

History_scribe.txt

MF Digital Scribe development history

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04/05/2002 - v.2.0.0 build 48

- 1. History started.**

04/11/2002 - v.2.0.0 build 49

- 1. Added support of Pioneer A04 DVD drive.**
- 2. Fixed problem with proper recognition of 8 drives (Vantage), when additional CDROM is**

installed in PC.

04/22/2002 - v.2.0.0 build 50

- 1. Initialization procedure changed: if no drives were found and/or printer was unable to initialize,**

the application will not terminate. Before restarting the application, the user can make any

necessary changes thru the Settings tab instead of editing Windows Registry.

- 2. Added support of Trace-Affex printer.**
- 3. Added support of Spectrum 2 printer.**
- 4. Fixed problem with ability of DVD authoring (a bug introduced in build 49).**

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04/30/2002 - v.2.0.0 build 51

- 1. Fixed problem with mixed up IFO/VOB files in DVD images (Vulcan issue).**
- 2. Fixed problem with disabling API in the Vantage version.**

05/29/2002 - v.2.0.0 build 52

- 1. Fixed problem with misinterpreting the "Input Spindle empty" error code in Scribe loader.**
- 2. Fixed problem with the "Name conflict" dialog appearing when the CD Image rendering was**

invoked automatically by a Job (it could happen with some poorly written ISC scripts). Such a job

will be terminated with an error status instead. This dialog is supposed to appear only if the CD

Image rendering is invoked by an user from Data Image Editor window.

- 3. Fixed problem with printing in Relay-mode jobs. The list of PRN files supplied with such a job**

should contain at least as many PRNs as many masters wait on the input spindle. The job should

"switch" to the next PRN every time after it encounters a master disc. The bug in the software

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caused the "switching" happened after each disc, not only the masters. Thus the job was

prematurely reaching the end of the list and further printing was failing because no PRN filename

was available.

4. Fixed problem with minor incompatibility with cdDIRECTOR-generated ISC files. If in the ISC file

"ISO9660" is declared as FileSystem, and the file contains one or more "JOLIET-type" names, then

the Image creating procedure should generate appropriate "ISO-type" names and go on instead of

jumping off with an error status.

5. Added support of the Optical Alignment Rotator in Vantage loader.

05/29/2002 - v.2.0.0 build 53

1. Fixed problem with printing without using the Optical Alignment Rotator (a bug introduced in

build 52).

2. Fixed problem with the printer alignment test utility.

3. Fixed problem with displaying correct version of drive firmware after upgrading.

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05/30/2002 - v.2.0.0 build 54

1. Fixed problem with printing in Relay-mode jobs in Vantage loader (a bug introduced in build 53).

06/09/2002 - v.2.0.0 build 55

1. Fixed problem with creating UDF images. The bug in software could cause a crash if any

"video-type" file (.IFO, .VOB or .BUP) was found in the image, but located somewhere else than in

\VIDEO_TS folder.

2. Added suport of Sanyo CRD-BP1700 drive (40x).

3. Added warning message when an user selects "color" PRN file on Spectrum printer.

4. Fixed problem with "My Documents" folder appearing twice in Windows ME.

5. Fixed problem with "Scribe" name appearing in a message box while updating firmware on

Vantage machines.

6. Added feature which prevents running more than one instance of the application.

7. Fixed problem with compiling WAV files in Win98 and WinME.

8. Fixed problem with reporting bad status on successfully verified discs.

9. Fixed problem with Spectrum 1 color printing.

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06/07/2002 - v.2.0.0 build 56

- 1. Attempt to fix problem with compiling WAV files.**
- 2. Some updates in modules related to communication with the Scribe-client software.**

06/10/2002 - v.2.0.0 build 57

- 1. Another attempt to fix problem with compiling WAV files.**

06/11/2002 - v.2.0.0 build 58

- 1. Fixed problem with a window which displays progress of a process (processes like adding files**

to an image, reading an ISC file etc.). Really short process might occasionally hang up the

application.

- 2. Fixed problem with creating bad copies under WinME (this has been misinterpreted before as**

the problem with compiling WAV files).

06/17/2002 - v.2.0.0 build 59

- 1. Fixed problem with simultaneous verifying and printing (the**

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processes will now run separately).

07/19/2002 - v.2.0.0 build 60

- 1. Fixed problem with automatic firmware upgrading on Sanyo CRD-BP1700 drive (40x).**
- 2. Fixed problem with recording discs on Sanyo CRD-BP1700 drive (40x) using FireWire interface.**
- 3. Fixed problem with "My Documents" folder appearing twice in Windows XP.**
- 4. Fixed problem with browsing "My Computer" folder in Windows XP.**
- 5. Fixed problem with the "Name conflict" dialog not appearing when the CD Image rendering was**

invoked by an user from Data Image Editor window (a bug introduced in build 52). This bug

allowed to insert a file or folder with same names two or more times into the same place in the

Image without any notification.

07/23/2002 - v.2.0.0 build 61

- 1. Increased data transmission rate between the application and client software.**
- 2. Added capability of displaying different splash screens.**

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07/23/2002 - v.2.0.0 build 62

1. Fixed problem with proper supporting the client software and the API. The Scribe-client shall be

supported by the Scribe AND the Vantage. The ScrAPI shall be supported only by the Scribe.

2. Fixed problem with browsing "My Computer" folder in Windows 98 (a bug introduced in build

59).

07/31/2002 - v.2.0.0 build 63 - internal test use only

1. Added support of TS loaders (Print-only jobs only).

2. The support for all Amtren loaders temporarily disabled.

08/01/2002 - v.2.0.0 build 64

1. Implemented full support for TS loaders.

2. The support for all Amtren loaders enabled back.

3. Improved timeout errors handling in communication to the Spectrum (Rimage) printers.

4. Improved performance of the Spectrum2 (CP) printers.

08/06/2002 - v.2.0.0 build 65

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- 1. Real max speed of recording on Sanyo CRD-BP1700 drive (40x) downgraded to 32x.**
- 2. Updated firmware for Sanyo CRD-BP1700 drive (40x).**
- 3. Fixed problem with copying multitrack DVDs on Pioneer DVR-A03 and DVR-A04 drives.**

08/09/2002 - v.2.0.0 build 66

- 1. Fixed problem with upgrading firmware on Sanyo CRD-BP1700 drive (40x).**

08/26/2002 - v.2.0.0 build 67

- 1. Fixed problem with authoring DVD images.**

08/28/2002 - v.2.0.0 build 68

- 1. Fixed problem with launching "Print-only" jobs from the client application.**
- 2. Fixed problem with loading MFASPI.DLL library in Windows XP.**

09/16/2002 - v.2.0.0 build 69

- 1. Fixed problem with the TS CD-7 loader (the "Command out of sequence" error).**

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09/27/2002 - v.2.0.0 build 70

1. Fixed problem with interface card recognition (this caused the application to crash right on

start).

2. Fixed problem with simultaneous verifying and printing any color or large b/w PRNs.

3. Updated firmware for Sanyo CRD-BP5 drive ("mh36").

4. Fixed problem with archiving some DVD_Rs made by Easy CD-Creator.

09/30/2002 - v.2.0.0 build 71

1. Fixed problem with immediate crashing of application (caused by a bug introduced in build 70).

09/30/2002 - v.2.0.0 build 72

1. Fixed problem with hangup at start of the application (Vantage version only, with the interface

card).

09/30/2002 - v.2.0.0 build 73

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1. Another attempt to fix problem with hangup at start of the application.

10/16/2002 - v.2.0.0 build 74

1. New splash screen (Scribe EC).

10/17/2002 - v.2.0.0 build 75

**1. Enabled printer calibration feature for TS loaders.
2. Fixed problem with showing "Optical alignment" option for loaders other than Amtren's**

System2000

10/22/2002 - v.2.0.0 build 76

1. Fixed problem with relay-mode duplication (occasional hangups while doing master-blank-master-blank... sequences).

11/04/2002 - v.2.0.0 build 77

1. Fixed problem with printing color labels from large .PRN files

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on Spectrum-2 printers.

- 2. Improved error handling procedure for Spectrum-2 printers.**
- 3. Updated Scribe EC splash screen.**

11/21/2002 - v.2.0.0 build 78

- 1. Fixed problem with proper handling .CAB files.**
- 2. Added support for AIFF format of audio files.**
- 3. Updated initialization dialog (three progress bars replaced by one).**
- 4. Fixed problem with too long initialization in situation where the application was configured to**

work with a printer, but the printer is not present.

12/11/2002 - v.2.0.0 build 79

- 1. Improved handling of various Label sizes on Primera inkjet printers.**

01/03/2003 - v.2.0.0 build 80

- 1. Added support of Pioneer A05 DVD drive.**

01/14/2003 - v.2.0.0 build 81

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- 1. Added support of new DKI cards (IDE interface).**

01/22/2003 - v.2.0.0 build 82

- 1. Added job logging.**

01/27/2003 - v.2.0.0 build 83

- 1. Added support of Plextor PX4824 drive.**

01/29/2003 - v.2.0.0 build 84

- 1. Fixed problem with reliability of loading discs by the Amtren 2000 loaders.**

02/03/2003 - v.2.0.0 build 85

- 1. Fixed problem with browsing files in the Data Image editor and the Audio Image editor under**

Windows 98 and NT (a bug introduced in build 78).

02/04/2003 - v.2.0.0 build 86

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1. Fixed problem with searching serial port connected to the loader (if different than the one

saved in the registry). This bug was causing the Scribe to malfunction when running on PC with

only one COM port (COM1) and could be the reason of not detecting the loader connected to port

COM3 or higher.

2. Fixed problem with correct handling MP3 files starting with sequence of meaningless 0x00

bytes.

3. Fixed problem with simultaneous converting more than one instance of the same MP3 file (e.g.

converting by two different jobs).

4. Fixed memory leak related to converting ISC scripts to audio Images.

02/24/2003 - v.2.0.0 build 87

1. Added support of the QuadraPRO loaders (interface card required).

02/25/2003 - v.2.0.0 build 88

1. Fixed problem with recognizing the version string of the QuadraPRO loaders.

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02/27/2003 - v.2.0.0 build 89

- 1. Another attempt to fix problem with recognizing the version string of the QuadraPRO loaders.**
- 2. Fixed problem with enabling the Burnproof feature on the Plextor drives.**

02/27/2003 - v.2.0.0 build 90

- 1. Another attempt to fix problem with recognizing the version string of the QuadraPRO loaders.**
- 2. Fixed problem with recording discs in the CDRom-XA format on Pioneer A04 drives.**

02/28/2003 - v.2.0.0 build 91

- 1. The support of the Pioneer A04 drive has been accidentally disabled. Now this bug is fixed.**

02/28/2003 - v.2.0.0 build 92

- 1. Updated firmware for Sanyo CRD-BP1700 drive ("mh00").**

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03/03/2003 - v.2.0.0 build 93

- 1. Fixed problem with verification discs in the CDRom-XA format on Pioneer drives.**
- 2. Fixed problem with handling the "Input spindle empty" error on QuadraPRO loaders.**

03/07/2003 - v.2.0.0 build 94

- 1. Improved handling of drive's tray movement on the Pioneer DVD drives.**
- 2. Fixed problem with disabling the AutoRun feature on Windows XP.**

03/13/2003 - v.2.0.0 build 95

- 1. Fixed problem with using CD Image files stored on LAN resources. >From now on, such files**

will be copied temporarily to the local HD before writing and/or verifying discs.

04/08/2003 - v.2.0.0 build 96

- 1. The company name "MF Optical" changed to "MF, Inc."**

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05/02/2003 - v.2.0.0 build 97

1. Fixed problem with hangups when "Print First" option was selected in Copy/Verify jobs using

TS loaders.

2. Improved printing performance on Rimage (Spectrum 1) printers.

3. Fixed problem with bad first CD copy on Pioneer A05 drives.

4. Fixed memory leak related to copying discs with copy protection option turned on.

5. Fixed problem with copy protection on Plextor PX4824 drive.

05/07/2003 - v.2.0.0 build 98

1. Fixed problem with immediate crashing of application (caused by a bug introduced in build 70

yes SEVENTY).

06/12/2003 - v.2.0.0 build 99

1. Fixed problem with printing labels covering small area of the disc (e.g. only the "upper" half)

using the Spectrum-2 printers.

06/27/2003 - v.2.0.0 build 100

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- 1. Updated firmware on Plextor PX-W4824A ("2z04").**

07/07/2003 - v.2.0.0 build 101

- 1. Fixed problem with upgrading firmware on Plextor PX-W4824A.**

07/07/2003 - v.2.0.0 build 102

- 1. Another attempt to fix the problem with upgrading firmware on Plextor PX-W4824A.**

07/23/2003 - v.2.0.0 build 103

- 1. Fixed problem with creating UDF images of DVD video files containing some specific types of**

tables. This might cause a miscalculation of the image size.

- 2. Updated firmware for Plextor PX-W4824A drive ("2.05").**
- 3. Added support of Pioneer A06 DVD drive.**

08/06/2003 - v.2.0.0 build 104

- 1. Added Prism Plus to the list of supported printers.**
- 2. Added automatic firmware (macros file) update for TS loaders.**
- 3. Fixed problem with excluding the CDR and DVDR drives**

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connected thru the IDE Bus (not being
components of Scribe systems).

08/20/2003 - v.2.0.0 build 105

- 1. Added support of Plextor PX-W5224A drive.**

09/23/2003 - v.2.0.0 build 106

- 1. Added support of DVD+R format on Pioneer A06 DVD drive.**

09/29/2003 - v.2.0.0 build 107

- 1. Fixed problem with momentary opening Primera printer's tray upon "close tray" command.**
- 2. Added ScribeClient application as the part of the installation package.**

09/30/2003 - v.2.0.0 build 108

- 1. Fixed problem related to opening printers' tray (a bug introduced in build 107).**

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11/13/2003 - v.2.0.0 build 109

- 1. Added support of MF Digital OptiPrinter.**

12/11/2003 - v.2.0.0 build 110

- 1. Fixed problem with rejecting first copy on Plextor PX-W5224A drives.**
- 2. Updated firmware for Plextor PX-W5224A drive ("1.05").**
- 3. Fixed problem with transferring files larger than the 2GB between the application and the**

ScribeClient program.

- 4. The company name "MF, Inc." changed to "MF Digital".**

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Starting from build 111, the Scribe and Scribe-client software will be released with ONE build

number. Any updates of ANY of the software will cause releasing BOTH with new build number.

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12/29/2003 - v.2.0.0 build 111

Scribe: no changes.

Scribe-client:

1. Fixed problem with freezing the application when one tries to log in with empty string as the

User Id.

2. "Cancel" button added to the "select hosts" dialog window.

01/17/2004 - v.2.0.0 build 112

Scribe:

1. Added the ink level checking procedure on the OptiPrinter (using mechware commands).

2. Changed waiting times in the printing procedure on the Primera Signature IV and Primera

Signature Pro printers.

Scribe-client: no changes.

01/22/2004 - v.2.0.0 build 113

Scribe:

1. Improved ink level checking on the OptiPrinter. Started using

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printer's Device_ID instead of

mechware commands to get the information about the ink.

- 2. Updated firmware on Plextor PX-W5224A ("1.03").**

Scribe-client: no changes.

01/30/2004 - v.2.0.0 build 114

Scribe:

1. Modified Ink level checking procedure. The Scribe application will ignore erratic responses from

the OptiPrinter, assuming the ink level is ok in such situations.

2. Modified the loader's macro commands (picking discs from the OptiPrinter's tray and from

input bins).

Scribe-client: no changes.

02/09/2004 - v.2.0.0 build 115

Scribe:

1. Improved updating loader firmware procedure.

2. Fixed problem with CD speed on Pioneer A06 DVD drive.

Scribe-client: no changes.

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02/17/2004 - v.2.0.0 build 116

Scribe:

1. Fixed problem with searching loader on communication ports different than the one saved in

the registry (a bug introduced in build 115).

2. Fixed problem with displaying generic (no description) error when working with the OptiPrinter.

3. Fixed problem with handling files of size above 1 GB in UDF-type images.

Scribe-client:

1. Fixed problem with handling files of size above 1 GB in UDF-type images (the same thing as in

the Scribe application).

02/20/2004 - v.2.0.0 build 117

Scribe:

1. Added Job saving/loading feature.

2. Added ink level indicators for the OptiPrinter.

3. Fixed problem with handling false reports about ink levels from OptirPrinters.

Scribe-client: no changes

History_scribe.txt

03/03/2004 - v.2.0.0 build 118

Scribe:

1. Fixed problem with controlling the loader in "Print only" and "copy+print" jobs (a bug

introduced in build 116).

2. Fixed a few small bugs related to printing (using command 'P' for printing same PRN file on

Spectrum2 printer; waiting for response from Spectrum2 printer; the way of aborting the

'Copy+Print' jobs).

Scribe-client: no changes

03/12/2004 - v.2.0.0 build 119

Scribe:

1. Added support of Pioneer A07 DVD drive.

2. Fixed problem with checking the printer status during "no-print" jobs.

Scribe-client: no changes

03/29/2004 - v.2.0.0 build 120

Scribe:

1. Modified the loader's macro commands (RB's improvements in

History_scribe.txt

picking discs from input

spindle, drive's or printer's tray).

Scribe-client: no changes

04/14/2004 - v.2.0.0 build 121

Scribe:

- 1. Fixed problem with adding contents of net-mapped drives as an entire entity (*.*).**
- 2. Adapted for some Scribe-client modifications listed below.**
- 3. Fixed problem with selecting the image file name for archiving (typing in an improper file name**

caused a "Partition error").

Scribe-client:

- 1. Fixed problem with unnecessary and time-consuming retransmission of the images being**

available on the host.

04/20/2004 - v.2.0.0 build 122

Scribe:

- 1. Fixed problem with handling unexpected loader resets.**

Scribe-client: no changes

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05/04/2004 - v.2.0.0 build 123

Scribe:

1. Fixed problem with CREATING unexpected loader resets. The last Loader Macro update was

causing it.

2. Added frame-accurate audio duplication feature on Pioneer A07 DVD drive.

Scribe-client: no changes

05/06/2004 - v.2.0.0 build 124

Scribe:

1. Back to the latest Macro update. After heavy testing, including running some jobs on

customer's site it was proven something else causes the loader's instabilities.

2. Improved handling of the loader's and printer's errors.

3. Fixed problem with inconsistent opening/closing printer's tray.

4. Modified serial communication with Rimage Prism printers.

The serial port was being open and

closed each time a command was sent to the printer. Now it is being open once upon start of the

Scribe application, and closed upon its end.

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Scribe-client: no changes

05/24/2004 - v.2.0.0 build 125

Scribe:

- 1. Improved handling of errors caused by Rimage Prism printer.**

Scribe-client: no changes

06/03/2004 - v.2.0.0 build 126

Scribe:

- 1. Added support of new Elliptic Systems loader controller board (changes only in ScrLdr.dll).**
- 2. Another attempt to deal with unexpected loader resets.**

Scribe-client: no changes

06/04/2004 - v.2.0.0 build 127

Scribe:

- 1. Updated firmware of Elliptic Systems loader controller board (v3.03) - rotary stepper motor**

pulse widths adjusted to higher tension of the timing belt.

- 2. Improved handling of opening drive's tray - added one retry.**

Scribe-client: no changes

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06/08/2004 - v.2.0.0 build 128

Scribe:

1. Updated firmware of Elliptic Systems loader controller board (v3.04) - recent input hopper

stored in nonvolatile memory

Scribe-client: no changes

06/16/2004 - v.2.0.0 build 129

Scribe:

1. Fixed problem with uncertainty between CD and DVD file systems (ISO 9660, Joliet and UDF

1.02).

Scribe-client: no changes

06/17/2004 - v.2.0.0 build 130

Scribe:

1. Updated firmware of Elliptic Systems loader controller board (v3.05) - added ~1.5 sec delay

before deciding whether the output hopper is empty.

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2. Added delay (~3 sec) before second retry when attempting to open a drive's tray.

Scribe-client: no changes

07/07/2004 - v.2.0.0 build 131

Scribe:

1. Added two retries when picking a disc off the printer's tray.

Scribe-client: no changes

08/06/2004 - v.2.0.0 build 132

Scribe:

1. Fixed problem with creating a DVD image without the VIDEO_TS.VOB file.

2. Fixed problem with excessive rejects when using the Rimage Prism Plus printer.

Scribe-client: no changes

09/17/2004 - v.2.0.0 build 133

Scribe:

1. Added support of new MF Digital OptiEC Pro6 printer.

2. Added support of Pioneer A08 DVD drive.

3. Increased maximum disc capacity to support dual-layer DVD

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discs.

4. Creating and editing bootable UDF images made possible.

Scribe-client:

1. Increased maximum discs capacity to support dual-layer DVD discs.
2. Creating and editing bootable UDF images made possible.

10/13/2004 - v.2.0.0 build 134

Scribe:

1. Bootable DVD Image made compatible with the one created by Nero software.
2. Fixed problem with proper handling files with 'H' (hidden) attribute.
3. Fixed problem with occasional hang-ups while printing on the Rimage Prism Plus (this problem

was much more severe on CdDirector).

Scribe-client:

1. Bootable DVD Image made compatible with the one created by Nero software.
2. Fixed problem with proper handling files with 'H' (hidden) attribute.

10/20/2004 - v.2.0.0 build 135

Scribe:

1. Fixed problem with synchronization in Relay-mode jobs. Due to

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a this bug it was possible to

open more than one drives tray at the same time.

Scribe-client: no changes

11/18/2004 - v.2.0.0 build 136

Scribe:

1. Updated procedures responsible for writing DVD-R 8x(async).

Scribe-client: no changes

11/24/2004 - v.2.0.0 build 137

Scribe:

1. Fixed problem with occasional unexpected resets of Initio 1384B/IDE bridge adapters with

Pioneer 108 DVD writers.

2. Shortened the time period between loading/unloading discs to drives.

Scribe-client: no changes

12/16/2004 - v.2.0.0 build 138

Scribe:

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- 1. Fixed problem with the ugly "C++ runtime error 6025".**
- 2. Fixed problem with hangups during DVD verification.**
- 3. Added support of Plextor 52x Premium CDR drive.**

Scribe-client: no changes

02/01/2005 - v.2.0.0 build 139

Scribe:

- 1. Fixed problem with OptiEC-Pro printer initialization.**
- 2. Updated firmware of Elliptic Systems loader controller board (v3.13)**

Scribe-client: no changes

03/16/2005 - v 2.0.0 build 140

Scribe:

- 1. Updated loader firmware - fixed problem with picking discs from input hoppers**

Scribe-client: no changes

03/16/2005 - v. 2.0.0 build 141

Scribe:

- 1. Added support of Plextor PX-716 DVD drive.**
- 2. Added support of Pioneer 109 DVD drive.**

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Scribe-client: no changes

04/04/2005 - v. 2.0.0 build 142

Scribe:

1. Fixed some minor bugs related to recently added drives (Plextor PX-716 DVD and Pioneer 109

DVD).

2. Added support of NEC ND3520 DVD drive.

Scribe-client: no changes

04/14/2005 - v. 2.0.0 build 143

Scribe:

1. Fixed problem with recording CDs on Pioneer 109 drives.

Scribe-client: no changes

04/29/2005 - v. 2.0.0 build 144 (for MT only)

Scribe:

1. Added support of the MT loader.

2. The type and connection of the loader and the printer are recognized automatically.

3. Improved error handling in all loader operations.

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4. User can now select the location of the Jobs log.

Scribe-client: no changes

05/09/2005 - v. 2.0.0 build 145 (for MTs only)

Scribe:

1. Added support of the older MT loader (9600 baud).

Scribe-client: no changes

05/11/2005 - v. 2.0.0 build 146 (for MT

Scribe:

1. Fixed bug related to initialization of Primera Z6 printer on the MT loader

Scribe-client: no changes

05/12/2005 - v. 2.0.0 build 147 (for MT only)

Scribe:

1. The '#' command was never supported by MT 9600Bd loader. The printer recognition

procedure will be omitted then.

Scribe-client: no changes

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05/20/2005 - v. 2.0.0 build 148

Scribe:

- 1. Added support of the Baxter loader.**
- 2. New 'Premium utilities' tab added.**
- 3. New 'Muli-discs archive' job type added.**

Scribe-client: no changes

05/25/2005 - v. 2.0.0 build 149 (for MT only)

Scribe:

1. The support for the Rimage Prism printer was never a feature on the MT 9600Bd loader. The

printer will be accessed 'claccic' way (thru the PC's COMx port).

- 2. Fixed bug related to closing the Rimage Prism printer's tray.**
- 3. Disabled the 'Premium utilities' tab and the 'Multi-discs archive' job type (made invisible).**

Scribe-client: no changes

05/26/2005 - v. 2.0.0 build 150 (for Baxter Demo only)

Scribe:

1. Re-enabled the 'Premium utilities' tab and the 'Multi-discs archive' job type.

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Scribe-client: no changes

05/31/2005 - v. 2.0.0 build 151 (for MT only)

Scribe:

- 1. Added postgap (150 sectors of 0x00 bytes) at the end of the data image.**
- 2. Fixed bug related to the malfunction of Rimage Prism printer connected thru the MT 38400Bd**

loader.

- 3. Disabled the 'Premium utilities' tab and the 'Multi-discs archive' job type (made invisible).**

Scribe-client:

- 1. Added postgap (150 sectors of 0x00 bytes) at the end of the data image.**

06/01/2005 - v. 2.0.0 build 152

Scribe:

- 1. Changed handling of writing speed; now the user has two independent selection boxes for CD**

and DVD writing speed.

- 2. Removed disc alignment feature (that was kept due to backward compatibility with older**

loaders).

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Scribe-client:

1. Changed handling of writing speed; now the user has two independent selection boxes for CD

and DVD writing speed.

06/09/2005 - v. 2.0.0 build 153

Scribe:

1. Fixed bug related to showing the ink level for the OptiEC and OptiEC Pro6 printers.

2. Added support of MF Digital PicoJet 6000 printer.

3. Fixed problem with recording CDs on Pioneer 109 drives - another attempt.

Scribe-client: no changes

06/16/2005 - v. 2.0.0 build 154

Scribe:

1. Added feature that allows the user to have two separate input hoppers dedicated for DVD and

CD discs ("SpindleSelect").

2. Added feature that makes possible to recover the Baxter from a situation when the loader's

arm went all the way down (without the Input hopper installed).

3. Preselected "Copy" option in the Job Editor wizard dialog.

History_scribe.txt

Scribe-client: no changes

06/24/2005 - v. 4.0.0 build 155

Scribe:

- 1. Added support of XP Series loader.**
- 2. Enabled IDE bus drives for XP Series loader (with built-in motherboards).**

Scribe-client:

- 1. Added support of XP Series loader.**

06/28/2005 - v. 4.0.0 build 156

Scribe:

- 1. Fixed problem with localization of some DLLs needed to run the Premium Utilities.**
- 2. Fixed problem with reporting status of the finished Multi-archive jobs.**
- 3. Added set of commands for the "moved-back" printers ('O', 'U', 'N' and 'W') for XP-Series**

loader.

Scribe-client: no changes

06/30/2005 - v. 4.0.0 build 157

History_scribe.txt

Scribe:

- 1. Fixed some minor problems with XP-Series loader (new firmware v. 4.02 released).**
- 2. Disabled all features related to printing when detected loader type is Baxter.**

Scribe-client: no changes

07/11/2005 - v. 4.0.0 build 158

Scribe:

- 1. Set default paths for Premium Utilities.**

Scribe-client: no changes

07/25/2005 - v. 4.0.0 build 161

Scribe:

- 1. Fixed problem with proper closing Premium utilities.**
- 2. Changed order of printers in selection dropbox.**

Scribe-client: no changes

07/28/2005 - v. 4.0.0 build 162

Scribe:

- 1. Fixed problem with placing disc on "moved-back" printers when "Print first" option is chosen.**

History_scribe.txt

- 2. Fixed problem with showing real ink level on PicoJet printer.**
- 3. Fixed problem with displaying error messages as topmost window while one of Premium Utility**

is running.

Scribe-client: no changes

08/15/2005 - v. 4.0.0 build 163

Scribe:

- 1. Fixed problem with improper handling any Baxter loader error by the Riptasic! software.**
- 2. Fixed problem with archiving some audio masters by Baxter (USB bus).**

Scribe-client: no changes

08/18/2005 - v. 4.0.0 build 164

Scribe:

- 1. Fixed problem with opening the tray after printing on the Rimage Prism printer.**
- 2. Added support of printing .pdf files as disc labels on PicoJet printers.**

Scribe-client: no changes

History_scribe.txt

08/22/2005 - v. 4.0.0 build 165

Scribe:

- 1. Fixed problem with initializing Primera Z6 on Scribe Plus.**

Scribe-client: no changes

08/29/2005 - v. 4.0.0 build 166

Scribe:

- 1. Fixed problem with Scribe application seeing CD/DVD drives other than designated to work**

with.

- 2. Added support of Premium Utilities on any type of loader.**

Scribe-client: no changes

09/02/2005 - v. 4.0.0 build 167

Scribe:

- 1. Fixed problem with getting fatal error on clicking on one of "shared folders" in Data Editor and**

AudioEditor.

- 2. Fixed problem with reading incorrect ink levels from PicoJet printers.**

- 3. Added feature allowing using UDF images with .ISO extensions.**

- 4. Added support of Pioneer 110 DVD drive.**

History_scribe.txt

- 5. Copy protection no longer supported.**
- 6. Default writing speed for the CD set at MAX.**

Scribe-client:

- 1. Fixed problem with getting fatal error on clicking on one of "shared folders" in Data Editor and**

AudioEditor.

09/12/2005 - v. 4.0.0 build 168

Scribe:

- 1. Improved performance of the XP series loader (modified LCB firmware).**
- 2. Fixed problem with recognizing Pioneer 110 DVD drive by the Riptastic and the Backup**

Platinum software.

- 3. Fixed problem with with 12x writing speed on Pioneer 110 DVD drives.**
- 4. Removed all references to "optical alignment" parameter in the job log file.**

Scribe-client: no changes

09/15/2005 - v. 4.0.0 build 169

Scribe:

- 1. Fixed problem with Scribe application seeing CD/DVD drives on different types of busses (IDE &**

History_scribe.txt

FireWire).

Scribe-client: no changes

09/21/2005 - v. 4.0.0 build 170

Scribe:

- 1. Fixed problem with verifying audio disc on Pioneer 109 drives.**
- 2. New firmware for the XP series loader (v.4.14).**

Scribe-client: no changes

09/26/2005 - v. 4.0.0 build 171

Scribe:

- 1. Fixed problem with the "current directory" when running the Premium Utilities.**
- 2. Added support of Plextor CD drives when using the Premium Utilities.**
- 3. Added automatic switch between JOLIET and UDF1.02 as a default format when selecting**

different media type (CD vs. DVD).

- 4. New firmware for the XP series loader (v.4.16).**

Scribe-client

- 1. Added automatic switch between JOLIET and UDF1.02 as a default format when selecting**

History_scribe.txt

different media type (CD vs. DVD).

09/27/2005 - v. 4.0.0 build 172

Scribe:

1. Changed configuration limitations: DiscWrite2 - max 6 drives without a printer or 4 drives with a

printer

2. New firmware for the XP series loader (v.4.18) - fixed bugs related to accepting discs to input

bin #2 instead of #3.

Scribe-client: no changes

10/06/2005 - v. 4.0.0 build 173

Scribe:

1. Added ability to enable/disable Data Image Editor, Audio Image Editor and Premium Utilities

tabs.

2. New firmware for the XP series loader (v.4.22) - improved vertical movement and fixed bugs

related to consecutive rejects.

Scribe-client:

1. Added Job saving/loading feature.

History_scribe.txt

10/06/2005 - v. 4.0.0 build 174

Scribe:

1. Fixed problem with starting new jobs after disabling/enabling Advanced Authoring Tools

windows.

Scribe-client: no changes

10/11/2005 - v. 4.0.0 build 175

Scribe:

**1. Fixed problem with using Relay mode with printing.
2. Fixed problem with cross-compatibility of SCJ files (saved jobs) created by Scribe and**

Scribe-client.

Scribe-client: no changes

10/13/2005 - v. 4.0.0 build 176

Scribe:

1. New firmware for the XP series loader (v.4.24) - added a retry when picking a disc from an input

History_scribe.txt

hopper fails.

Scribe-client: no changes

10/17/2005 - v. 4.0.0 build 177

Scribe:

1. Fixed problem with using CD/DVD Image files stored on mapped network drives.

Scribe-client:

1. Added feature allowing using the Scribe-client application as an authoring tool.

10/17/2005 - v. 4.0.0 build 178

Scribe:

**1. Fixed problem with comparing DVD-R discs.
2. New firmware for the XP series loader (v.4.26) - added a retry when picking a disc from drive's**

or printer's tray fails.

Scribe-client: no changes

10/26/2005 - v. 4.0.0 build 179

Scribe:

History_scribe.txt

1. Fixed problem with resetting the input hopper on recovering from the "hopper empty" situation

on MT loaders.

2. New firmware for the XP series loader (v.4.28) - fixed problem with rotating in wrong direction

when the Rot sensor status was misinterpreted.

Scribe client: no changes

11/01/2005 - v. 4.0.0 build 180

Scribe:

1. The folder for temporary PRN files changed to the Application TEMP folder.

2. New firmware for the XP series loader (v.4.30) - added calibration + retry when disc picking

attempt fails because of arm sensor (the picker hits the surface of the disc instead going into the

center hole).

3. Added MT to the list of users of the Baxter loader.

Scribe-client: no changes

11/03/2005 - v. 4.0.0 build 181

Scribe:

History_scribe.txt

- 1. Fixed problem with comparing DVD-R discs to image stored as UDF file.**

Scribe-client: no changes

11/10/2005 - v. 4.0.0 build 182

Scribe:

- 1. New firmware for the XP series loader (v.4.32) - fixed problem with big arm overrotating while**

rejecting a disc.

Scribe-client: no changes

11/17/2005 - v. 4.0.0 build 183

Scribe:

- 1. Added support of CP MM loader**
- 2. Added support of NEC ND-3550A DVDR drive**
- 2. Default writing speed for DVD set at 8X.**
- 3. Information about the "spindle selection" included in the Job Status, Job Log and Job Type.**

Scribe-client:

- 1. Default writing speed for DVD set at 8X.**

11/21/2005 - v. 4.0.0 build 184

History_scribe.txt

Scribe:

1. New firmware for the XP series loader (v.4.34) - fixed problem with occasional misinterpreting

"hopper empty" situation.

Scribe-client: no changes

12/06/2005 - v. 4.0.0 build 185

Scribe:

1. Fixed problem with showing inaccurate ink level on PicoJet printers.

Scribe-client: no changes

12/14/2005 - v. 4.0.0 build 186

Scribe:

1. Fixed problem with occasional timeout errors on PicoJet printers.

Scribe-client: no changes

12/16/2005 - v. 4.0.0 build 187

Scribe:

History_scribe.txt

1. Changed method of getting ink level information form PicoJet printer - only when the tray is

open.

Scribe-client: no changes

12/28/2005 - v. 4.0.0 build 188

Scribe:

- 1. Added support of DDP image format.**
- 2. Added support of Riptastic software for Disc Forge.**

Scribe=client:

- 1. Added support of DDP image format.**

01/12/2006 - v. 4.0.0 build 189

Scribe:

1. Fixed problem with recognizing Opti EC Pro printer on XP loader.

Scribe-client: no changes

01/13/2006 - v. 4.0.0 build 190

Scribe:

1. Fixed problem with recording data in ROM Pause area on

History_scribe.txt

CDRs.

Scribe-client: no changes

01/18/2006 - v. 4.0.0 build 191

Scribe:

- 1. Fixed problem with very slow duplication on systems with more than 4 drives.**
- 2. Fixed problem with proper displaying .ZIP files in Data Editor on Windows XP.**

Scribe-client:

- 1. Fixed problem with proper displaying .ZIP files in Data Editor on Windows XP.**

02/01/2006 - v. 4.0.0 build 192

Scribe: no changes

Scribe-client:

- 1. Fixed problem with selecting .pdf files for printing.**

02/21/2006 - v. 4.0.0 build 193

Scribe:

- 1. Fixed problem with volume label in Images created in the Data**

History_scribe.txt

Editor.

2. New firmware for the XP series loader (v.4.36) - added "Shake disc" feature.

Scribe-client: no changes

03/30/2006 - v. 4.0.0 build 194

Scribe:

1. Added support of Pioneer 111 DVD drive.
2. Shortened the delay after printing each disc on PicoJet printer.
3. Fixed problem with proper logging multi-archive jobs finished without errors.

Scribe-client:

1. Rebuilt procedures handling the Jobs and Scribe Servers; the Jobs can now be created and saved without a reference to any specific Server.

04/28/2006 - v. 4.0.0 build 195

Scribe:

1. Fixed problem with Pioneer 111 drive initialization.
2. Fixed problem with recording CDs with speed other than "max".

Scribe-client: no changes

History_scribe.txt

05/08/2006 - v. 4.0.0 build 196

Scribe:

1. Fixed problems with some special cases of the DDP format.

Scribe-client:

1. Fixed problem with launching Copy/Verify jobs having the DVD recording speed set below 8x.

05/17/2006 - v. 4.0.0 build 197

Scribe: no changes

Scribe-client:

1. Added support of command line arguments: /UID and /SID, allowing to start the Client with predefined User Id and a list of Server names.

05/23/2006 - v. 4.0.0 build 198

Scribe:

1. Added support of printing .pdf files on Rimage Prism printers (the Rimage Prism printer driver must be installed).

Scribe-client:

1. Added support of printing .pdf files on Rimage Prism printers.

History_scribe.txt

06/06/2006 - v. 4.0.0 build 199

Scribe:

1. Fixed problem with verifying audio discs on NEC ND-3550A DVDR drives.

Scribe-client: no changes

06/16/2006 - v. 4.0.0 build 200

Scribe:

1. Fixed problem with creating UDF images containing 4GB or bigger files.

Scribe-client:

1. Fixed problem with creating UDF images containing 4GB or bigger files.

07/10/2006 - v. 4.0.0 build 201

Scribe:

1. Fixed problem with recognizing the Pioneer DVR-111D drive by the Premium Utilities (modified

MfdLdr.dll - v. 1.4.6).

Scribe-client: no changes

History_scribe.txt

07/12/2006 - v. 4.0.0 build 202

Scribe:

- 1. Added Quick Erase feature for Pioneer DVD-RW drives.**

Scribe-client: no changes

08/21/2006 - v. 4.0.0 build 203

Scribe:

- 1. Added option for ignoring low ink level while printing on PicoJet printer.**

Scribe-client:

- 1. Added option for ignoring low ink level while printing on PicoJet printer.**

08/28/2006 - v. 4.0.0 build 204

Scribe:

- 1. Fixed problem with writing lead-out using new Baxter drive controller.**
- 2. Fixed problem with recording DVD+R discs on NEC drives.**
- 3. Fixed problem with Quick Erase feature for certain system configurations.**

History_scribe.txt

Scribe-client: no changes.

08/29/2006 - v. 4.0.0 build 205

Scribe:

1. Fixed problem with unexpected rebooting while writing lead-out using Acard drive controller.

Scribe-client: no changes.

09/08/2006 - v. 4.0.0 build 206

Scribe:

1. Added support of new Yurex loader controller board (v.5.02).

Scribe-client: no changes.

09/13/2006 - v. 4.0.0 build 207

Scribe:

1. Fixed problem with keeping parameters in SRAM (Yurex LCB014-2 v.5.04).

Scribe-client: no changes.

09/15/2006 - v. 4.0.0 build 208

History_scribe.txt

Scribe:

- 1. Fixed problem with inconsistency of upgrading the LCB firmware (ScrLdr.dll v.5.0.1).**

Scribe-client: no changes.

10/13/2006 - v. 4.0.0 build 209

Scribe:

- 1. Added support of new 2-column loader**
- 2. Added feature - saving the Job Log in CSV format in separate file.**
- 3. Added support of printing .std files (with merge files) on PicoJet 6000 printers.**

Scribe-client:

- 1. Modifications made reflecting all the new features of Scribe.**

10/20/2006 - v.4.0.0 build 210

Scribe:

- 1. Added header in the CSV-formatted Job Log file.**
- 2. Fixed problem with the new 2-column loader - inserting discs to the wrong drives.**
- 3. New firmware for the Yurex LCB014-2 (v.5.10) - accept drop point lowered by approx. 1".**

Scribe-client: no changes.

History_scribe.txt

10/24/2006 - v.4.0.0 build 211

Scribe:

1. Fixed problem with enabling "Spindle select" option on the new 2-column loader.

Scribe-client: no changes.

10/30/2006 - v.4.0.0 build 212

Scribe:

1. New firmware for the Yurex LCB014-2 (v.5.12) - accept drop point lowered by approx. 0.5",

output drop point raised by approx. 0.1".

Scribe-client: no changes.

11/07/2006 - v.4.0.0 build 213

Scribe:

1. New firmware for the Yurex LCB014-2 (v.5.14) - "shake disc" feature fixed, PicoJet's trays'

picking point lowered by approx. 0.05", 9600 loader 2nd input hopper moved CCW by approx.

0.04".

History_scribe.txt

Scribe-client:

- 1. Added support of printing .std files WITHOUT merge files.**

12/11/2006 - v.4.0.0 build 214

Scribe:

- 1. Fixed problem with recognizing 9600 Series loader by Premium Utilities applications.**
- 2. Fixed problem with locking up Scribe application working with Baxter.**
- 3. New firmware for the Yurex LCB014-2 (v.5.16) - output drop point raised by 0.1", modified**

braking routine for rotational movement.

Scribe-client: no changes.

01/19/2007 - v.4.0.0 build 215

Scribe:

- 1. Added support of Teac P-55 printer**
- 2. New firmware for the Yurex LCB014-2 (v.5.18) - accept drop point lowered by approx. 0.25",**

decreased resonating effects of accelerating in rotary motion, fixed problem with opening and

closing Picojet's drawer.

History_scribe.txt

Scribe-client: no changes.

01/22/2007 - v.4.0.0 build 216

Scribe:

1. Fixed problem with PicoJet initialization on the 9600 Series loaders.

Scribe-client: no changes.

01/22/2007 - v.4.0.0 build 217

Scribe:

1. Added support of printing .pdf files and .std files (with merge files) on Teac P-55 printers.

Scribe-client: no changes.

01/30/2007 - v.4.0.0 build 218

Scribe:

1. Fixed problem with occasional Picojet's tray opening/closing error.

2. Reordered label file types in certain dialog boxes related to printing.

Scribe-client:

History_scribe.txt

- 1. Reordered label file types in certain dialog boxes related to printing.**

02/06/2007 - v.4.0.0 build 219

Scribe:

- 1. Changed handling of the lead-out errors on DVDs.**
- 2. Fixed problem with handling errors related to closing/opening printer's tray, and misplaced**

discs on the tray.

Scribe-client: no changes.

02/13/2007 - v.4.0.0 build 220

Scribe:

- 1. Added support of Pioneer 112 DVD drive.**

Scribe-client: no changes.

05/07/2007 - v.4.0.0 build 221

Scribe:

- 1. Added support of Blu-Ray 25GB discs.**
- 2. Added support of Pioneer BDR-101 Blu-Ray drive.**
- 3. New firmware for the Yurex LCB014-2 (v.5.22) - modified (shortened) "shake disc" feature, fixed**

History_scribe.txt

problem with unexpected "output hopper full" error.

Scribe-client:

- 1. Added support of Blu-Ray 25GB discs.**

07/19/2007 - v.4.0.0 build 222

Scribe:

- 1. New firmware for the Yurex LCB014-2 (v.5.26) - increased depth of picking from drives' and**

priner's tray.

- 2. New splash screen.**

Scribe-client:

- 1. New splash screen.**

09/23/2007 - v.4.0.0 build 223

Scribe:

- 1. New firmware for the Yurex LCB014-2 (v.5.28) - modified VM & RM parameters to achieve**

smoother movement, readjusted depth of picking from drives' and priner's tray.

- 2. Modified reading ink level procedures for PicoJet printer to decrease the time between opening**

the tray and unloading the disc.

History_scribe.txt

Scribe-client: no changes.

10/23/2007 - v.4.0.0 build 224

Scribe:

1. New firmware for the Yurex LCB014-2 (v.5.32) - simplified inserting procedure (no Calibration

aterwards), tweaked parameters for XP series loader).

Scribe-client: no changes.

11/12/2007 - v.4.0.0 build 225

Scribe:

1. New firmware for the Yurex LCB014-2 (v.5.38) - modified VM & RM parameters to be tolerate for

all kinds of supported loaders, fixed bug related to second retry picking from input hopper

2. Added support of Pioneer BDR-202 Blu-Ray drive.

3. Added support of Pioneer 212 DVD drive (SATA).

4. Speeded-up reading ink level procedures for PicoJet printer.

Scribe-client: no changes.

11/28/2007 - v.4.0.0 build 226

History_scribe.txt

Scribe:

1. Fixed problem with recording DVDs on Pioneer BDR-202 drives.
2. New firmware for the Yurex LCB014-2 (v.5.40) - modified RM parameters to make smoother

calibration movement, added second retry on picking disc error.

Scribe-client: no changes.

11/29/2007 - v.4.0.0 build 227

Scribe:

1. New firmware for the Yurex LCB014-2 (v.5.42) - added adjustment feature for placing disc on

tray.

Scribe-client: no changes.

1/3/2008 v.4.0.0 build 228

Scribe:

- 1: Allowed archiving / copying of compressed files

Scribe-Client

- 1: Allowed archiving / copying of compressed files

3/3/2006 V.4.0.0 build 229

Scribe:

1. Added support of Pioneer 115 DVD drive (SATA).
2. Added support of Pioneer 215 DVD drive (SATA).

History_scribe.txt

12/3/2008 v.4.0.0 build 230

Scribe:

- 1: Support for Pioneer 116 DVD Drive (IDE)**
- 2: Support for Pioneer 216 DVD Drive (SATA)**
- 3: Support for Teac-P55C Printer**
- 4: Upgraded Low Ink Warning**
- 5: eMail Notification of errors / warnings**
- 6: Removed deprecated features**

3/17/2009

Scribe:

- 1: Fixed Teac / Relay Speed Print issue**
- 2: Upgraded firmware to 5_56**

4/17/2009 v.4.0.0 build 231

- 1: USB support for Prism printers**
- 2: Support for Sure Thing CD Printer 5**

6/1/09 v.4.0.0 build 232

- 1: Upgrade firmware to 5_57**
- 2: Modified DVD write speed handling.**
- 3: Modified Add-Ons/Advanced Authoring Tabs**

01/03/10 v.4.0.0 build 235

- 1: Support for Pioneer 205 Drives**
- 2: Support for Sony Optiarc 7240/5240 Drives.**
- 3: Update firmware**
- 4: Fix Client Saved Jobs/UNC file name issue**

Warning: This may cause some previously saved jobs to not be readable in the client.