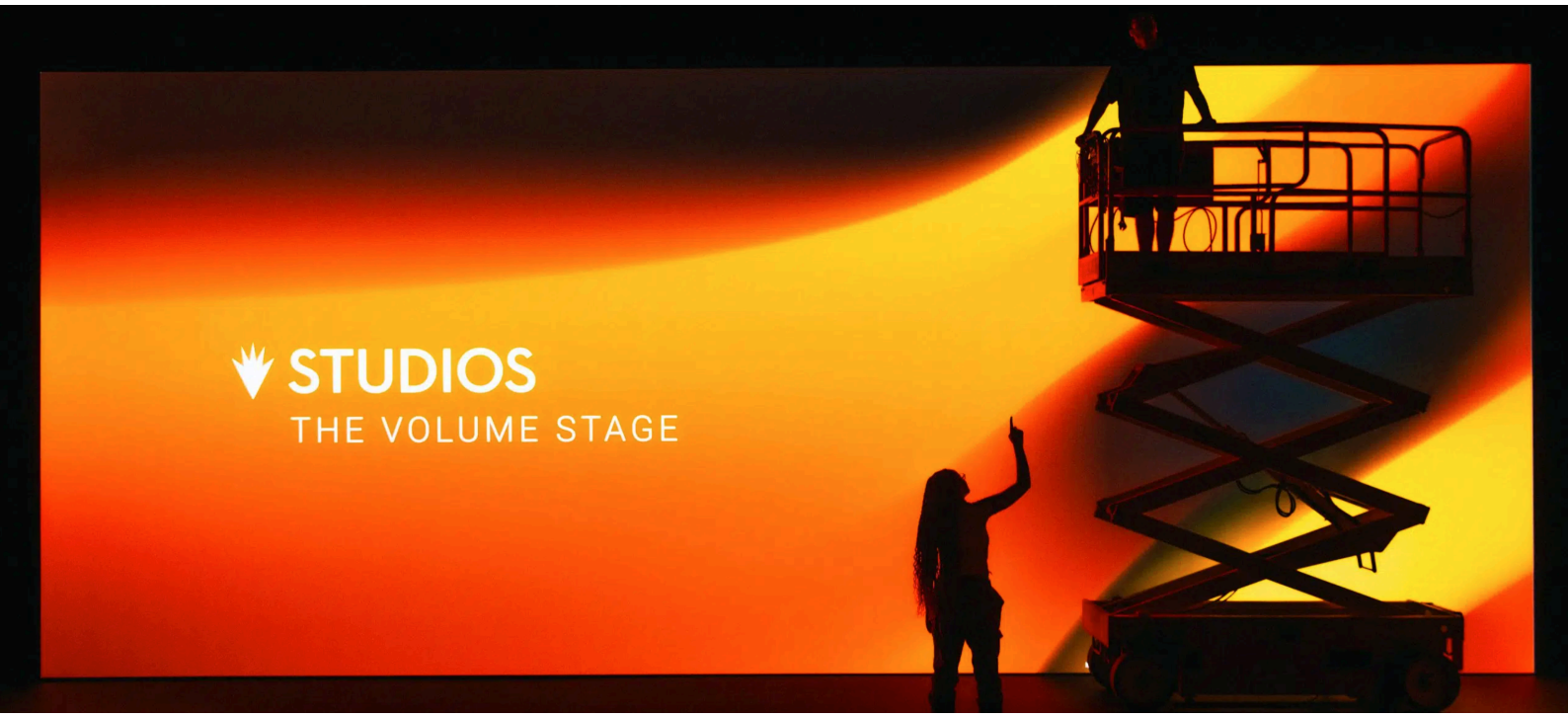
PROJECT SUCCESS BRIEF

AMS PICTURES STUDIOS - A three phased approach.



The construction of the LED stage at AMS Studios was executed in a three-phase approach:

1. **Phase One:** A 36-foot-wide by 16-foot-tall LED volume was constructed using CineLumen ViP 2.6mm pixel pitch, 7680 refresh panels. This LED wall supports 10-bit color and achieves 1000 nits of brightness. The system integrates advanced camera tracking via Mo-Sys StarTracker and supports a true ICVFX pipeline running Unreal Engine. One master node is supported by two dual GPU render nodes for real-time rendering and camera precision.

2. **Phase Two:** An 18-foot by 18-foot LED ceiling was installed. This ceiling, also 2.6mm pixel pitch, is mounted with a winch system that allows it to be raised or lowered as needed. The structure is suspended from the studio's 4x4 pipe grid, ensuring flexibility for various production requirements.

3. **Phase Three:** The final phase introduces an additional 144 CineLumen Curve Lock panels to create curved LED wings on each side of the existing wall. These curves complete the vision of a U-shaped LED volume, enhancing the stage's versatility and

immersive capabilities. The entire system is powered by Novastar MX40 and MX30 controllers, supporting SDI, DisplayPort, and HDMI inputs for seamless connectivity.



Mike Tyson vs Jake Paul Promo Shoot



Filming Toyota Rav 4 commercial



Filming Toyota Supra



Audi E-tron on Dallas Skyline

XR system and infrastructure designed by Jason Starne