

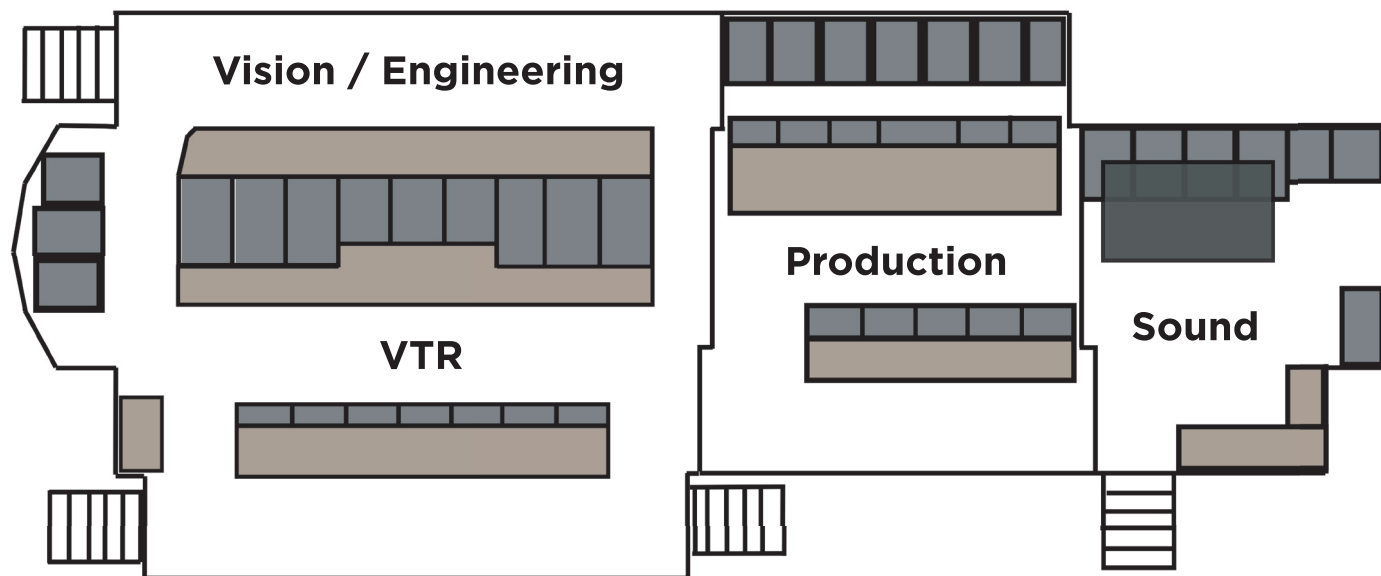


TIMELINE'S TRIPLE EXPANDING IP 4K HDR OUTSIDE BROADCAST TRUCK

Timeline's state-of-the-art IP 4K HDR outside broadcast truck is one of the most advanced in the world. With an Arista 100G switch at its heart and SAM IP infrastructure UHD2 delivers large scale complex OBs simultaneously in uncompressed 4K UHD HDR and 4K UHD SDR.

IP technology removes traditional SDI matrix limits enabling production teams to fully harness the power of UHD 4K. UHD 2 is based around the SMPTE 2110 standard enabling both audio and video to be processed in the IP stream.





CHASSIS

- 16.5 articulated trailer, triple expanding with automated self-levelling
- Max footprint 16.5m x 6m x 4.2m
- Power 2 x 125a 3 phase C-Form

ENGINEERING

- SMPTE 2110 and SMPTE 2022 standards supported
- UHD HDR, UHD SDR, 1080p HDR, 1080p SDR, 1080i
- Arista Switch 100G – Effective maximum matrix size 4608 x 4608
- Baseband Video Conversion - SAM Mix 25 Cards
- Six outgoing TX chains with Dolby and Dolby Atmos
- Two Kahuna 6ME IP vision mixers
- Kahunas can work as HDR and SDR pair for simulcast broadcast
- Router switching for unlimited UHD inputs
- SAM IP Multiviewers
- 32 cabled Sony 4300 cameras
- 12 Video servers 1080i, 1080p or UHD
- 144 bi-directional tailboard tie-lines
- HDR and SDR monitoring in engineering area
- Nine engineering positions
- Axon Cerebrum Control System

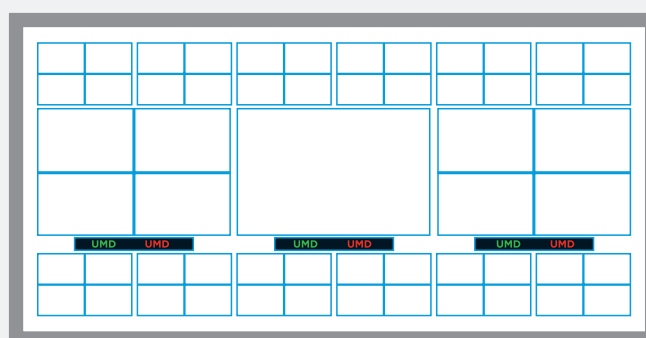
LARGE VT AREA

- 12 operator positions each with Matrix panel, Talkback and monitoring
- Central VT Co-ord position with 46 monitors
- 2x X-File positions
- 2x Archive servers

PRODUCTION AREA

- 60 Preview monitors
- 3x 49" UHD production monitor
- 4ME Kahuna main vision mixer top
- 1ME Kahuna second mixer top
- 10 production positions
- Technical producer position with Dolby monitoring

PRODUCTION MONITOR STACK



AUDIO

- Calrec Apollo 56 fader mixer
- Madi – IP conversion
- Hydra 2
- Bluefin 2
- Riedel talkback
- Dolby 5.1 and Dolby Atmos encoding
- SMPTE 2110 for flexible audio routing