

Media Console 1.2.1

Release Notes

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Revision History

Revision	Date	Author	Comments
A-A	14 July	Grant Edwards	Created document for Media Console version 1.0.
	25-Feb-2003	Aleksandar Jaksic	MCON 1.1 Update
A-B	7 March 2003	Brian Holness	Revision to MCON 1.0 Product Status, Build 90 Limitations item 6, Build 190 Improvements, Problems Fixed and Limitations.
	5 May 2003	Aleksandar Jaksic	Build and version updates for MCON 1.1 Beta.
A-C	13 May 2003	Brian Holness	Updates for Version 1.2.0.243
	23 June 2003	Aleksandar Jaksic	Updates for Version 1.2.0.256
A-D	26 June 2003	Aleksandar Jaksic	Updates for Version 1.2.1
	22 August 2003		Updates for Version 1.2.1 Build 268
	02 Sept. 2003	Brian Holness	Edit

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Media Console
Release Notes

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MEDIA CONSOLE RELEASE NOTES

Product Status

Media Console 1.0 was in Beta until Media Console 1.1 beta release. Media Console 1.2 was in development until the CR in May of 2003..

1.0 Build 97

Problems fixed

1. Fixed a problem associated with tuning multiple media at once. If no changes were detected after capturing back a media's parameters, the capturing process would stop, leaving the remaining selected media un-captured.
2. Fixed the estimated time to capture media during the initial harvesting of slots. The original estimate was too long.

Improvements

1. We improved the navigation in the onboard help, so that all pages have a way to navigate back to previous page.
2. The Limitations and Known Problems/Issues sections of this document have been updated. Please re-read.

1.0 Build 90

Problems fixed

1. We improved the Classify Media dialog (used during slot harvesting during software configuration) so that it is much easier to match up a harvested media to media known to database. List of media to match up against is limited now to those with same color name.
2. We added a confirmation dialog that will display when user clicks on OK button on the Classify Media dialog. This gives the user opportunity to verify classification is correct and warns them that the classification cannot be undone.

Improvements

1. We added an "All" filter to the Configured Media and Supported Media views.
2. We created a new media definitions file (version 5) that updates the definitions for Matchprint DHPGT HF media. To apply these changes to the media database, navigate to the Supported Media view and click on the Update task button.
3. We updated the onboard help to improve the navigation between help pages. The user can now click on a task button in a screen image and the help page associated with the next screen that would be displayed, will automatically be displayed.

Known Problems/Issues

1. Loading and capturing of media parameters to/from slots takes up to 3 minutes per load or capture. Throughput is limited by use of Splot scripts over the Diag port, and is being addressed in next version of product.
2. Sorting on the History view is not implemented.
3. Sorting of the Re-tune and Batch Id fields on the Configured Media view screen is not implemented.
4. The device configuration is only queried during the initial software configuration. There is currently no easy way to re-query the device to update the device information in the database. Contact Creo development to manually update a database if the head is swapped out or the MPE firmware is updated.
5. The Undo task on the History view is not implemented, so the user cannot easily undo a task, such as a media tuning.
6. Not compatible with the DCAL tool that is used to tune KPG Type 2 proofing media as DCAL requires the media to be loaded into specific slots in the device.
7. When a media tuning or configuration fails, the history record that is created does not report the exact log file generated by the TA used to load and capture media to/from a slot. Currently, it only reports the directory containing the log file. The user must match the time of the history event to the date of the log file to determine which log file to use.
8. Canceling the TA that is used to load and capture media to/from a slot in the device before it has progressed past 20% will result in the TA failing with an error. Media Console will report a failure in the history log.
9. On the Configured Media view, the Re-tune indicator is not functional – it will always indicate that no re-tune is required.
10. On the Configured Media view, the Batch ID field for each media is not functional – it will always indicate “N/A”, as support for media batches has not been implemented yet.
11. The Devices view does not provide a way to view the current CTP device details (such as head serial number, firmware and electronics versions, etc.) at this time.
12. There is no ‘select all’ type capability on any of the screens. Selecting media from a list must be done by clicking on each checkbox associated with the media you want selected.
13. Only the media parameters in the hdm, media and scorr tables are captured or loaded to/from the device. If a new proofing media is being setup on the device, may have to manually setup entries into the proof table to support that media type.

Limitations

1. Current version only supports Service user mode. Thus the customer will not have ability to run this software. Service will be responsible for doing any media tuning or configuration. A future version will enable a customer to do his/her own media management.

2. Supports the following CTP devices: MPE-based Trendsetter Spectrums and Proofsetters.
3. Software qualified to run on Windows 2000 only.
4. The user cannot undo media classifications that are done during slot harvesting. Carefully review the confirmation dialog before proceeding.
5. Any load or capture to/from a slot requires the user to shutdown any applications that could be using the Diag port on the CTP. This includes: Print Console, Service Host, RCTP, SPlot, Procomm and HyperTerminal. However, once all the slot loads or captures have completed, Media Console will provide a reminder to restart those applications which the user had to shutdown.
6. User cannot control the slot media is loaded into. Each time a group of media is selected for tuning or configuring, media will be loaded into slots starting at the first available slot which may not be slot one.
7. Software can only be configured to connect to the media database and the CTP device that are local to the workstation.
8. All dialog windows are fixed in size.
9. Application does not yet support media batch management.
10. Backups of the media database must be done manually. See onboard help for details.

Media Console 1.1, Build 198

Improvements

1. Ability to run more than 16 media.
2. Can unconfigure (delete) media that was previously configured.
3. Much faster media capture time than Version 1.0 (15s versus 3+ minutes per media).
4. “Update” function for database will handle firmware version changes to head or MPE as long as media parameters don’t change.
5. Works cooperatively with other DCAPI applications running such as Service Shell. Conflicting applications mechanism just gives warning now and won't block until they are shutdown (i.e. Print Console still has to be shut down manually).
6. Properties View: Queries CTP Device for information such as Device Name, Device Electronics Name, Device FW Version, Media Loaded , Current Carrier Index, Current Carrier Instance, Laser Ready Time, Slot Max Block Size, Number of Slots, Number of Test Patterns, Head Type, Head Name, Head FW Version, Head Serial Number, Ready Time, Stroke Width, Stroke Offset. It also displays properties for Media Console, Media Manager and DC API.
7. Tracks changes to media configuration in database history.
8. Tracks added support to delete device.

9. Tracks all changes (including database history) in a log file that can be viewed by log viewer.
10. Custom media definition files is not a scalable solution but will help to limit the types of media used at Beta sites.
11. Media definitions file updated with new overwriting patterns for all proofing media.
12. Media definitions file updated to add two new media (DuPont WPT G2 FM20 and DuPont WPT G3 FM20).
13. Media definitions file is encoded to protect the intellectual property.
14. Upon shutdown of application, user will be reminded to do a backup of database if database had been modified
15. First time startup of application puts the user in Devices view making it easier and more intuitive to set up the device.
16. Restored the unlimited media feature licensing that MCON 1.0 had.
17. Password protected “Service Mode”.
18. Has expiry date built in (Jan 01st 2004).
19. Displays both the wide and narrow mode media parameters.
20. Supports Brisque workflows as long as THEY? read media definitions from Print Console files.
21. New installer package

Problems Fixed

1. MSTI Initialization Error which was caused by incorrect reporting of device type.
2. Doesn’t hang anymore on clicks that are made in the extreme left or right position of the View pane.
3. Details of media changes are listed for the current media and the user is asked for confirmation before the final capture is done.
4. When all loads are complete (configure or tune), and all captures are complete the user is provided with feedback listing the number of successfully loaded media as well as the number of fails.
5. The user is prompted for confirmation when loading or capturing more than one media.
6. History records indicate why a media capture failed.
7. Pressing the Escape key when a view is displayed in Media Console, closes the current window and goes back to the main Media Console Menu window.
8. Re-connecting does not generate "Failure connecting to DCAPI server" message.

Limitations

1. Default fheadcal value for setting up new media is now default value for device (5.000). Previously the value for media in slot 1 was used as default, but DCAPI doesn't support harvesting that device property. **Media setup will require setting fheadcal to correct value.**
2. Does not work with Oren or MCE Trendsetter Spectrums.
3. Must shut down Print Console or other comm. port applications to tune media.
4. When loading a media, no Media Console window is updated until the load is completed.
5. Must <ALT><TAB> to switch between Media Console and Service Shell for a typical media tuning or media configuring operation.
6. Must remember to **load** the media before tuning or configuring, and **capture** the tuned or configured media back into the database when done.
7. Remote service model requires use of desktop view to tune or configure media.
8. Test Plot applet not well integrated (currently it queries DCAPI to find out what media are available).
9. Service password protection is not formidable – risk of unauthorized media additions.
10. Does not license specific media - controlled through config files expiration date and FSE as gate keeper.
11. Does not handle automatic addition or changes to the media parameters with MPE or head firmware changes.
12. Does not include UDRC support.
13. Does not handle head swaps nicely (risk of new head's configured values getting over-written). Procedure document ***Head Swap*** covers head swapping requirements.
14. Comm port settings must be set outside of Media Console using Service Shell, SMST, or other application.
15. If a job fails in Print Console the remainder of the jobs in the queue are stalled and Print Console needs to be restarted. This is a known bug in Print Console.
16. There is a screen refresh delay in Media Console Version 1.1. When running and communicating with a device the screen will not be refreshed until the communication is complete. This can leave a blank gray window on the screen and is a known limitation, to be fixed in the next release of Media Console.
17. There is a slight delay of 10 seconds or less the first time Media Console is loaded into the device. This is a known delay and is being researched.
18. Installer does not remove the files that have been created during the run-time. To uninstall Media Console run uninstaller first, then manually delete remaining files.

19. DCAPI 0.7 used by Media Console 1.1 supports only the following devices: SP4xx - DCAPI_Trendsetter400Spectrum, SP8xx - DCAPI_Trendsetter800Spectrum and PS8xx - DCAPI_Proofsetter3244Spectrum.

Compatibility

- Runs on Windows 2000 Pro and Windows 2000 Server
- Head TH 1.83 or higher
- MPE F/W 1.63 (latest build)
- DCAPI 0.7 Release 2 Patch 001
- Service Shell 2.4 SP1
- Print Console 2.2.5.6
- Brisque 4.05

Media Console 1.2.0, Build 256

Improvements

1. Spectrum MPE\MCE Firmware Support (Not yet tested for MCE Spectrum CR).
2. Normal and FM imaging parameters.
3. New GUI completely redesigned to make it more intuitive and to improve productivity.
4. Redesigned database to support future changes, MCE Devices and Imaging Modes.
5. Improvement to database overall reliability and robustness:
   - Enforced database referential integrity
   - Automatic recovery operations in the event of fatal database failures
6. Database update operation transaction support.
7. Email Problem Reporting will automatically generate and send an email to ODServiceToolsSupport@creo.com including all relevant files and information required for a technical support.
8. Automated backup at the end of each session if any of the following files have been modified:
   - KnownDevices.cfg
   - MediaDefinitions.def
   - MediaManager.mdb
7. Default backup directory can be user defined to any accessible directory from the workstation.
8. Improved self diagnostics to determine communication to CTP Device and enabling of Media Manager.
9. Improved reporting and error logging.
10. Printing capability through standardized Windows Print dialogue for Supported Media, Configured Media, History, Devices and Properties.
11. User feedback displayed with percentage graphs for individual tasks and overall progress during media loading, capturing and tuning.
12. Log File Archiving
13. Device Diagnostics can retrieve all device properties and indicate if the device and head FW versions are supported.
14. Service Shell and Print Console compatible log file format.
15. Single global directory and simplified registry structure. Local Directory includes:

- Logs *.log
- Software *.dll, *.exe
- Media Manager DB *.mdb, *.def, *.cfg
- XMLSchema *.dtd, *.xml
- Docs *.doc, *.chm, *.ppt, *.pdf
- Backup *.mdb, *.def, *.cfg

Problems Fixed

AJAC-0002: Displaying a message in OnInitDialog() for the current dialog view causes and immediate crash.

DINM-0348: Clicking X in right corner after selecting and loading media leaves that task without warning or completion.

DINM-0330: The frozen window problem occurred during longer media loading / capturing.

DINM-0125: View list doubles up on small font, 1024X768 monitors.

DINM-0126: Need a select all option.

DINM-0119: The GUI looks awkward and blocky.

DINM-0118: History window sort doesn't work.

DINM-0109: No device connected to the database results in no entries in History.

DINM-0033: Print does not seem to work.

DINM-0024: Column sort is currently alphabetical in one direction.

AKAH-0001: After uninstalling Media Console the registry key is not removed.

Problem ID 6067: A warning to create a nvs dump only applies to MPE.

Problem ID 6085: Configured media default view should be all not plate.

Problem ID 6098: Pattern 1 should be changed to pattern 3. Pattern 1 is not a pattern.

Limitations

Head F/W changes not supported.

When Upgrading from Media Console 1.1 beta or Media Console 1.2.0 beta (up to and including build 240), you will have either to perform a clean de-installation by deleting MediaConsole\MediaManagerDB\MediaManager.mdb and MediaConsole\MediaManagerDB\KnownDevices.cfg and then re-harvest the media or to send MediaConsole\MediaManagerDB\MediaManager.mdb to ODServiceToolsSupport@creo.com for upgrade.

Compatibility

Windows 2000 Pro and Windows 2000 Server

Note: This version has not yet been tested on Windows XP

Head Firmware 1.83 or higher

MPE Firmware 1.70 or higher

MCE Firmware 1.14 or higher

Note: Not yet tested for MCE Spectrum CR

DCAPI 0.8+

Service Shell 2.4 SP1

Print Console 2.2.5.22 or higher

Brisque 4.05

Media Console 1.2.1, Build 259

Improvements

Same as for Media Console 1.2.0 Build 256

Supports both MPE\MCE Spectrum Firmware.

Problems Fixed

Installer overwrites configured database.

Problem ID 6410: Changed Invert in MCON is not propagated to Print Console

Limitations

Same as for Media Console 1.2.0 Build 256

Compatibility

Windows 2000 Pro and Windows 2000 Server

Note: This version has not yet been tested on Windows XP

Head Firmware 1.83 or higher

MPE Firmware 1.70 or higher

MCE Firmware 1.14 or higher

DCAPI 0.8+

Service Shell 2.4 SP1

Print Console 2.2.5 for MPE; Print Console 3.5 for MCE

Brisque 4.05

Media Console 1.2.1, Build 268

Supports both MPE\MCE Spectrum Firmware.

CTP Device Electronics Type (i.e. MPE\MCE) has to be configured properly using Service Host Configuration Wizard which is part of Service Shell 2.5.

This version of Media Console and Media Manager Database expires on February 01, 2004.

Improvements

1. Updated Media Definitions file, version 22:
    - Added new media (MediaID 1109) with the spot color Orange to DuPont WPT G2.
    - Added new media (MediaID 1110) with the spot color Orange to DuPont WPT G2 FM20.
    - Renamed "Matchprint DHPGT Custom" to "Matchprint DHPGT NA" for 6 spot colors.
    - Updated DuPont parameters which include owp and swidth and updated the drum speeds and wpower for Gen2 spot colors.
    - OverwritingPattern changed from 3 to 50 for DuPont Waterproof Thermal G2 CMYK
2. Database Backup filenames are now time stamped.

Problems Fixed

Problem ID 6244: Media manager does not recognize a proofsetter device type.

Problem ID 6247: Message when loading multiple media onto the device is incorrect.

Limitations

See Media Console 1.2.1, Build 259.

Compatibility

Windows 2000 Pro and Windows 2000 Server

Note: This version has not yet been tested on Windows XP

Head Firmware 1.83

MPE Firmware 1.70 or higher

MCE Firmware 1.14 or higher

DCAPI 0.800.776.001

Service Shell 2.5

Print Console 2.2.5 for MPE; Print Console 3.5 for MCE

Brisque 4.05