CONTACT:

Scott Carroll   Sophie Latish
NewTek   Brand Definition
210-370-8166   503-360-6411
scarroll@newtek.com   sophie@brand-definition.com

NewTek NDI® Version 3.5 SDK Now Available For Download

—Dominant IP standard for video production continues rapid innovation path—

SAN ANTONIO – June 14, 2018 – Announced at NAB 2018 by NewTek, the NDI® version 3.5 SDK is now available for download at ndi.newtek.com. Since its introduction in 2015, NDI has become the de facto industry standard for sharing video across a standard Ethernet network. Implemented in nearly 1,000 products, and with the announcement of Microsoft Skype integration, NDI now has a user base of more than 300 million people worldwide – by far the most widely adopted IP standard.

NDI 3.5 provides numerous performance improvements and features to NewTek's royalty-free IP video technology while maintaining full forward and backward compatibility. Among dozens of other enhancements, NDI 3.5 now supports unicast UDP transfer; new color formats; significant discovery, scalability, and performance improvements; numerous new and improved tools, and much more.

"NewTek have long believed that the future of video production is based on software, computers, and networks, and we've based the last 15 years of our R&D on building products to this vision," said Dr. Andrew Cross, president and CTO of NewTek. "NDI is the key ingredient of our vision; free to use, easy to implement, enabling developers and storytellers large and small – anyone with an idea – to push the IP revolution forward and leave an indelible mark on the industry."

Significant changes to the NDI SDK include the use of unicast UDP with forwards error correction as the default mode to provide better performance on networks with high packet latency, such as long-distance transfers, while still supporting unicast TCP and multicast UDP for maximum flexibility. NDI 3.5 also boasts scalability and performance improvements with a 200% improvement in the number of 4K streams supported in a single process.

Important advancements to NDI Tools in version 3.5 provide huge benefits to users and IP video workflows. A new version of NDI Scan Converter shows vastly improved screen capture performance with full region of interest support at full-raster frame rates that is ideal for game streamers. The Virtual Input Driver now makes NDI sources available as standard Windows® video capture or audio card sources for availability in Google Hangouts, GoToMeeting, Zoom, and more.

On an even bigger scale, NDI Studio Monitor gets a major uplift with enhancements to quality, performance and feature set. Web-based remote control over any number of Studio Monitor instances allows a mobile device with QR code access and password support to control configuration, source

selection, and P2P communication between devices. Multi-monitor support with computer pairing and locking of instances that are self-launching, multi-window, and include the ability for picture-in-picture or an entire alpha channel overlay make NDI an ideal solution for large-scale signage installations.

Availability

The NewTek NDI version 3.5 SDK is available for download now at ndi.newtek.com.

For more information please visit https://www.newtek.com

About NewTek

As the leader in IP video technology, 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.

About NDI

NDI is in use on millions of devices and allows multiple video systems to identify and communicate with one another over IP. NDI can encode, transmit and receive many streams of high quality, low latency, frame-accurate video and audio in real time. This benefits any network-connected video device, including video mixers, graphics systems, capture cards, and many other production devices. This makes it possible to exponentially increase the number of sources available for live production switching, without directly attaching to devices, changing locations, or investing in expensive, high-bandwidth networks that simply replace SDI-based workflows. #NDIcentral

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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