MEDIA 100

A BUSINESS UNIT OF BORIS FX

Media 100 Suite Version 1.5.1 Release Notes

Boris FX - Media 100® is pleased to offer Media 100 Suite Version 1.5.1.
This is an upgrade release from all previous versions of Media 100.
All versions of Media 100 Suite will run as a standalone, software-only application (replacing the previous Media 100 Producer) AND will also work with supported I/O hardware.
Media 100 Suite integrates with AJA® hardware including their Kona3, LHi, LHe and LSe cards as well as the entire Matrox MXO2 line of I/O devices and several devices from Blackmagic Design, including the Intensity Pro, DeckLink SDI, DeckLink Studio and DeckLink HD Extreme.
This release supports Apple Inc® Computers with Intel processors and PowerPC processors running a minimum of Mac OS X 10.5.8 Leopard or 10.6.2 Snow Leopard. Mac OS X 10.4 Tiger is not supported.
Read these Release Notes before using the software. This document provides up-to-date information regarding Media 100 not included in other documents.

What's new in Version 1.5.1?

Media 100 Suite 1.5.1 incorporates the following fixes and enhancements from version 1.5:

NTSC Timecode for imported WAV and BWF files with embedded timecode has been corrected.
Batch export of multiple programs now produces the expected results.
Volume search for media relink has been updated for better compatibility with certain network volumes.
Conforming media from the new standards 720p25 or 720p29.97 now produces the correct results.
The application no longer shuts down during launch or export when it encounters an incompatible QuickTime component.
New commands "**Ripple Delete in Track**" and "R**ipple Delete**."
The Ripple Delete commands delete a marked range of frames and shift everything after the range to the left. To use Ripple Delete in Track, first mark the beginning of the range you want to delete with the Mark-In command (F1), and mark the end of the range with the Mark-Out command (F2). Then select the track containing the clip(s) you want to delete by clicking on the green ball at the left of the program window. The Ripple Delete in Track command is now enabled in the Program menu. To use Ripple Delete, which affects all tracks, hold down the option key.

What's new in Version 1.5?

Export Presets: A new Preference Pane lets you create and save multiple presets for exporting of Programs.
Batch Export Queue: Programs can be added to the Batch Export Queue window where Export Presets can be applied. Any combination of Programs can be exported using any number of Export Presets.
Collect Files: Collect Files is a simple command to quickly collect the active Program, Bin, or all Programs and Bins in the active Project along with all associated media files in one place.
AVCHD Import using ClipWrap: Choosing "Import AVCHD..." from the File menu launches ClipWrap, an optional third-party application. You can then choose AVCHD files which will be re-wrapped to be QuickTime-friendly and imported into Media 100.

Minimum System Requirements

Mac OS: Leopard 10.5.8
QuickTime: 7.6.2
Processors: Power Mac G5 or iMac with 1.8 Ghz Processor (SD and Uncompressed HD Media only)
Ram: 2 GB
AJA Driver for LSe, LHe, LHi and Kona3 cards: v7.5
Blackmagic Software for DeckLink SDI, DeckLink Studio and Decklink HD Extreme cards: v7.5
Blackmagic Software for Intenstiy Pro cards: v3.5.1
Matrox Software for MXO2, MXO2 Mini and MXO2 Rack: v1.8.1
Media 100 HDx: correct drivers are installed with software.

Recommended System Requirements
Mac OS: Snow Leopard 10.6.3
QuickTime: 7.6.6
Processors: Two 2.66GHz Quad-Core Intel Xeon "Nehalem" processors
Ram: 6 GB
AJA Driver for LSe, LHe, LHi and Kona3 cards: v7.5
Blackmagic Software for DeckLink SDI, DeckLink Studio and Decklink HD Extreme cards: v7.5
Blackmagic Software for Intenstiy Pro cards: v3.5.1
Matrox Software for MXO2, MXO2 Mini and MXO2 Rack: v1.8.1
Media 100 HDx: correct drivers are installed with software**.**

Obtaining Support
Media 100 provides 30-days of free e-mail Technical Support for new customers. For more information, please visit www.media100.com, call 1-800-922-3220 or contact your local reseller.
Media 100 also offers a wide range of support options including:
Platinum Plus - One year of Software Updates, 7x24 Technical Support.
Platinum Preferred - One year of technical support, 8am to 8pm EST (Monday-Friday).
Platinum 8-8 Support - One year of technical support, 8am to 8pm EST (Monday-Friday).
Platinum 7x24 Support - One year of technical support, 24 hours a day, any day of the week.
Platinum Software Updates - One year of Software Updates.

Installing your new Media 100 Software
- Launch the Media 100 Suite v1.5.1 Installer.
- Enter your Name, Organization and the Trial Install Code sent to you via email.
- Follow the prompts to perform a "Standard Install".
- You will be prompted to restart once the installation is complete.

Upgrading from a version prior to Media 100 Suite v1.0
- Launch the installer for your currently installed version of Media 100.
       If you don't have one, installers can be downloaded here:
       http://www.media100.com/support/downloads.php
- Enter your Name, Organization and the Trial Install Code sent to you via email.
- When prompted, switch from "Easy Install" to "Uninstall".
- When the uninstall is complete, quit the installer and restart.
- Launch the Media 100 Suite v1.5.1 Installer, follow the prompts and restart.

Upgrading from Media 100 Suite v1.0 through v1.5
- Launch the uninstaller found in the Media 100 application folder and follow the prompts to uninstall.
- Launch the Media 100 Suite v1.5.1 Installer.
- Enter your Name, Organization and the Trial Install Code sent to you via email.
- Follow the prompts to perform a "Standard Install".
- You will be prompted to restart once the installation is complete.

Support for 3rd Party Hardware
AJA drivers can be downloaded at:
       http://www.aja.com/support/index.php
- Be sure to choose the correct driver for your particular AJA card.
- The LSe, LHe, LHi and Kona3 cards require the driver for use with Media 100 Suite v1.5.1.

Blackmagic Design drivers can be downloaded at:
       http://blackmagic-design.com/support/software/
- Be sure to choose the correct driver for your particular Blackmagic card.
- The DeckLink SDI, DeckLink Studio and DeckLink HD Extreme requires the v7.5 drivers for Media

100 Suite v1.5.1.
- The Intensity Pro requires the v3.5.1 drivers for Media 100 Suite v1.5.1.

Matrox Software for the MXO2 line of devices can be downloaded at:
> http://www.matrox.com/video/en/support/downloads
- Be sure to choose the correct driver for your particular Matrox MXO2 device.
- The MXO2 line of devices requires Matrox driver software for use with Media 100 Suite v1.5.1.

Licensing your new Media 100 Software
Media 100 uses a trial and purchase (Try and Buy) unlock code scheme. For 15 days after installing the Media 100 application, you may choose to unlock your software or use it in trial mode. When the trial period has expired, the application will no longer launch until it is unlocked.
To purchase an Unlock Code, click the purchase button to be directed to the Boris FX online store or call 888.772.6747. It is important to provide Boris FX - Media 100 with your most current contact information. Media 100 strongly advises you to register your software so that we may keep you up to date on all information regarding your Media 100 System.

Platinum Software Update Subscribers
If you are updating from a version prior to v13, please visit:
> http://www.media100.com/upgrades.php

for information on how to obtain your upgrade. NOTE: For the quickest and easiest installation, provide an internet connection for the computer on which you are installing Media 100.

Additional Information
HDV Support: Media 100 uses a QuickTime® developer tool kit for HDV support, therefore it is required that users have installed codecs and device drivers to transcode HDV media streams into a format that can be used by Media 100. These codecs and device drivers are commonly installed with Apple Final Cut Pro®.

FireWire Device Control, Video/Audio Input: Media 100 uses the Apple QuickTime API for Video/Audio and Device control and it is possible that not all device functionality can or will be supported. Some devices have inherent functionality that is not available (i.e. jog/shuttle); while some devices may need specific functionality to allow it to operate at all. In general, more expensive "High End" devices will have better success with Device Control and Video/Audio input and output.

Audio Output Information: Audio output from your computer speaker may be a frame or two out of sync with video. If this occurs stop playback and try again.

Known Issues
Workarounds as noted
-**Acquire** - NTSC acquire using less than 5 seconds pre-roll causes a 1 frame shift in timecode of acquired clips on some decks; use the default of 5 if this occurs.

-**Audio** - Software-only: when switching the Audio Out Preferences to "None" system will still output audio via the Mac speaker.

-**Audio** - Software-only: User is not notified that the system audio device is disabled when FireWire Video/Audio Output is enabled.

-**Batch Acquire** - All changes made in Change Media Attribute window may not be properly executed/displayed after Batch Reacquiring involved clips.

-**Batch Acquire** - Attempting to batch acquire can result in a loss of sync and "Can't Record" errors in the Batch Acquire window with some FireWire devices.

-**Batch Acquire** - Pre-roll / trim handles combination can cause black and/or missing frames at beginning of reacquired clips in NTSC or PAL on some decks, adjust these settings to default if this issue is encountered.

-**Clip Presets** - Clip Preset effects do not show up in RED UI when a Boris Transition is applied between Va & Vb clips which also have Clip Preset effects applied.

-**Codecs** - When acquiring to the DVCPro50 or Motion JPEG B codec this material will get "flagged" that it uses a video color range. Material acquired into Media 100 HD/i codec does not get this flag. Mixing both of these elements in After Effects (for example) will result in different levels/contrasts from the same material.

-**Deck Control** - FireWire: If preferences are set to FireWire machine control but video set for composite, machine control may not work when entering Acquire mode.

-**Deck Control** - FireWire: Some DV devices do not support Jog/Shuttle functionality. In general, device functionality is derived from the deck and Media 100 can only use functions that are present on the device.

-**Export** - QuickTime: In the event that exporting via the QuickTime through the Media 100 Edit Suite fails, it is recommended to export as Self-Contained or By-Reference and then export THAT file from QuickTime Pro to the desired settings.

-**MultiClip** - Syncing a video MultiClip and a VoiceOver clip together and then attempting to edit them in the MultiClip edit window may give unexpected results. The features are not intended to work in this way.

-**Preferences** - When setting your DV deck control the deck id is a series of numbers and/or letters. This is normal. If the device name or information is available to Media 100, this information will be displayed.

-**Real-time HDV Acquire** - The older/slower the Macintosh computer, the less likely that Media 100 will be able to acquire HDV in real-time. In cases such as these, Deferred HDV Acquire is recommended.

-**Third-Party Software** - Media 100 may report that the hardware is in use by another application if Final Cut Pro's Video Playback is set to Apple FireWire.

Additional Notes:
Hardware and Software Systems - Media 100 Video Out: If you use the Video Out feature in Adobe AfterEffects®, it is important to launch the Media 100 software before you launch After Effects. This only affects Media 100 the first time you launch your new application. Subsequent uses of Media 100 Video Out do not require a launch of the Media 100 application.

Hardware and Software Systems - Codecs: Additional Codecs such as Apple Uncompressed YUV 8 –bit and 10 bit, DVC Pro HD, Apple Pro Res, Pro Res (HQ) and Sony XDCAM are supported in Media 100 but are not distributed with our software. If they are installed on the system, Media 100 will provide full support for these codecs.

Hardware and Software Systems - Boris RED: When bundled with Media 100, Boris RED is referred to internally as Composite Suite. Boris Graffiti (Title Suite) and Boris FX (Effects Suite) are no longer installed.

Hardware and Software Systems PAL - 16x9 clips conformed to 4:3 (letterbox): When batch acquiring the clip, the clip will appear as though you cropped it in the conform instead of selecting letterbox. You must software-conform because the hardware (with the exception of the Kona3 card) does not support conform-on-the-fly while acquiring.