

# WHAT IS LIVESSET™

## *Virtual Sets*

Up until now virtual set technology has been complicated and expensive. **LiveSet™** allows you to achieve the look of a sophisticated studio setting, virtually, within a very small studio space and without the need for external equipment because **LiveSet™** is integrated into every TriCaster STUDIO™, TriCaster PRO FX™ and VT[5]™ system. With lights, a simple camera set-up, and a green or blue backdrop your on camera talent can be placed in any one of the **LiveSet™** virtual sets. The proprietary technology in **LiveSet™** makes it possible for you to have multiple camera angles and to change distance from close-up to midway to a wide shot without having to move your cameras. **LiveSet™** also provides the ability to further customize your production by adding video, still imagery or graphics to monitors featured in the **LiveSet™** virtual sets.



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## What makes it special?

What sets NewTek LiveSet technology apart from the rest is that it doesn't require you to make a significant investment in software, specialized hardware, a crew to operate it or a massive space to accommodate the cameras and lighting rigs. Unlike other systems, LiveSet includes a background and a foreground image automatically designed to be viewed from three different angles. For every camera connected to the system, LiveSet allows you to change each camera shot virtually, transition from close-up, to medium, to medium-wide to wide angle shots in real time, without moving the camera or changing the set up in any way. LiveSet lets you accomplish everything live with complete realism, including reflections, glass refraction, shadows and more.

## What do I get?

Your LiveSet system comes with multiple sets that take you from morning to evening in a news desk style environment and to the sports field with a stand up virtual set that may be customized with the sporting event of your choice. NewTek will continue to develop additional LiveSet virtual sets and offer them through upgrades, content packs and on occasion free to registered TriCaster STUDIO, TriCaster PRO FX™ and VT[5] owners.

## How does it work?

Simply position your on camera spokesperson in front of a green or blue backdrop, add lights and connect cameras to your TriCaster STUDIO, TriCaster PRO FX™ or VT[5] system. Next it is as simple as picking the virtual set of your choice, the camera angles you like and the shots from wide angle to midway to close-up. Once you begin your video presentation you can transition from one camera shot to another using cuts, fades or any one of the hundreds of video effects available. Your on camera talent will be able to interact with the surrounding virtual environment including virtual monitors displaying the video or imagery of your choice.

Your on camera talent is seamlessly integrated into the LiveSet using proprietary LiveMatte™ technology. Position your talent in front of a green or blue backdrop; with LiveMatte activated, the blue or green backdrop is replaced with the foreground and background imagery from the selected LiveSet virtual set. LiveMatte controls are applied to fine tune color selection, smoothness, edge detail and light spill around the talent to insure a crisp, clean image. LiveMatte also includes a garbage matte feature providing the ability to mask out areas not covered by the backdrop.

## Can I make my own virtual sets?

Using LiveSet Constructor™, available as a free download for all TriCaster STUDIO, TriCaster PRO FX™ and VT[5] owners, you can easily customize the virtual sets included in the system by adding your own imagery to the foreground or background of the set.

Create any environment or mood you can imagine with LiveSet Generator™ for LightWave 3D® where you create your own photorealistic 3D virtual set environments or LiveSet Generator for Aura™ which provides VT[5] users the ability to create custom 2D virtual set environments using the Aura video paint system.

## Your bottom line

With LiveSet you increase the professionalism of your production facility with the immediate addition of network-quality studio sets, without an investment in space, construction of set pieces, expensive lighting, on-set playback monitors or a big production crew, saving you tens of thousands of dollars or more.

Now, on the road or in your studio, LiveSet technology combined with the power of TriCaster STUDIO, TriCaster PRO FX™ or VT[5]'s multi-input switcher, titling system, audio mixer, onboard VCR's, keyer and more, you can create your own television production just like the networks. You have all the tools you need, now let your imagination take over.

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