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Virtual Production

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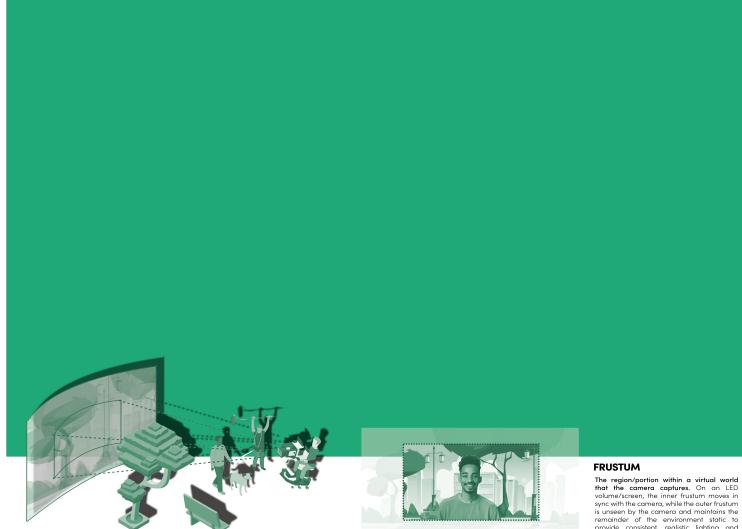
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LED VOLUME (OR GREEN-SCREEN)

High resolution LED walls project the background 3D graphics, but also emit physical light that is dynamic and controllable. Actors are able to feel immersed in their environment. When a LED wall is not available or cost-effective, green screen can be used instead and graphics are composited live with on-set monitors.



3D graphics are generated by filmmakers and designers (called the **VAD** or Virtual Art Department) using a game engine like Unreal Engine (EPIC Games). All components of these graphics can be adjusted on the fly, and on set. Unlike traditional static background plates, 3D assets allow for parallax effects, and interact with the camera and physical foreground elements.

provide consistent, realistic lighting and reduce computing load.

