ENCO Breaks New Ground with NDI® Support in Live Captioning Workflows

enCaption4 live automated speech-to-text captioning system joins the growing NDI® video over IP ecosystem

Southfield, MI, March 26, 2018 – At a time when the broadcast and professional A/V industries are migrating to an IP-based infrastructure, ENCO announces that its award-winning enCaption4 automated captioning solution has joined the global NDI® community to provide turnkey closed or open captions on live video.

With its powerful, real-time speech-to-text engine, enCaption4 is an on-premise or cloud-based solution for generating the accurate live captioning that live TV and online video require. For the first time, broadcasters, content producers and commercial AV facilities with an NDI infrastructure can add an automated captioning solution into their workflows. Once connected, enCaption4 can automatically generate captions through its NDI input stream, and output an NDI signal with captions keyed directly on top of the video stream. This capability simplifies the captioning workflow by eliminating the need for specialized encoding hardware.

At the upcoming 2018 NAB Show, taking place from April 9-12, 2018 at the Las Vegas Convention Center, ENCO will demonstrate enCaption4 with this new NDI capability alongside the software-defined solution's breakthrough accuracy, accelerated speed, extremely low latency, and expanded foreign language support.

"With the growing popularity of NDI, we added NDI support based on customer demand," said Ken Frommert, President of ENCO. "With NDI support, we're making it easier for TV networks, local stations and non-traditional broadcasters such as corporations, schools and universities, houses of worship, and webcasters to use our automated captioning solutions within their real-time NDI productions."

As an automated, turnkey on-premise or cloud based solution, enCaption products are especially well-suited to IP-based NDI video production and streaming environments. The breakthrough interoperability offers a strong and reliable solution for accurate closed captioning within live web and social media streams, such as Facebook Live.

"While online video distribution is not subject to the same stringent closed captioning regulations as broadcast TV, the use of captions ensures a larger audience for any online video," Frommert said. "Advocacy groups for the hard of hearing are also actively pushing for online video programs to contain captions. And many watching video on portable devices in public places prefer to keep their volume down and turn on captions instead."

According to Michael Kornet, Executive Vice President of Business Development for NewTek:

"Software-driven IP workflows are quickly becoming ubiquitous in video production. NDI-enabled devices, like the ENCO enCaption4 automated closed captioning system, exponentially increase the video capabilities available within today's cost-effective, NDI production and streaming environments."

About ENCO

Founded in 1983, ENCO pioneered the use of computer-based, digital audio and program automation for radio station and TV studios. The company has since evolved its product line to cross all aspects of today's automated broadcast and production workflows, including closed-captioning, visual radio, audio compliance, instant media playout, remote contribution, and cloud-based web streaming. Its two flagship systems, DAD and MOM, bring the industry's best reliability, cost-efficiency and intuitive operation to automated radio and TV operations worldwide. ENCO is headquartered in Southfield, Michigan USA and retains a global distribution network, plus a growing network of partnerships with complementary industry vendors. For more information, please visit: www.enco.com.

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