EclipseSuite 7.1 Release Notes

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.

- **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'.**

- **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.**

<u>New Rules:</u>

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