

To: Eclipse Support Agreement & Warranty Customers

Date: February 10, 2010

Subject: EclipseSuite 2.0 BD Beta PR2

Description:

This document is to notify all EclipseSuite BD customers of the availability of **EclipseSuite BD 2.0 Beta PR2**. This BETA software has undergone limited testing and is being made available as-is. This version is intended as a final test version before the official release of Version 2.0. Your help in testing it is greatly appreciated. Please report any bugs or discrepancies to Eclipse Support as soon as possible.

The following is a list of the changes since EclipseSuite BD 2.0 Beta N. Please review them and determine if any are applicable to your needs.

- **Allow the HDMV Region code analysis to be performed in Type V images.**
Previously, the HDMV Region code analysis was performed on images Type A, B or C.
- **Re-organize the rules for identifying whether a Blu-ray image is Managed Copy ready.**

Rule	Severity
Managed Copy compliant (<i>None of the below rules will be triggered</i>)	Info
Managed Copy – Image Not compliant (<i>Any one of the below rules will trigger this rule</i>)	Error
No AACS Manage Copy Manifest file	Warning
AACS Managed Copy Manifest file error (<i>indicating a file structural problem</i>)	Warning
ISAN error (<i>indicating a missing ISAN or a structural error</i>)	Warning
BDCMF VISAN error (<i>indicating a missing ISAN or a structural error</i>)	Warning
Managed Copy Manifest file - No URI found	Warning

Additionally, the EclipseSuite tools will display an informational message in the Progress tab when checking Managed Copy compliance.

- **Added miscellaneous updates to the BDCMF schemas for versions 1.01, 1.02, 1.03 and 1.10.**
- **Fixed a problem in an internal calculation that caused the error 'Blu-ray Last User Data Address too large' to be triggered.**
- **Fixed a problem that incorrectly triggered the warning 'Elementary HDMV stream not found'.**
- **Fixed a problem that would cause the EclipseSuite tools to crash during the HDMV Region code analysis.**
- **Added miscellaneous enhancements to the Title Structure analysis.**
- **Allow transferring of BDCMF 1.10 HCI files for Type A or AX images without encryption.**

Previous versions would trigger errors when the KEY.DAT file was not found. This would occur even if the option 'Do not encrypt' was selected.

- **Fixed the Eject/Load button so that it works even when there is no media in the drive.**
- **Disabled the prompt for layer for Type V images.**

When processing Type V images, previous versions would prompt the user to specify which layer to process. Now both layers (if present) will be processed automatically.

- **Added support for multiple TBS certificate chains during the JAVA security analysis.**

In previous versions that only supported a single certificate chain this resulted in the error "Missing Link in TBS Certificate chain".

- Don't show the warning "XML Schema violation" when the CMFVersion element is set to 1.02.
- Fixed a problem that triggered the warning "XML Schema violation" when converting a SonyCMF image to BDCMF.
- When creating a BDCMF.CMF file, output 'BDI=NONE' instead of 'BDI=None' to conform to the BDCMF specifications.

Support for New BD Devices:

- LG-CHO8LS10
- Lite-On iHOS104

New/Changed Rules:

- "Blu-ray Last User Data Address too large"
This rule will check the length of layer 1 to make sure that it is not longer than layer 0.
- "Blu-ray AACs File on layer 1"
This rule is triggered if any AACs files are detected to be on layer 1.
- "Missing Movie Object"
- "BluRay Unit Usage File Error" changed to "Blu-ray Unit Usage File Error".
- "Image Constraint Token disabled" has been renamed to "Image Constraint Token enabled".
- "Decrypted analog output is prohibited" has been renamed to "Digital Only Token enabled – Analog Output prohibited".

Download Instructions:

You can download the EclipseSuite BD 2.0 Beta PR2 from the following link.

<ftp://ftp.eclipsedata.com/es20bd/esbd20pr2.zip>

Password: pR2ESbd209

Please be aware that this is not a complete installation. It is assumed that you have a working installation of EclipseSuite BD.