



Telestream Pipeline HD Dual systems installed in Nova TV HD-OB van.

Pipeline speeds HD video capture for reality show at Croatia's Nova TV

Croatia's first mobile HD production van utilizes four Pipeline HD Dual video capture systems with ToolsOnAir LiveCut and Just:in control software for multi-camera video capture of 8 HD streams into tapeless production workflow

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- Mijenko Logozar
Technical Director, Nova TV

Background

Nova TV is Croatia's first commercial nationwide television station which is fully owned by Central European Media Enterprises. Nova TV made the Croatian TV viewers familiar with reality shows when first showing American shows such as Survivor and Temptation Island.

In 2009 Nova TV deployed a state-of-the-art, tapeless HD-OB van which travels across Croatia recording *SuperTalent*, one of Nova TV's own daily TV reality shows. Four Telestream Pipeline™ HD Dual video capture systems were deployed by Nova TV for use in the OB van. Pipeline was selected for its seamless integration with ToolsOnAir multi-camera production control software and for its fast direct-to-disk ingest into Nova TV's Apple-based production environment.

Meeting the Challenge

"Nova TV presented the perfect challenge for Pipeline – a need for robust, scalable HD capture that was well suited for a mobile truck environment," said Barbara DeHart, VP of Marketing at Telestream. "Pipeline met the challenge by providing fast, efficient capture of high-resolution content that was immediately available for editing. ToolsOnAir's integration with Pipeline provided the final step in a powerful multi-camera video capture system that fully utilizes Pipeline's speed and flexibility."

The Workflow

For Nova TV, LiveCut from ToolsOnAir connects all the elements in a multi-camera shoot. Under the control of LiveCut and ToolsOnAir's Just:in software, eight HD streams are simultaneously captured from the cameras into four Pipeline HD Dual systems for encoding to ProRes 422 (HQ), Apple's high-end HD editing format. Files are immediately delivered to a central server, where they are ready for instant access and editing by multiple Final Cut Pro workstations. The ability to edit media files while they are being captured enables quick project turnaround and completion.

"Telestream gave us the ability to develop a stable and reliable software interface for LiveCut," said Gilbert Leb, VP of Sales and Marketing at ToolsOnAir. "Pipeline's streamlined and energy-saving design allows us to offer a lightweight and compact solution for production trucks and vans."

The Result

"As the most innovative television station in Croatia, Nova TV continues to implement high-quality technology in its infrastructure," said Miljenko Logožar, Technical director of Nova TV. "Pipeline enabled us fast and efficient capturing of multiple HD camera feeds. An additional advantage is its easy operating system. Having immediate access to high-quality encoded files for editing is significant in TV production and speeds up the overall process."

Telestream Pipeline HD Dual

Telestream [Pipeline HD Dual](#) is a two-channel network-based video capture system that ingests video and audio from tape or live sources and encodes it in real time to multiple HD and SD formats, providing flexibility in multiformat, Mac and PC environments. Encoding format support includes ProRes 422 (HQ), DNxHD, DVCPRO HD, DV, IMX, MPEG-2 I-Frame and ProRes 422 and wrapper support includes QuickTime, MXF OP1a, XDCAM MXF OP1a, and Avid AAF+MXF OPAtom. Pipeline also provides cross-platform compatibility for both Avid and Final Cut Pro workflows.

Pipeline HD Dual provides highly-efficient encoding of two channels of HD video in a single one-rack-unit box with low power consumption. This makes Pipeline ideal for areas where space and power are an issue, such as OB vans. Pipeline is also useful for multi-camera capture at remote sports events and remote on-site shoots.

For more information:

Telestream: www.telestream.net

ToolsOnAir : www.toolsonair.com