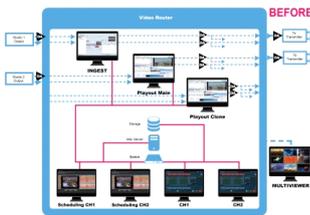


# Etere Taps into the Benefits of Newtek NDI

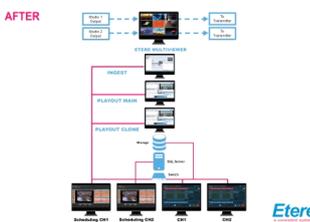
Etere supports the market-proven Newtek Network Device Interface (NDI®) technology. In the attachment, a list of 10 common broadcast myths about NDI® is explained.



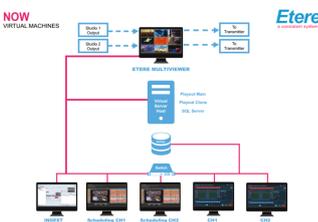
(Etere logo)



(Traditional)



(Etere Solution)



(Virtual Machines)

Etere supports the market-proven **Newtek Network Device Interface (NDI®)** technology since 2014. The company has integrated the best of Newtek NDI® technology into its solutions, incorporating benefits such as,

- ◆**Broadcast Quality Playout:** With compression that is virtually loseless, Newtek NDI® has a signal quality that is virtually identical to baseband SDI
- ◆**Very High Reliability:** Highly reliable NDI® advanced networking technology
- ◆**With Low Latency:** With a latency rate of one field or less, only a single frame is required to encode and transmit videos across the entire network
- ◆**Easy to Manage:** It is extremely easy to setup and maintain an Etere live production system with Newtek NDI® support
- ◆**Works on Existing Networks:** It works on existing networks with Gigabit Ethernet supporting multiple video, audio and metadata streams with high bandwidth network.
- ◆**Highly Efficient:** Highly efficient encoding and decoding that is able to process 4K at 1000 frames per second on a modern CPU
- ◆**Supports Unicast and Multicast User Datagram Protocol (UDP):** It supports Unicast and Multicast UDP with Forward Error Correction (FEC) along with unicast TCP, enabling workflows to be adapted to network configurations

NDI® is the most widely adopted IP technology on the market, supported by millions of customers with access to it. Etere Full IP solution brings about many benefits including cost savings of up to 50% and a streamlined setup that does not require SDI hardware. With Etere IP Solution, a single software manages ingest, playback, graphics, archive newsroom with no third party integrations. It is also integrated with virtual machine and cloud support. Etere IP solution requires only standard Gigabit cables and common IT components. Users can manage multiple high-quality and ultra-low latency video streams simultaneously with low bandwidth consumption and CPU impact. Etere full IP solution is also integrated with **Etere ETX-M**, an IP Multiviewer software that facilitates the simultaneous monitoring of multiple live video input sources from a single interface.

Etere Full IP solution brings about greater savings in hardware and maintenance costs. It enables users to take advantage of the benefits of SDI over IP now, ahead of other solutions such as SMPTE 2110, Aspen and AIMS. It is also a completely open solution with full interoperability with future IP standards.

- ◆**Etere ETX-M IP Multiviewer** simultaneously monitors multiple live video input sources from a single interface
- ◆**Live subtitling** with **Etere ETX Inserter** and **Time Delay**
- ◆**Etere ETX** is a complete channel in a box with full IP in and out capabilities
- ◆**Etere ETX-G** allows you to add or delete graphics up to 30 seconds before playout
- ◆**Etere QC** for an automated quality check on video/audio files and detection for issues including freeze frames, black frames, scene changes and audio loss
- ◆**Etere Master Control** modernizes all master control features in a fully software-based solution equipped with a touch screen panel

For more information, please write to [info@etere.com](mailto:info@etere.com)



For more information, visit **NewTek NDI**. #NDIcentral

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### About Etere

Etere was established in 1987 in Italy and it is amongst the worldwide leaders in Media Asset Management (MAM) and channel-in-a-box software solutions. Etere Media Enterprise Resource Planning (MERP) framework of scalable solutions are used by media enterprises across the end-to-end workflow. Etere MERP modular software including Media Asset Management (MAM), Airsales, Ad Insertion, Playout Automation, Broadcast Management System, HSM Archive, NRCS Newsroom, Broadcast Management System, Broadcast video over IP, IP Multiviewer and Live Censorship are built with an innovative architecture, offering the best flexibility and reliability in the market. Etere headquarters is in Singapore and it has a 24/7 support centre in Italy.

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### About Network Device Interface (NDI®)

NDI® is royalty free for any company looking to establish IP workflows within their organization, or in commercial products and applications they deliver. Boosting seamless integrations, NDI® enables multiple video systems to identify and communicate with one another over IP as well as to encode, transmit and receive multiple streams of high quality, low latency and frame-accurate video and audio in real-time.

**<https://www.newtek.com/ndi/>**