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Verification Report

[Generated by Cerify 7.6.3.10]

Job Details

Name	*JOB_ETMS_Profile1_smb___MassimoW8_VideoIn1_11024.mxf*
MediaSet	*ETMS_Profile1_smb___MassimoW8_VideoIn1_11024.mxf*
Profile	*Profile1*
Priority	*High*
Start Time	*2013-11-14T14:40:06*
End Time	*2013-11-14T14:47:07*

FileName	Fatal	Error	Warn	Info
11024.mxf	0	24	2	1

File Details: 11024.mxf

Test Summary

Result	*Error*
Path	*smb://MassimoW8/VideoIn1/*
Size	*411 MB*
Status	*complete*
Start Time	*2013-11-14T14:40:07*
End Time	*2013-11-14T14:47:07*
Last Modified	*2013-03-25T11:05:27*
Run Number	*1*
Processing System	*172.31.230.105*

Alert Summary

Video alerts

Level	Alert Name	Count
❌	Test for attribute MPEG2 Level failed	1
❌	Test for attribute Video Display Aspect Ratio failed	1
❌	Test for attribute Video Resolution failed	1
❌	Block Artifacts exceed permitted number	10
❌	Test for attribute Average Video Frame Rate failed	1
❌	Bad placement of MPEG-2 GOP headers	10
⚠️	Unique alert limit reached	2
✅	Alert suppressed	1

Processing Result

Container Info

Property	Value	Property	Value
Container type	MXF	MXF Operational Pattern	Op1a
MXF Footer Partition Present	yes	MXF Clip Duration	57,28s
MXF Start Timecode	00:00:00:00	Length	57,28s
Length (bytes)	411M	Bitrate (bits/second)	57,4M
Number of video streams	1	Number of audio streams	6
Audio wrapper type	AES (SMPTE 382M)	Time Code Format	HH:MM:SS:FF
Wrapper parser	MXF Parser	MXF Package UMIDs	SOURCE_PACKAGE UMID: Type : UMID32 06.0a.2b. 34.01.01.01.05.01.01.0d. 43.13.00.00.00.2a. 40.19.00.45.42.05.80.08.00.4 6.02.01.25.f0.17 Picture Essence track with TrackId = 2 Sound essence track with TrackId = 3 Sound essence track with TrackId = 4 Sound essence track with TrackId = 5 Sound essence track with TrackId = 6 Sound essence track with TrackId = 7 Sound essence track with TrackId = 8 Sound essence track with TrackId = 9 Sound essence track with TrackId = 10 MATERIAL_PA CKAGE UMID: Type : UMID32 06.0a.2b. 34.01.01.01.05.01.01.0d. 20.13.00.00.00.84.2d.4f.23. d5.2f.43.f6.bc.34.2a.96.16. a6.e6.5e Picture Essence track with TrackId = 2 Sound essence track with TrackId = 3 Sound essence track with TrackId = 4 Sound essence track with TrackId = 5 Sound essence track with TrackId = 6 Sound essence track with TrackId = 7 Sound essence track with TrackId = 8 Sound essence track with TrackId = 9 Sound essence track with TrackId = 10
MXF Footer Partition Status	Closed and Complete	MXF Header Partition Status	Closed and Complete
MXF Metadata: Company Name	Matrox Electronic	MXF Metadata: Product Name	DSX
MXF Metadata: Version	3	MXF Metadata: Last modified date	03/25/2013
Streamable	no		

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Video Info

Property	Value	Property	Value
Video standard	*MPEG-2*	Length	*57,24s*
Bitrate (bits/second)	*47,7M*	Encoded picture size (pixels)	*1.920 x 1.080*
Framerate (average)	*25*	Framerate fraction	*25/1*
Framerate (nominal)	*25*	Profile	*4:2:2 profile*
Level	*High level*	Color format	*YUV 4:2:2*
Color depth	*8*	Display aspect ratio	*16:9*
MXF video format	*50Hz HD1080 interlaced*	MXF frame layout	*Separate fields*
MXF display picture size (pixels)	*1.920 x 540*	MXF stored picture size (pixels)	*1.920 x 544*
MXF aspect ratio	*16:9*	MXF bitrate (Mbits/second)	*50*
MXF video essence type	*MPEG elementary stream*	Sample aspect ratio	*1:1*
Interlaced	*yes*	Length (frames)	*1.432*
Length (bytes)	*341M*	MXF color format	*4:2:2*
MXF color depth	*8*	Bidirectional prediction	*yes*
Has buffering information (VBV/HRD)	*yes*	Has sequence display extension	*yes*
Nominal bitrate (bits/second)	*47,7M*	VBV buffer size (units of 16 kbits)	*1.088*
Closed caption standard	*NONE*	CEA 608 caption services	*NONE*
CEA 708 caption services	*NONE*	Forward prediction	*yes*
Mpeg2 video level	*4*	Maximum Blockiness (0 to 99)	*27 at 00:00:07.280*
Minimum Blockiness (0 to 99)	*0 at 00:00:01.960*		

Audio Info

Track ID #3

Property	Value	Property	Value
Audio standard	*Uncompressed Audio*	Length	*57,28s*
Bitrate (bits/second)	*1,10M*	Number of channels	*1*
Sample rate (Hz)	*48.000*	Sample depth	*24*
MXF audio essence type	*Audio AES3*	Profile	*AES (SMPTE 382M)*
Length (bytes)	*7,87M*	Little-endian	*yes*

Track ID #4

Property	Value	Property	Value
Audio standard	*Uncompressed Audio*	Length	*57,28s*
Bitrate (bits/second)	*1,10M*	Number of channels	*1*
Sample rate (Hz)	*48.000*	Sample depth	*24*
MXF audio essence type	*Audio AES3*	Profile	*AES (SMPTE 382M)*
Length (bytes)	*7,87M*	Little-endian	*yes*

Track ID #5

Property	Value	Property	Value
Audio standard	*Uncompressed Audio*	Length	*57,28s*

Property	Value	Property	Value
Bitrate (bits/second)	*1,10M*	Number of channels	*1*
Sample rate (Hz)	*48.000*	Sample depth	*24*
MXF audio essence type	*Audio AES3*	Profile	*AES (SMPTE 382M)*
Length (bytes)	*7,87M*	Little-endian	*yes*

Track ID #6

Property	Value	Property	Value
Audio standard	*Uncompressed Audio*	Length	*57,28s*
Bitrate (bits/second)	*1,10M*	Number of channels	*1*
Sample rate (Hz)	*48.000*	Sample depth	*24*
MXF audio essence type	*Audio AES3*	Profile	*AES (SMPTE 382M)*
Length (bytes)	*7,87M*	Little-endian	*yes*

Track ID #7

Property	Value	Property	Value
Audio standard	*Dolby-E*	Length	*57,28s*
Bitrate (bits/second)	*1,83M*	Number of channels	*6*
Sample rate (Hz)	*48.000*	Sample depth	*20*
Program Sequence	*5,1*	Program Count	*1*
Frame Rate	*25*	Max. Peak dB	*-0,752*
Max. RMS dB	*-5,17*	MXF audio essence type	*Audio AES3*
Audio Coding Mode	*3/2*	A/D converter type	*Standard*
Length (bytes)	*13,1M*	Bitstream Mode	*Complete Main*
Center Mix Level	*-3 dB*	Copyright Status	*Yes*
Dialogue normalization	*-27 dB*	Dolby Digital Surround EX mode	*No indication*
Dolby Headphone mode	*No indication*	AC3_XBSI Mix level	*Lt/Rt*
Original bitstream flag	*Yes*	Low Frequency Effects	*Yes*
Lo/Ro center mix level	*-3 dB*	Lo/Ro surround mix level	*-3 dB*
Lt/Rt center mix level	*-3 dB*	Lt/Rt surround mix level	*-3 dB*
Mix level	*80 dB*	Room Type	*No indication*
Surround Mix level	*-3 dB*	Dolby Surround Mode	*Not Dolby Surround encoded*
Surround 3 dB attenuator	*Enabled*	Surround channel 90-degree phase shift filter	*Enabled*
LFE channel lowpass filter	*Enabled*	Bandwidth lowpass filter	*Enabled*
Highpass filter	*Enabled*	RF overmodulation protection	*Disabled*
Channel Sequence	*0L, 0C, 0Ls, 0R, 0LFE, 0Rs*	Mode	*24*
Interleave Tracks Ids	*7/8*		

Track ID #9

Property	Value	Property	Value
Audio standard	*Dolby-E*	Length	*57,28s*
Bitrate (bits/second)	*1,83M*	Number of channels	*6*
Sample rate (Hz)	*48.000*	Sample depth	*20*
Program Sequence	*5,1*	Program Count	*1*
Frame Rate	*25*	Max. Peak dB	*-0,752*

Max. RMS dB	-8,366	MXF audio essence type	Audio AES3
Audio Coding Mode	3/2	A/D converter type	Standard
Length (bytes)	13,1M	Bitstream Mode	Complete Main
Center Mix Level	-3 dB	Copyright Status	Yes
Dialogue normalization	-27 dB	Dolby Digital Surround EX mode	No indication
Dolby Headphone mode	No indication	AC3_XBSI Mix level	Lt/Rt
Original bitstream flag	Yes	Low Frequency Effects	Yes
Lo/Ro center mix level	-3 dB	Lo/Ro surround mix level	-3 dB
Lt/Rt center mix level	-3 dB	Lt/Rt surround mix level	-3 dB
Mix level	80 dB	Room Type	No indication
Surround Mix level	-3 dB	Dolby Surround Mode	Not Dolby Surround encoded
Surround 3 dB attenuator	Enabled	Surround channel 90-degree phase shift filter	Enabled
LFE channel lowpass filter	Enabled	Bandwidth lowpass filter	Enabled
Highpass filter	Enabled	RF overmodulation protection	Disabled
Channel Sequence	0L, 0C, 0Ls, 0R, 0LFE, 0Rs	Mode	24
Interleave Tracks Ids	9/10		

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Alert Details

Video Alert Details
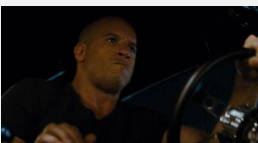
Level	Alert ID	Location	Start	End	Title	Detail	Thumbnail
❌	26553	N/A	N/A	N/A	Test for attribute MPEG2 Level failed	Expected value to be exactly Main, but it was High	No Image Available
❌	26543	N/A	N/A	N/A	Test for attribute Video Display Aspect Ratio failed	Expected value to be exactly 4:3, but it was 16:9	No Image Available
❌	26592	N/A	N/A	N/A	Test for attribute Video Resolution failed	Expected Video Frame Width to be exactly 720, but it was 1920 AND Expected Video Frame Height to be exactly 512, but it was 1080	No Image Available
❌	27011	00:00:01:11 frame 37	00:00:01:11	00:00:01:12	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 77 at 00:00:01:11.	
❌	27011	00:00:02:22 frame 73	00:00:02:22	00:00:02:23	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 83 at 00:00:02:22.	
❌	27011	00:00:05:07 frame 133	00:00:05:07	00:00:05:09	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 77 at 00:00:05:08.	

Level	Alert ID	Location	Start	End	Title	Detail	Thumbnail
❌	27011	00:00:05:10 frame 136	00:00:05:10	00:00:05:12	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 79 at 00:00:05:12.	
❌	27011	00:00:05:13 frame 139	00:00:05:13	00:00:05:15	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 75 at 00:00:05:14.	
❌	27011	00:00:05:16 frame 142	00:00:05:16	00:00:05:18	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 73 at 00:00:05:17.	
❌	27011	00:00:07:05 frame 181	00:00:07:05	00:00:07:06	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 71 at 00:00:07:06.	
❌	27011	00:00:07:08 frame 184	00:00:07:08	00:00:07:10	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 77 at 00:00:07:10.	
❌	27011	00:00:07:11 frame 187	00:00:07:11	00:00:07:13	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 74 at 00:00:07:13.	

Level	Alert ID	Location	Start	End	Title	Detail	Thumbnail
❌	27011	00:00:07:14 frame 190	00:00:07:14	00:00:07:19	Block Artifacts exceed permitted number	Quality dropped below 85. Worst quality was 75 at 00:00:07:15.	
❌	26537	N/A	N/A	N/A	Test for attribute Average Video Frame Rate failed	Expected Average Video Frame Rate to be exactly 29.97, but it was 25	No Image Available
❌	27015	00:00:00:12 frame 13	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x2a31e7 (dec. 2765287), bit 7 (the previous GOP header was at 0x25e0b6 (dec. 2482358), bit 7).	
❌	27015	00:00:00:24 frame 25	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x59bfe3 (dec. 5881827), bit 7 (the previous GOP header was at 0x531281 (dec. 5444225), bit 7).	
❌	27015	00:00:01:11 frame 37	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x8c8f03 (dec. 9211651), bit 7 (the previous GOP header was at 0x871dcf (dec. 8854991), bit 7).	
❌	27015	00:00:01:23 frame 49	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0xb74a12 (dec. 12012050), bit 7 (the previous GOP header was at 0xaea001 (dec. 11444225), bit 7).	

Level	Alert ID	Location	Start	End	Title	Detail	Thumbnail
❌	27015	00:00:02:10 frame 61	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0xe3635e (dec. 14902110), bit 7 (the previous GOP header was at 0xdc66c1 (dec. 14444225), bit 7).	
❌	27015	00:00:02:22 frame 73	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x116e96c (dec. 18278764), bit 7 (the previous GOP header was at 0x10e354a (dec. 17708362), bit 7).	
❌	27015	00:00:03:09 frame 85	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x146f630 (dec. 21427760), bit 7 (the previous GOP header was at 0x13c9d22 (dec. 20749602), bit 7).	
❌	27015	00:00:03:21 frame 97	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x1727ccc (dec. 24280268), bit 7 (the previous GOP header was at 0x16ab4e1 (dec. 23770337), bit 7).	
❌	27015	00:00:04:08 frame 109	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x198332e (dec. 26751790), bit 7 (the previous GOP header was at 0x19381c1 (dec. 26444225), bit 7).	
❌	27015	00:00:04:20 frame 121	N/A	N/A	Bad placement of MPEG-2 GOP headers	The maximum GOP interval is 1. This means that there should have been a GOP header before the picture at 0x1c81986 (dec. 29890950), bit 7 (the previous GOP header was at 0x1c14881 (dec. 29444225), bit 7).	

Level	Alert ID	Location	Start	End	Title	Detail	Thumbnail
⚠	31006	00:00:05:07 frame 133	N/A	N/A	Unique alert limit reached	The "Bad placement of MPEG-2 GOP headers" alert has been raised more than 10 times. No further occurrences will be reported.	
⚠	31006	00:00:07:20 frame 196	N/A	N/A	Unique alert limit reached	The "Block Artifacts exceed permitted number" alert has been raised more than 10 times. No further occurrences will be reported.	
✔	41002	00:00:57:06 frame 1432	N/A	N/A	Alert suppressed	An alert with ID 22200 (No end-of-sequence start code found) has been suppressed. This message is for information purposes only and will not be repeated should further alerts of this kind be suppressed.	