Abekas TRIA Application Note

Delivering Content On-Set, On-Air and On Demand

On-Set and On-Air — Image Matters

The recent resurgence of large, complex and highly creative sets is a trend in broadcasting as programmers compete for an increasingly fragmented viewing audience. Large flat-panel displays are not only being installed in living rooms around the world, they are a common sight on the studio set that produces the programming delivered to those living rooms.

A similar revolution is happening in on-air graphics. Highly sophisticated motion graphics and elaborate 3D transitions are commonplace in studio production today. Providing cost effective playback for video, key and audio is a "must-have" component of today's production environment. Graphics playback must integrate seamlessly into the switcher and on-set displays, to provide easy operation in the high-stress, high-stakes live production environment.

To add even more flexibility to your studio displays, the Tria MultiPLAY option allows you to automate clip loading and playback across an unlimited number of Tria server's video channels; with almost instant clip load and synchronous loop play capability across all video channels. This way you can totally reconfigure the video playing on the displays with a particular show segment, and engage the audience with relevant content throughout the live broadcast.

Cost-effectively delivering attractive "On-Air looks"

Multiple on-set displays mounted in both landscape and portrait configurations can be a costly proposition for set designers. For maximum flexibility, each display should have its own video feed which is synchronous

Key Highlights

Application
Live Studio Production

The Challenge
Engaging an audience with live studio productions

The Solution
Deliver compelling video and graphics to a set that compliments the program

Benefits
- Cost-effective solution to feed on-set displays
- Video, key and audio playback deliver motion graphics and animations
- Flexible configuration and options reduce production complexity, and eliminate the need for additional expensive equipment

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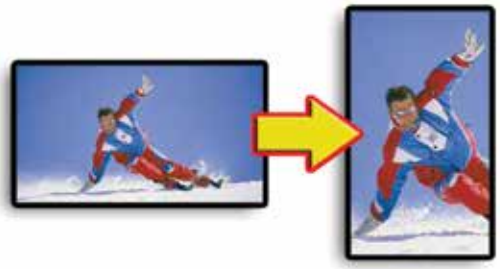

to house reference. This way, all displays can be configured for different programming segments, or can deliver creative background images throughout the broadcast. Providing image rotation for portrait-mounted displays must also be considered. However, standalone or integrated video effects devices provide an expensive answer and add system complexity to the production.

A cost-effective On-Set & On-Air multi-channel, multi-format server

The Abekas Tria multi-channel production server feeding on-set displays and delivering on-air graphics playback is the perfect complement for any live production. The flexibility and price point of Tria makes it a very cost-effective solution for feeding all your on-set displays. Specialized integrated options, like Flipper, rotates, crops and positions the video to accurately drive portrait-mounted displays — mitigating the need for separate and expensive video effects devices for this simple function. The optional Tria MultiPLAY control interface and easy-to-use playlists let you instantly load and synchronize playback of content for different program segments.

Tria is equally at home in the control room. Delivering synchronized video, key and audio playback from its multichannel configuration, Tria is the most cost-effective way to integrate animated graphics into your production. Seamless integration with the switcher, automation system, or standalone interface makes Tria easy to configure and operate.

The Tria production server also integrates seamlessly into a file-based workflow. Production efficiency is delivered by importing and exporting video, key and audio files, sometimes faster than real-time.

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