

EclipseSuite 8.1 Release Notes

Below are the fixes and enhancements since the release of EclipseSuite 8.0.

Fixes & Enhancements:

1. Change "Index 1 not found" rule severity from warning to error. The specifications state that each track must have at least an index 1 point.
2. Due to a layer break requirements for DVD-Video, the ImageCopy will not allow a conversion of an ISO DVD-Video Dual-Layer image to DDP.
3. Allow ISO image files to be read from BD drives. Previously, the EclipseSuite tools did not auto-detect ISO images if they were being read via a BD drive
4. Support Plextor PX-310 and PX-320 as DVD writers.
5. Added the following new rules:
 - "DVD-ROM" – This is triggered if any file is detected outside the AUDIO_TS and VIDEO_TS folders.
 - "DVD-Video" – This is triggered if more than zero Video Title Sets are detected.The existing "DVD-Audio" is triggered if the more than zero Audio Title Sets are detected.
6. Changed the severity of the rule "Number of VTS in VMG and ISO9660 mismatch" from warning to error.
7. The rule "File comparison error" will now be triggered if the contents of any IFO and the matching BUP file are different in the VIDEO_TS and AUDIO_TS directories of a DVD image.
8. Corrected a problem that caused the Postgap scan to take longer when running in non-optimized mode.

The Postgap scan is optimized by default. However, when using a stamper reader, the Postgap behavior 'Use Optimized Scan' may need to be disabled. This problem was detected only when this behavior was disabled.
9. Corrected a problem where an un-initialized Plug-In rules skip list would cause the analysis to hang up if no skip list was created.
10. Corrected a problem in ImageCopy with the "Generate Control Data for OTP Layer 1" behavior where the generated control data for layer 1 did not match the control data for layer 0. This problem also caused the error "Bad file checksum" to be triggered if the source image did not have a checksum value for the control data file.
11. The behavior "Generate Control Data for OTP Layer 1" has been changed so that it works with CSS images.
12. Added XML character encoding tag to all XML logs generated by the EclipseSuite tools.
13. The EclipseSuite tools will no longer test for "dstring" related errors on File Identifier Descriptors and File Identifier fields because these fields should be considered of type "d-characters" instead.
14. Fixed short signature display when loading a log file. The EclipseSuite tools were trying to get the signature from the Input Location instead of the analysis section in the log.
15. Updated the Singulus MD5 checksums for individual files so that the checksums are specified by the

parameter "FileChecksum" instead of "Checksum".

16. Trigger a rule if more than 256 CD-Text packets are detected. Also, restore functionality into the CD-Text Editor to object if more than 256 packets are created. The CD-TEXT specifications do not support more than 256 CD-Text Packets.
17. If the source CDTEXT.BIN file has fewer tracks than the image, prompt user (in CD-Text editor) to see if more tracks should be added to the output CD-Text.
18. Corrected a problem that would cause the ImageDecoder to crash during digital silence check.
19. Corrected a conflict between the Debug and Fox/MGM tabs which caused the display to become blank.
20. Corrected a problem that was causing the error 'End of input encountered' if the rule 'DDPMS & DDPPQ Lead-out mismatch' was also triggered.
21. Corrected a problem in ImageCopy which was causing log files of dual output jobs to not load properly. If the ImageArchive option is used in Dual-Output mode, the log file generated could not be opened by ImageCopy.
22. Trigger an error when the DDPPQ file contains more sessions and/or more tracks than the map stream file (DDPMS).
23. Enhance the checking of the load-out start address in the DDPMS vs. DDPPQ files and report any inconsistencies.