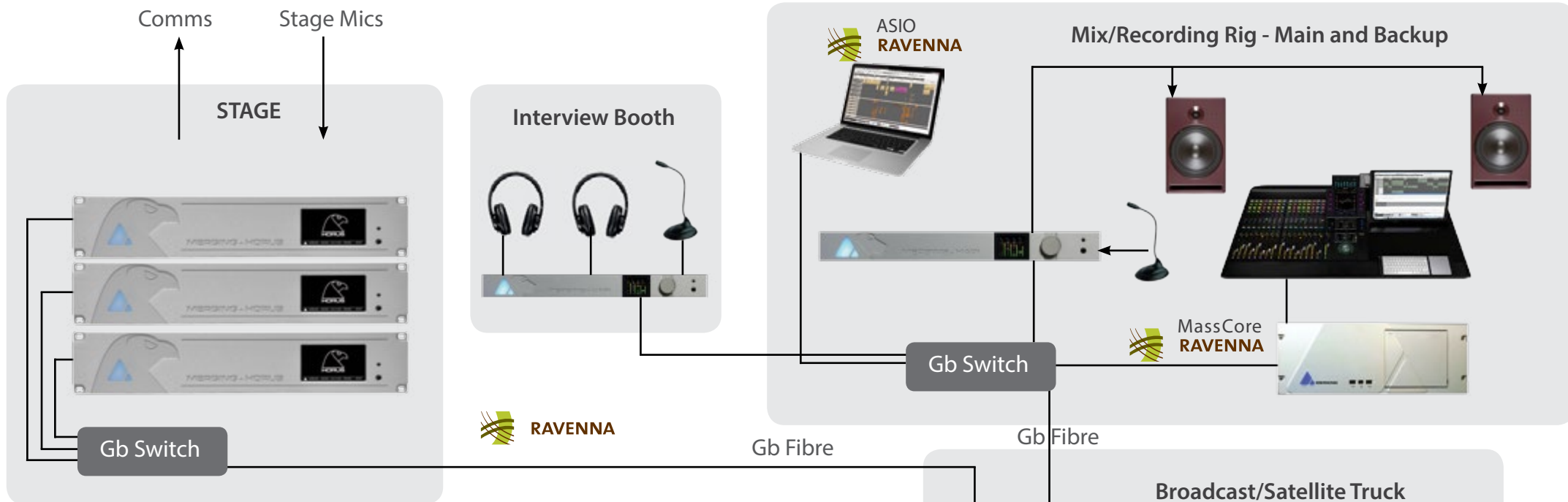


RAVENNA Network for Live Performance Broadcast



Description

This signal diagram describes a workflow where a performance is to be recorded while at the same time transmitted "live".

The signal comes from the stage and goes through the Horus units on stage to get into the RAVENNA/AES67 network. The multi-track signal is then recorded in the Mix and Recording suite onto the main and backup machine. Notice that the backup recorder is connected using ASIO (CoreAudio also available) meaning that almost any DAW can be used for the backup recording. The signal is also mixed using the MassCore engine of the Main recording rig. The output of the mixing/recording rig is then fed back into the RAVENNA network and arrives at the broadcast/satellite truck for combination with the picture before being streamed to broadcast. The additional MADI card on the Horus in the broadcast truck also means that the broadcast truck is able to do its own multi-track recording at the same time.

Stage Equipment

- 3xIOC-HORUS with a total of
 - 15xAD8 Standard AD cards (120 Channels)
 - 3x DA8 Standard DA Cards (24 channels)

Mix/Recording Room

- MassCore Pyramix main rec. and mix engine
- Pyramix Native backup recorder
- PSI A215M reference monitors
- Control surface
- Hapi with 1xDA and 1x AD for monitoring and talkback microphone

Broadcast/Satellite Truck

- IOC-Horus with
 - IOM-MADM MADI Expansion Card for a total of 128 MADI channels

Interview Booth

- IOC-Hapi with
 - 1xAD8 Standard AD card (8channels)
 - 1xDA8 Standard DA card (8 channels)

