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NewTek Debuts First-Ever Production System Designed Specifically for IP Video

—New software-driven, infinitely expandable approach to switching, input, and output of video sources over IP and SDI represents the biggest shift in large-scale production technology in 30 years—

SAN ANTONIO, September 1, 2016—NewTek today introduced the [NewTek IP Series](#), a software-driven, modular video production system with virtually limitless access to video sources and video mixing options. Designed to work cohesively in an ecosystem, the NewTek IP Series is the first large production system designed for IP video while also fully backwards compatible with SDI; using separate scalable high-performance components for the mixing and control, input, and output of sources allowing virtually unlimited scalability. Video, audio, and control signals from these components are transferred digitally using NewTek’s Network Device Interface (NDI™) technology allowing multiple video systems to identify and communicate with any other system over a standard computer network. The result is a fully customizable IP workflow solution with the flexibility to handle the most demanding production needs.

“Built from the ground up to take advantage of modern IP infrastructures and software-based video processing, this new product line, the NewTek IP Series, is the first fully scalable production ecosystem ever, and represents a true paradigm shift in the way live mixing technology works,” said Dr. Andrew Cross, president and chief technology officer for NewTek. “With distribution of TV content flowing unstopably over IP, it only makes sense that production does the same. Many see it coming, only NewTek can deliver a complete solution today.”

With the NewTek IP Series, current and future resources can be integrated through an interconnected production workflow using commercial-off-the-shelf network infrastructure. Implementing NewTek’s industry leading live production software, NewTek IP Series users have access to more workflow possibilities and expansion capabilities. Additionally, facilities and organizations don’t have to abandon existing investments in SDI infrastructure or implement high-priced, high-bandwidth networking to migrate to IP.

The nucleus of the NewTek IP Series is the NewTek VMC1 Video Mix Engine capable of switching up 64 source channels, including 44 external inputs (each with key and fill) and full mixing control with 8 M/Es with full re-entry, plus PREVIZ. Each Video Mix Engine includes integrated compositing, a sophisticated macro automation engine, and the most flexible and scalable effects system available with almost unlimited matting, DVE, transitions, overlays, virtual sets, real-time data and much more. Multiple

NewTek VMC1 Video Mix Engines can be placed on the network allowing for both expansion and full redundancy as needed, keeping up with demands of any size of production.

The NewTek VMC1 4S Control Panel is the tactile interface that connects the operator to single or multiple engines for precise control of the production. Paired with the VMC1 Video Mix Engine over a network, the NewTek VMC1 4S Control Panel offers comprehensive functionality with four independently assignable stripes and premium hardware mechanics that are intuitively arranged and ergonomically designed to ensure optimal live performance.

The NewTek VMC1 IN Studio Input Module allows up to 4 SDI or IP inputs per module recognized by the NewTek VMC1 Video Mix Engine. Modules can be added at any location on the network to increase camera/source count as necessary. Adding new dimensions to production operations, each module includes a multiviewer with return video feed and capability to ISO record to network storage. The NewTek VMC1 OUT Studio Output Module is a 4 channel multi-format modular video delivery hub that can reside anywhere on a network.

Offering more configurations and a more complete set of capabilities, no other solution enables interconnected production workflows to the scale and scope of the NewTek IP Series. NewTek IP Series simplifies infrastructure, eliminates restrictions, and expands possibilities, while integrating with existing equipment.

Availability

The NewTek VMC1 Video Mix Engine, NewTek VMC1 4S 4-Stripe Control Panel, and the NewTek VMC1 IN Studio Input Module are available immediately. The NewTek VMC1 OUT Studio Output Module will be available in Q4 2016.

For more information on the NewTek IP Series, please visit <http://www.newtek.com/ip-series>.

About NewTek

NewTek is transforming the way people create network-style television content and share it with the world. From sporting events, Web-based talk shows, live entertainment, classrooms, and corporate communications, to virtually any place people want to capture and publish live video, we give our customers the power to grow their audiences, brands and businesses faster than ever before.

Clients include: New York Giants, NBA Development League, Fox News, BBC, NHL, Nickelodeon, CBS Radio, ESPN Radio, Fox Sports, MTV, TWiT.TV, USA TODAY, Department of Homeland Security (DHS), the National Aeronautics and Space Administration (NASA), and more than 80% of the U.S. Fortune 100.

NewTek is privately owned and based in San Antonio, Texas. For more information on NewTek please visit: www.newtek.com, [Twitter](#), [YouTube](#), [Flickr](#) or connect with us on [Facebook](#).

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