DCI Digital Cinema Initiatives, LLC

ERRATA TO DCI *DIGITAL CINEMA SYSTEM SPECIFICATION, VERSION 1.3*

Errata items continue to be evaluated and will be posted after agreement by the DCI membership that the specific erratum needs to modify the DCI *Digital Cinema System Specification, Version 1.3*, dated 27 June 2018. Suggested erratum issues may be emailed to dci.info@dcimovies.com. Please include "Errata" in the subject line.

DCI SPECIFICATION ERRATA LISTING   9 AUGUST 2019

Erratum Number	Spec. 1.3 with Errata Page No.	Section(s) Affected	Description
13	65	7.5.4.2.1	The last sentence of this section is replaced with: *The synchronization signal shall be compliant with SMPTE ST 430-14 D-Cinema Operations -- Digital Sync Signal and Aux Data Transfer Protocol.*
14	93	9.4.2.3	The first bullet of this section is replaced with the following two bullets: • **Image Media Block (IMB)** – *The Image Media Block (IMB) is a type 1 Secure Processing Block (SPB) that shall contain a Security Manager (SM), Image, Audio and Subtitle Media Decryptors (MD), image decoder, Image and Audio Forensic Marking (FM) and optionally the Link Encryptor (LE) function.* The IMB SM is responsible for security for a single Equipment Suite (SPBs that drive a projector), and it authenticates other SPBs that comprise the suite. Other such SPBs are referred to as remote SPBs. • **Image Media Block with OMB Functions (IMBO)** – It is encouraged that the IMB perform the content essence processing functions of the Outboard Media Block (OMB) as given in Section 9.4.3.6.4. Normative Requirements: Outboard Media Block (OMB). An IMB that implements this functionality is an IMBO.
15	93	9.4.2.4	The first sentence of the third paragraph is deleted.

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16	94	9.4.2.5	New section 9.4.2.5.1 is added at the end of section 9.4.2.5 as follows: **9.4.2.5.1 Multiple Media Block Operation** *For multiple media block (MMB) implementations, the SMS shall operate as the central projection booth automated authority to assure all pre-show requirements have been confirmed. Requirements include:* • *Being aware of the complement of Media Blocks (IMB, OMB or IMBO) present in the projection booth, and the essence processing capabilities of each.* • *Analyzing composition playlists (CPLs) and show playlists (SPLs) to determine which Media Blocks (MB) will be expected to play/render each essence component of the composition(s) of a show, and confirm the complement of MBs is so capable.* • *Delivering all SPL KDMs and CPLs to the complement of MBs and obtaining confirmation from each participating SM that the prerequisites of Sections 9.4.3 Theater Security Operations and 9.4.3.5 Functions of the Security Manager (SM) are satisfied.* Where applicable, the use of SMPTE standards in support of the above is normatively defined in this specification. The use of other SMPTE standards is encouraged but is implementation-specific. In sum, MMB operation places important responsibilities and additional operational expectations onto the SMS to assure security requirements are satisfied so that each show playout is successful. The pre-show, show playout and post-show operation of MMB architectures mandates the implementation of additional SMS functionality and automated processes.
17	110	9.4.3.6.3	In item #4 the term "Integrated Media Block" is replaced with "Image Media Block".