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High School TV Broadcast Students Deploy NDI Technology to Deliver Production Capabilities Rivaling Local Networks

SAN ANTONIO, Texas, January 24, 2017—A smartly-dressed anchor is seated on a chroma-key set. Animated graphics cycle through a background showing the latest election results. Camera feeds switch back and forth between live reporters in the field sharing a split screen with the anchor desk. Using these professional production techniques and more, students at Penn-Trafford High School near Pittsburg, PA delivered live coverage of the school’s mock presidential election this past November using a video production system that rivals those used by local television networks. But at a fraction of the cost because of a new technology: NDI, from NewTek.

NDI, or Network Device Interface, makes it possible to send video over a standard IP network, wired and wirelessly, with no sacrifice in speed or quality.

Led by teacher Steve Vinton, Penn-Trafford TV Production students were able to use NDI to send video wirelessly across the school’s network to the studio’s NewTek TriCaster® multi-camera video production system with Advanced Edition software that allows users to incorporate audio and video sources from anywhere on a local IP network into its video productions. Making the technology even more attractive was that it took the students only three days to integrate it and go live.

“In my seven years of teaching, I’ve never seen students get excited, or be engaged like they were for this mock election coverage,” said Vinton. “They were energized and enthusiastic. They custom made their graphics and intros, created a Twitter account so we could have exit polling data. We pulled that feed off a computer via NDI through the TriCaster. We were able to incorporate actual, real-time exit-polling data. This technology had enriched my lessons.”

Click [here](#) for the full story and video.

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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