

Intro to Virtual Production 101: The Future Is Now!



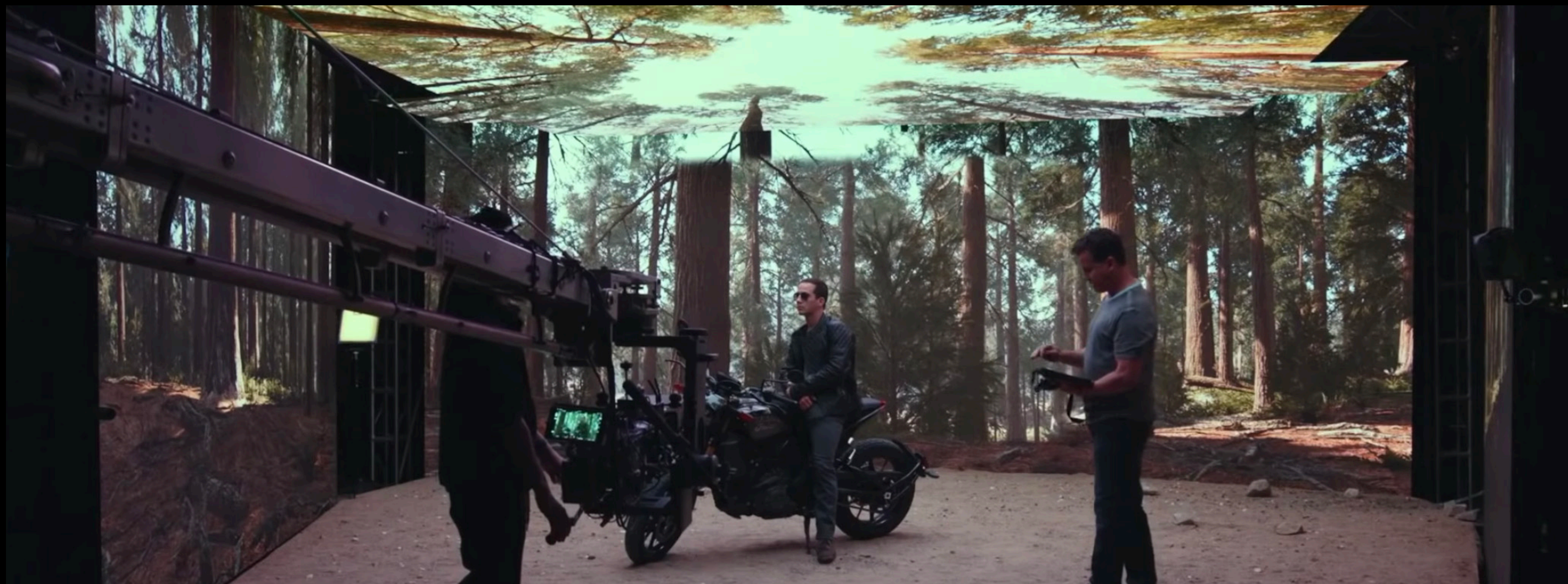
VIRTUAL PRODUCTION

Virtual Production is the use of real-time technology throughout production.

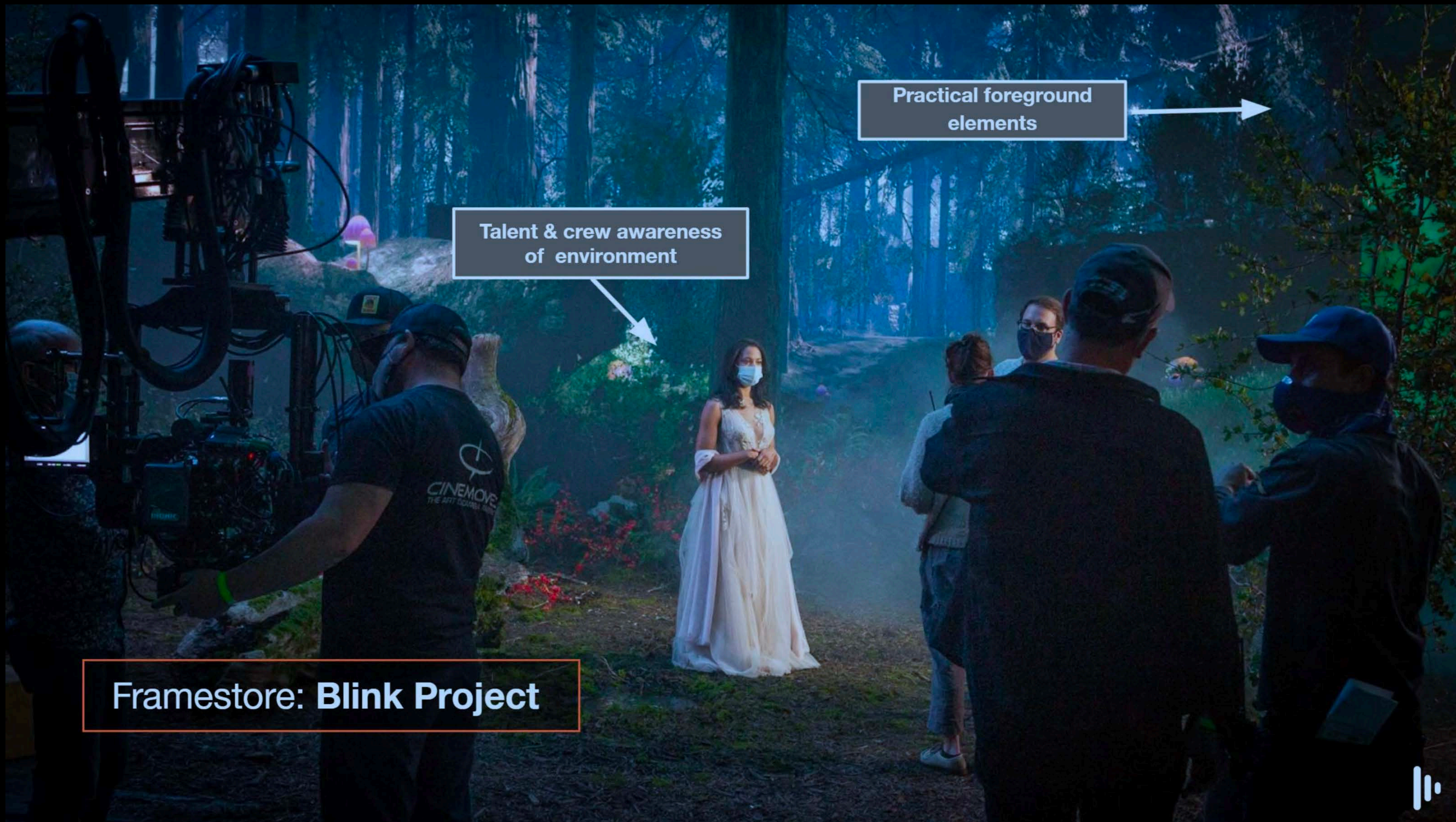
IN-CAMERA VFX (ICVFX)

The ability to mix live action footage and computer graphics together to create shots in real-time, using an LED wall to composite shots in-camera.



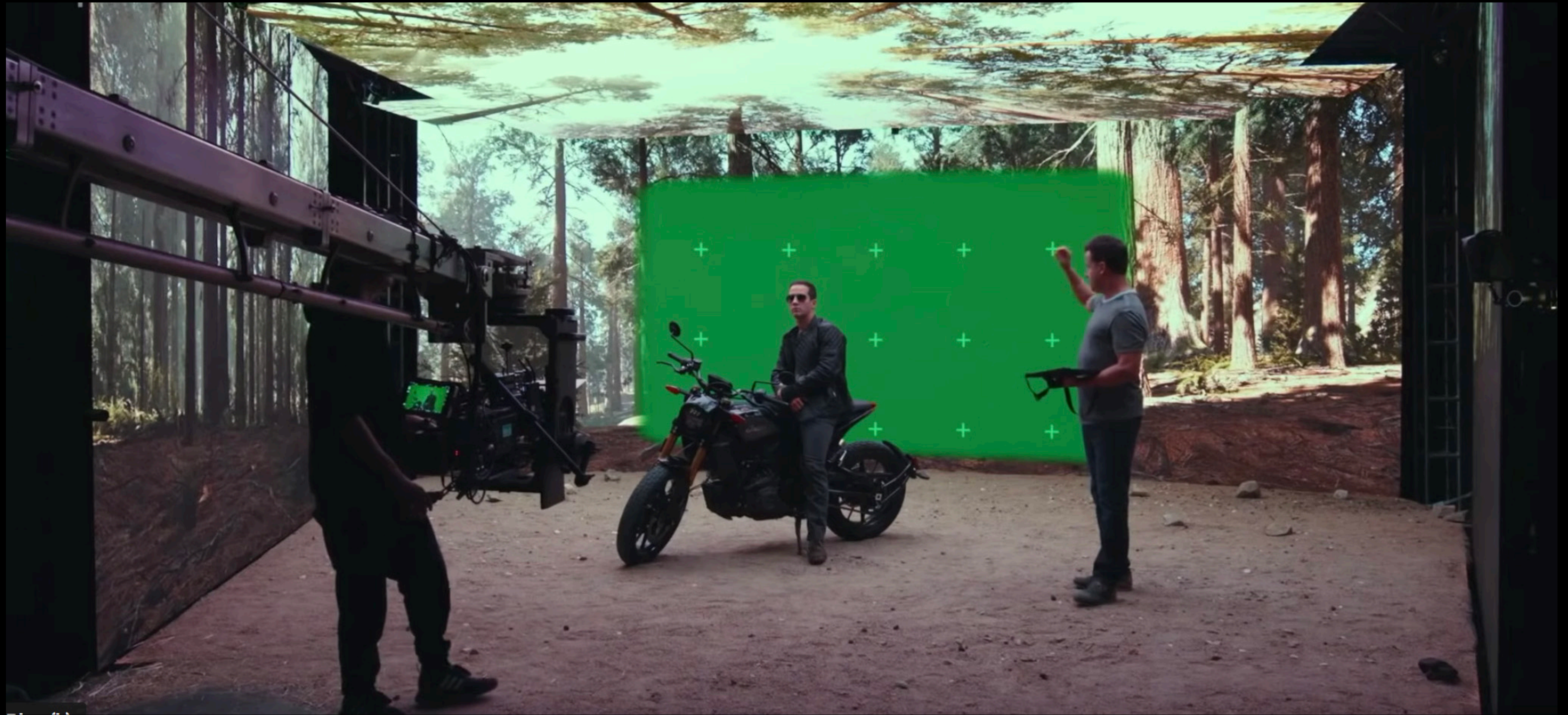


The LED wall creates an immersive surrounding experience around the real scene and actors, we refer to it as an LED volume stage.



Framestore: **Blink Project**

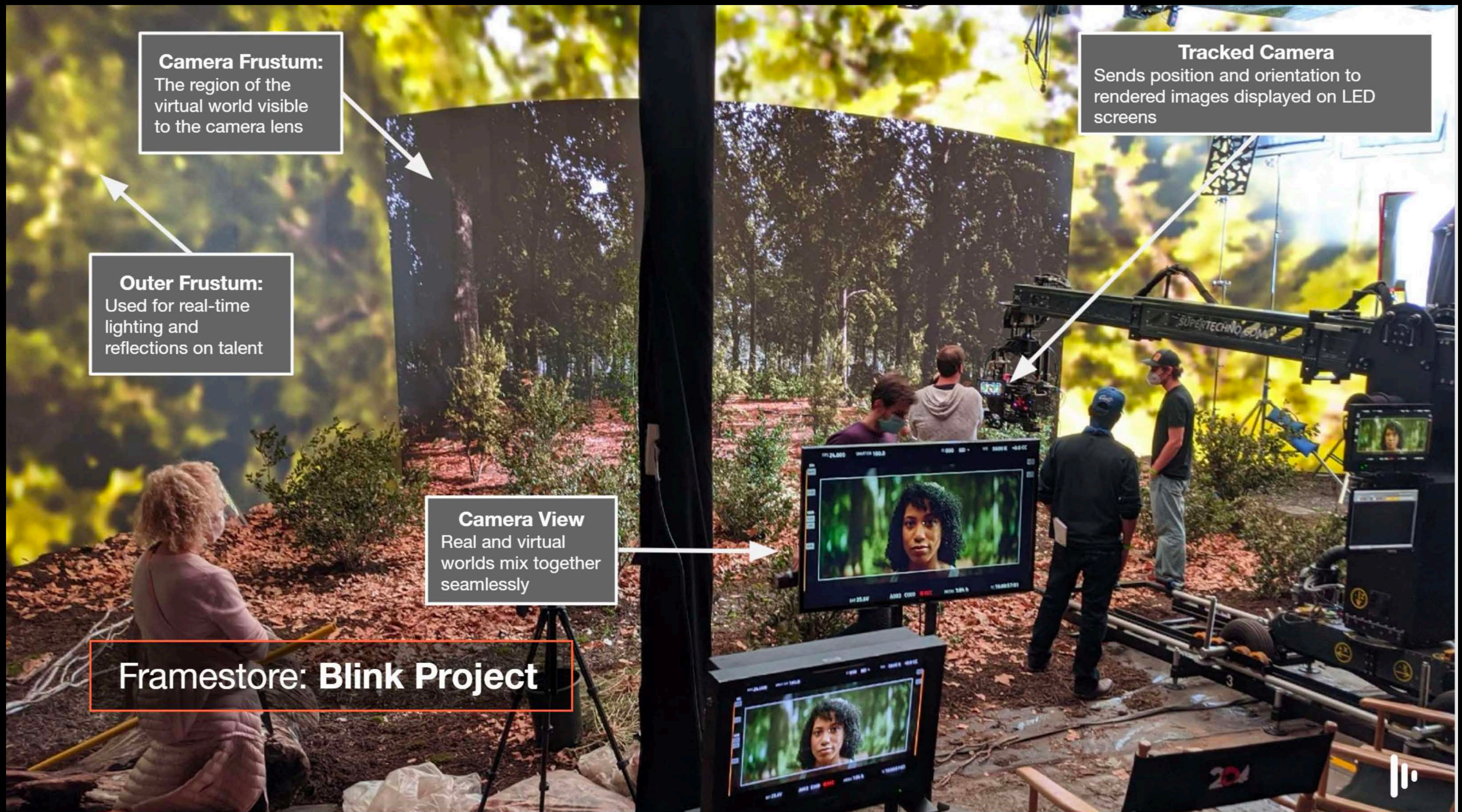
The Volume



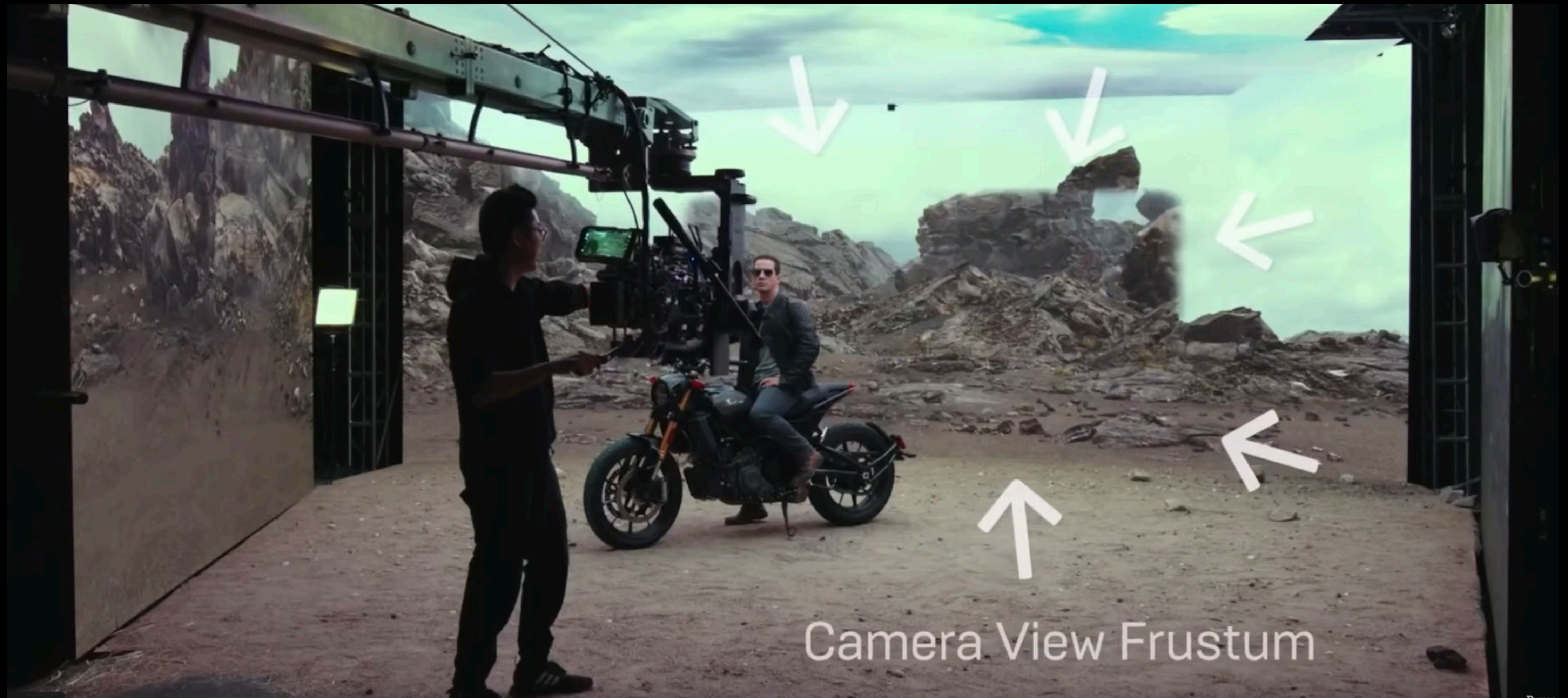
LED Wall with GS



Brain Bar - This is the central nervous center of a virtual production, where real-time hardware and software are controlled.



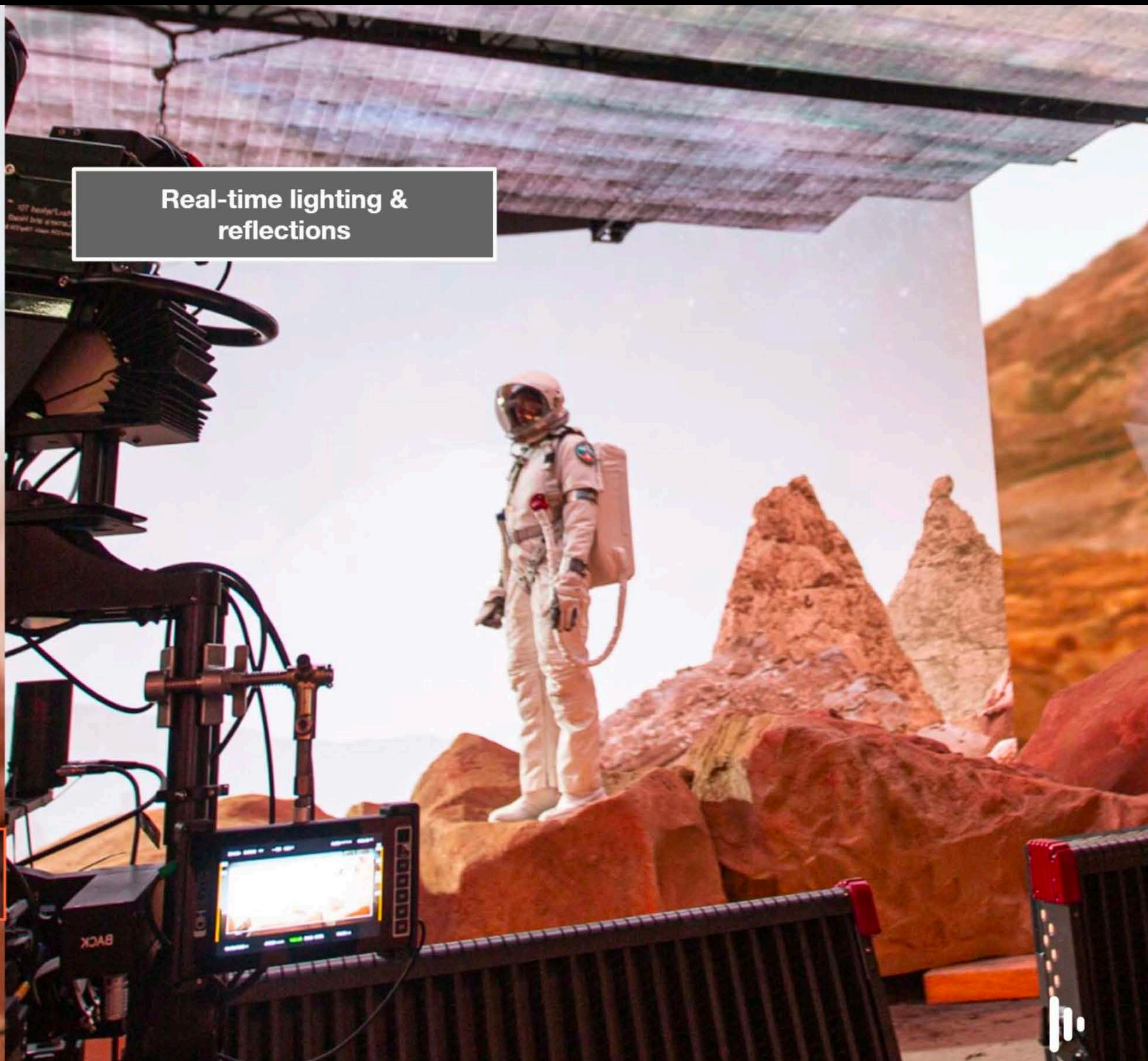
Camera Frustum and Outer Frustum



Frustum - The regions of a virtual world that appears as a viewport to the camera.



Framestore: **Blink Project**



Real-time lighting & reflections

Real-time lighting & reflections are created from the LED wall.

WHAT TYPES OF SCENES ARE GOOD
FOR VIRTUAL PRODUCTION?





Courtesy of S4 Studios - Car Process Work - on stage

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