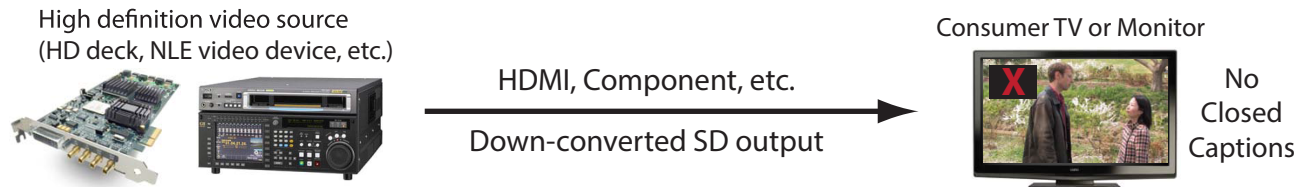


Solutions for Monitoring HD Closed Captions

A whitepaper by Jason Livingston

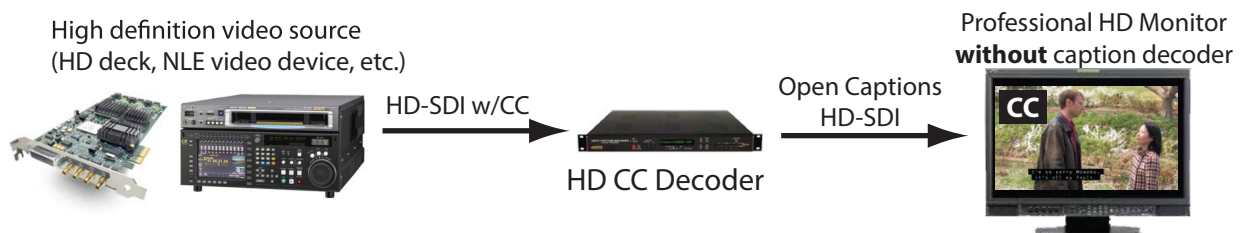
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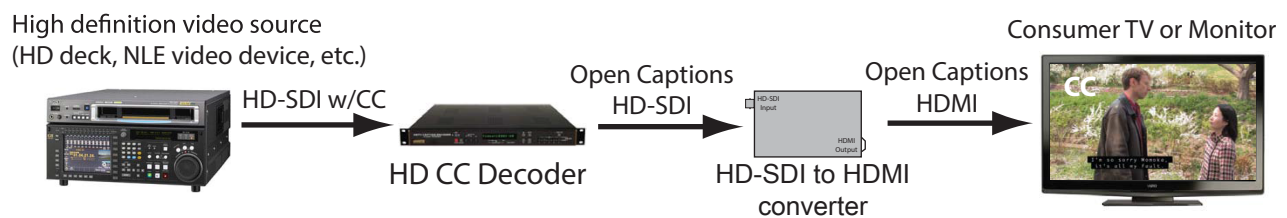
HDMI & Component do not support closed captions.
Also, most devices do not preserve closed caption data on down-convert.



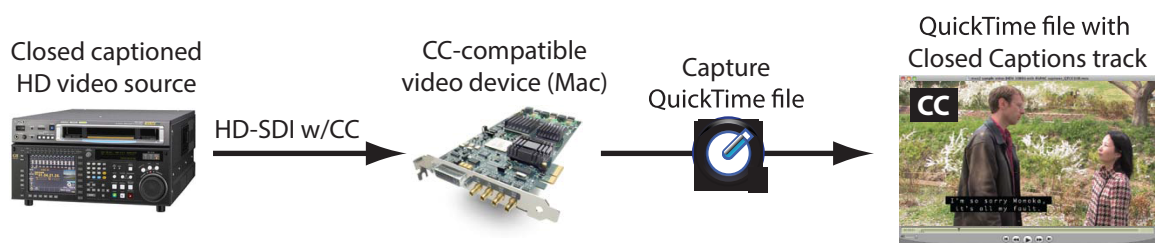
Closed captions are transmitted via HD-SDI and decoded by the monitor.
The monitor can decode CEA-608 (CC1-CC4) and CEA-708 (S1-S6) (if supported).



Decoder hardware converts closed captions into open captions.
The caption text is permanently burned into the image by the decoder.



Decoder hardware converts closed captions into open captions.
Since they are now part of the image, they are preserved during conversions.



After outputting with closed captions, you can capture back into your Mac to verify them.
QuickTime Player can decode both CEA-708 and CEA-608 closed captions.
The closed captions can also be decoded, edited, and/or converted by MacCaption.