

To: Eclipse Support Agreement & Warranty Customers

Date: May 27, 2010

Subject: EclipseSuite 7.1 Release

Summary:

This TechFlash is to notify all support agreement & warranty customers of the final release of EclipseSuite 7.1. This version is available to all support agreement and warranty customers.

Below are the fixes and enhancements since the release of EclipseSuite 7.0.

- **Added several enhancements to handling of CD-TEXT.**
 - Previous versions could not handle more than one CD-TEXT Pack.
 - Fixed a problem where the rule 'Multiple CD-Text map stream entries found' was being displayed in the wrong analysis tab.
 - Added support for double-byte character codes.
 - Display genre name instead of numeric code.
 - Fixed problem where track titles were shifted if the album title was missing.

NOTE: A problem exists in ImageCopy when importing CD-Text data via the CD-Text Editor for an image that already includes CD-Text. The resulting CD-Text data may not be correct. This will be corrected in a later version.

- **Fixed a problem that triggered the error 'Input shorter than expected' on a CD image.**

If the PQ file specified a length for a track that was longer than the length specified in the DDPMS file, this triggered the error 'Input shorter than expected'.
- **Fixed a problem with saving of the XML log file when the log includes non-printable characters.**

The XML log character set only supports ASCII printable characters. The non-printable characters were causing the XML file to be treated as having an invalid format and would cause problems with XML parser utilities.
- **Fixed a problem that was causing ImageCopy to crash if the rule 'Track Subcode start location misaligned' was triggered.**
- **Fixed a problem that caused the last track checksum not to be generated.**

When copying a 'consolidated' DDP audio image and the output was being 'split' into its individual track files, ImageCopy failed to create a checksum for the last track. This is now corrected.
- **Fixed a problem that was triggering the rule 'Track too short'.**

Internally, the EclipseSuite tools were not using the correct values when calculating whether a track was at least the minimum length allowed by the specifications.

- **Enhanced the ImageCopy shutdown process.**

ImageCopy's internal processes were not synchronized during the shutdown process. In certain configurations, this caused the ImageCopy process to remain running even though the ImageCopy window closed.

- **Fixed a problem that caused no analysis records to be printed.**

When printing the results of a job, there were no analysis records in the Verify Analysis or Verify Analysis Summary sections.

- **Fixed a problem that caused the Plextor PX-800 series drives not to perform any retries.**

This problem resulted in higher failures especially in audio images recorded on CD-R.

- **Fixed a problem in the CPMConvertToCSS Plug-In that was rejecting recordable media and DDP on Disc sources.**

When users tried using recordable media or a DDP on Disc source, the Plug-In rejected it as an invalid source. An updated Plug-In version is included with this release.

- **Validate that the last address on layer 0 is within specification.**

Previously, this validation was only performed on a single layer image.

- **Fixed a problem where no CSS information was being saved in the XML log file.**

- **Renamed the analysis category labels in the XML log file so that they match the analysis categories of the EclipseSuite tools.**

- **Fixed a problem that caused analysis categories in the XML log file were printed multiple times.**

Switched positions of the SUNR and NSUNR columns with the CSS and CPPM columns respectively. The CSS and CPPM columns contain more important information and were being cut-off when the log file was printed.

- **Enhanced the ImageVerify completion status in the Progress tab to make it consistent with other EclipseSuite programs.**

New Rules:

Refer to the EclipseSuite help for more details on each rule.

Drive laser disabled

Job Aborted

Nested UDF partitions

Number of VTS in VMG and ISO9660 mismatch

Overlapped UDF partitions

Download Instructions:

The EclipseSuite 7.1 software is available from the following links.

<ftp://ftp.eclipsedata.com/es71/es71.exe>

For those using ImageArchive:

<ftp://ftp.eclipsedata.com/es71/es71a.exe>

Password: ECL71rEL8