qualified with this controlled release:

- Auctus®
- Trendsetter 400/800 II
- Trendsetter 400/800 II Spectrum®
- Trendsetter 400/800 II ContinuousLoad
- Trendsetter 400/800 II Autoloader
- Trendsetter 400/800 II ContinuousLoad Spectrum
- Trendsetter 400/800 II Autoloader Spectrum

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

- MicrosoftWindows® 2000 Professional, Microsoft Windows XP Professional, Microsoft Windows 2000 Server, or Microsoft Windows 2003 Server operating systems on workstation
- LVD SCSI card or suitable converter on workstation
- Adequate performance achieved with Dell OptiPlex GX270/GX280 and PowerEdge PE830 (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, it is mandatory to 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 Brisque 5.0 be upgraded to update 10.
  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
- Prinergy 3.0
- Prinergy Evo 1.2
- TIFF Connectivity via Print Console 3.19 (Tiff Downloader)
- Allegro 2.1—TIFF Connectivity via Allegro Console

- CRI workflows: Not available—CRI 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 4/8 CR 4.x. 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 Service Shell 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 about 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 (generic input/output node electronics board) firmware.	0.5 hour
Print Console Install/upgrade Print Console.	0.5 hour
Media Console (Media Console customers only) Install/upgrade Media Console.	0.25 hour
Consumables (Creo consumables customers only) Install/upgrade Inventory Assist (for Creo consumables customers) and configure settings in Print Console/Inventory Assist if necessary. Install/upgrade processor monitor interface (for Creo plate processor customers) and configure settings in firmware if necessary.	0.5 hour

Task	Time
Workflow Brisque: Update versions as documented and reconfigure 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 no errors are reported by the Version Checker.	0.25 hour
Functionality Check Check that the device and all applications are functional, including loading and unloading of small, medium, or large size media.	1.5 hours

4. MAJOR FEATURES AND FIXES

4.1 THERMAL HEAD 2 FIRMWARE FUNCTIONALITY

Firmware 1.05d for TH 2.x heads is necessary for achieving longer head life and fixes several issues that occurred in head firmware 1.05c.

4.2 MCE FIRMWARE FUNCTIONALITY

MCE firmware 1.36.21 includes a fix that will reduce the heat generated by the unload traveller stepper motor when it is resting at the home position. This applies to all Autoloader and ContinuousLoad devices.

5. MINOR FEATURES AND FIXES

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.