

Leader

# **SR Live for HDR Live Workflow Solutions**

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October 14th, 2019

# 1. | SR Live for HDR Live Workflow Solutions

# SR LIVE for HDR LIVE Workflow Solutions

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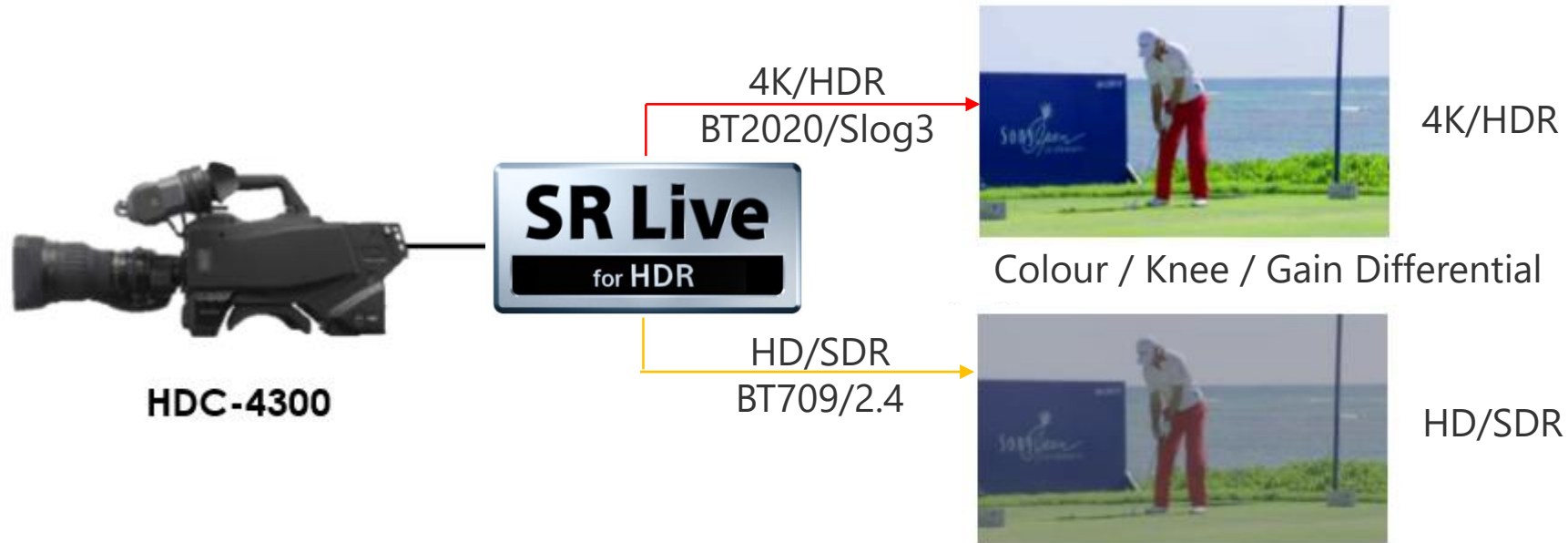
- Simultaneous Production for both HDR and SDR
  - Create both HDR/SDR images based on skilled SDR imaging experiences and techniques
  - Converter to any desired HDR/SDR format
  - Both 4K/UHDTV and HD resolution are supported



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➤ SR Live – Simultaneous Production HDR and SDR



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- Leader ZEN Series supports Sony's "SR Live Metadata" decode and display as a standard function
- "SR Live for HDR" is an important production workflow when broadcast content is moving from HD SDR to 4K HDR or HD HDR, because "SR Live for HDR" allows 4K HDR and HD SDR simultaneous video production following to the HD SDR live production environment which is the current mainstream.
- The "SR Live Metadata" is embedded to the SDI signal based on SMPTE ST 291-1 "Ancillary Data Packet and Space Formatting", and the following information can now be decoded and displayed on the ZEN series :



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1920x1080/59.94P YCbCr(422) 10bit 3G-A

SDI B

TIME: 09:16:45

SR Live Packet

INTERFACE LINE No. 9

No.	ITEM	VALUE	CTRL	No.	ITEM	VALUE	CTRL
1	Table Version	V 1.00	[ -- ]	14	Knee	ON	[ON]
2	OETF	HLG	[ -- ]	15	Knee Point	95%	[-15]
3	Trasfer Matrix	BT.2020	[ -- ]	16	Knee Slope	0.20	[+32]
4	Color Mode	WIDE-BC	[ -- ]	17	Knee Saturation	OFF	[OFF]
5	SR Live	YES	[YES]	18	Knee Saturation Level	0.50	[+0]
6	HDR Black Compression	ON	[ON]	19	Soft Knee	--	[ -- ]
7	(Reserved)	--	[ -- ]	20	Knee Radius	--	[ -- ]
8	SDR Gain	-6.0dB	[-6.0]	21	SDR White Clip	ON	[ON]
9	SDR Master Black	1.09%	[+5.0]	22	SDR White Clip Level	107%	[-78]
10	HDR Black Offset	$\Delta$ -0.02%	[-0.1]	23	HDR Knee	ON	[ON]
11	Gamma Table	STD 3	[STD 3]	24	HDR Knee Point	350%	[+0]
12	Gamma Step	0.45	[0.45]	25	HDR Knee Slope	0.65	[+0]
13	Gamma Level	1.00	[+0]				



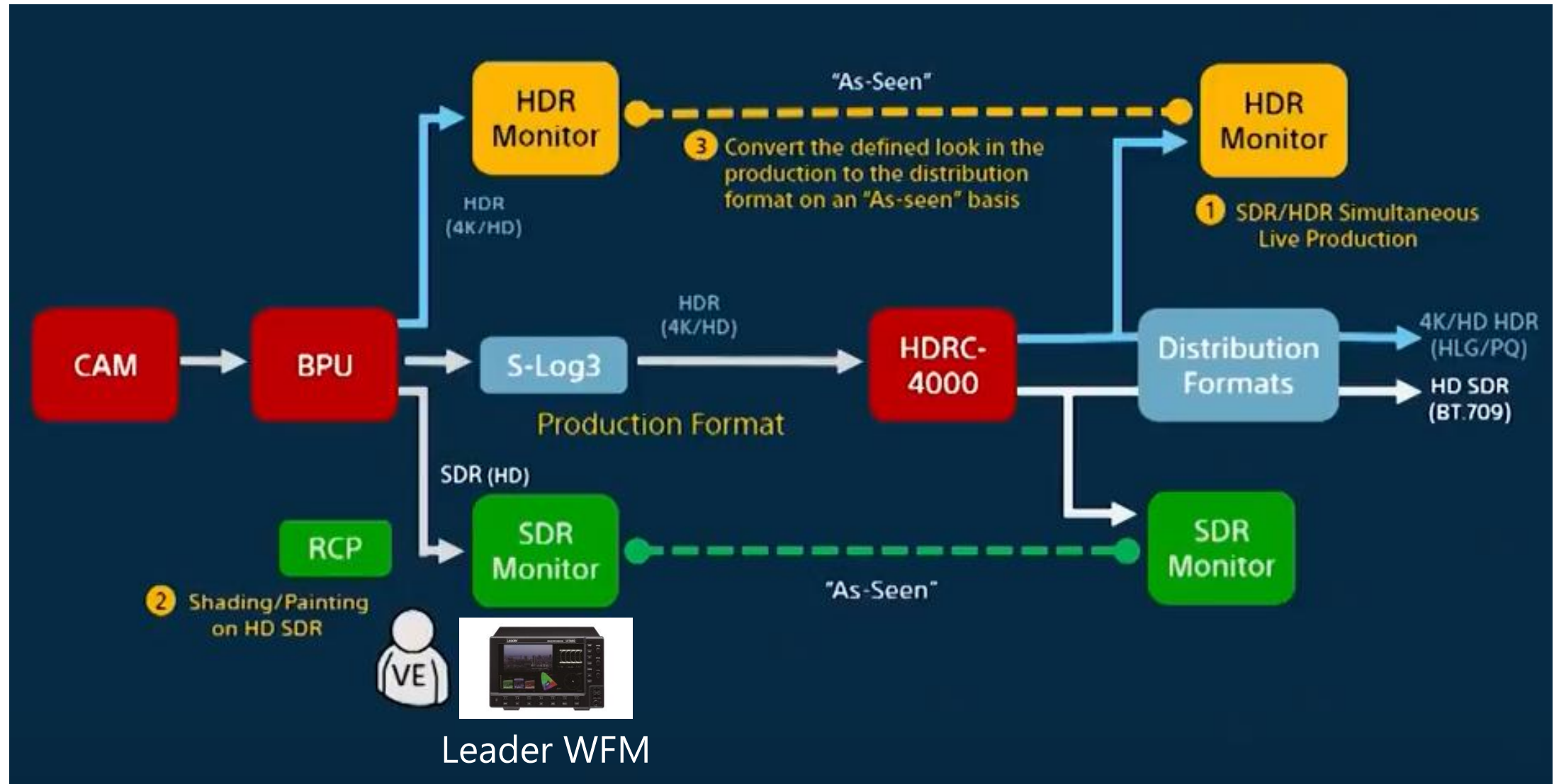
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  - The "SR Live Metadata" is embedded to the SDI signal based on SMPTE ST 291-1 "Ancillary Data Packet and Space Formatting", and the following information can now be decoded and displayed on the ZEN series :
  - This function is now available as a standard function on all ZEN series waveform monitors and rasterizers. For previously purchased products, users can install this function by updating to the latest firmware free of charge.

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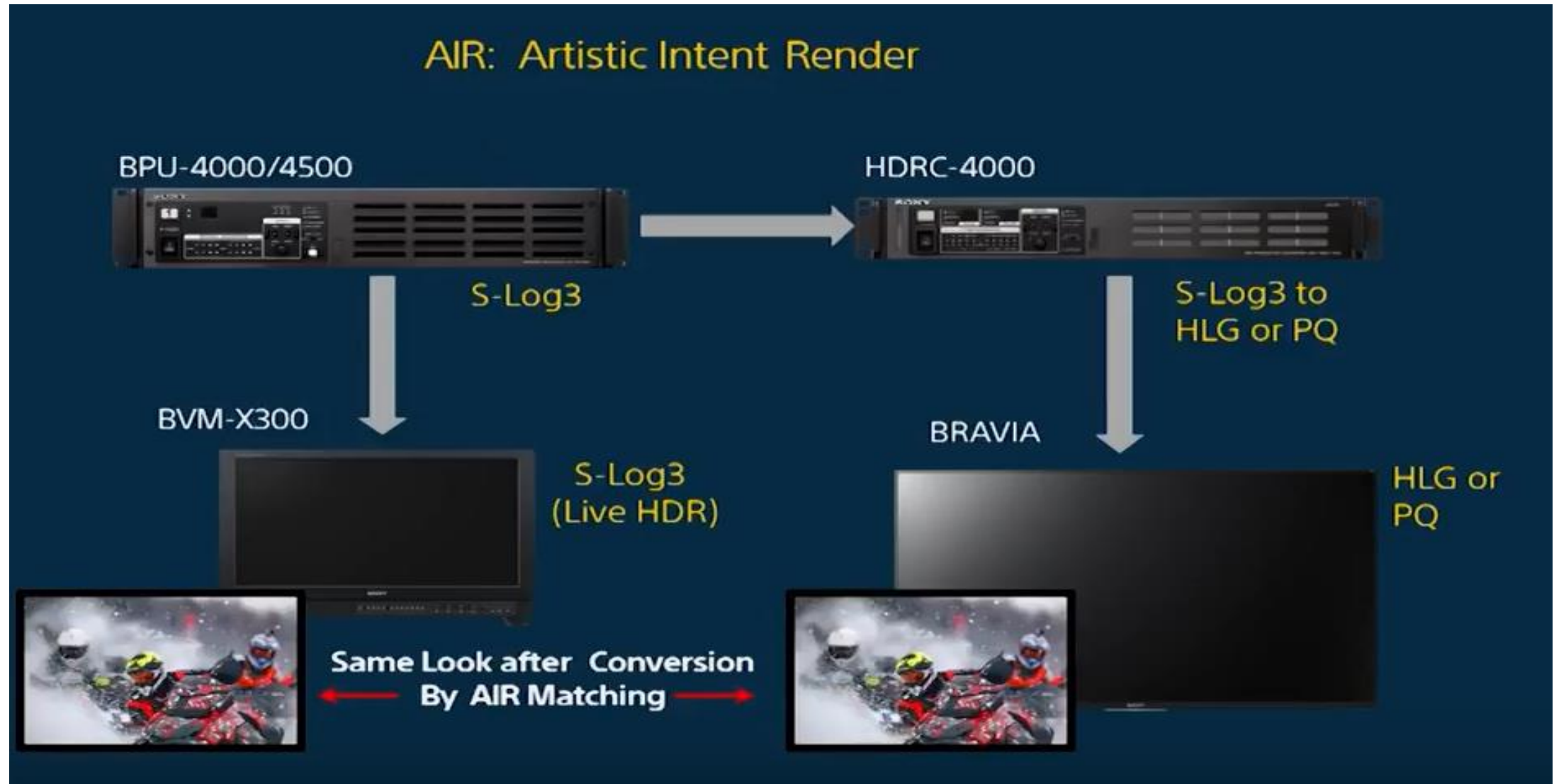
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## OOTF Comparison (~100%)

