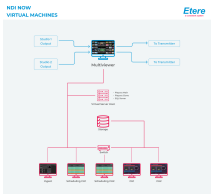


Etere Provides a Seamless Virtualized IP Payout

Etere provides a comprehensive cloud-based, IP-enabled payout with low latency, fast channel deployments and frame-accurate transmissions.



Etere logo



Virtual Machines



ETX Logo



ETX-M IP Multiviewer



NewTek NDI

Etere's software-defined virtualized IP Playout solution elevates the agility, interoperability and flexibility of IP broadcast production management with a highly integrative system architecture and smart features. In the fast moving landscape of media convergence, broadcast production systems are increasingly shifting operation practices to leverage the benefits of video streams over IP. Etere provides the freedom of IP playout while eliminating the challenges of hardware dependencies, complexity of system integrations and high operating costs. Etere full IP solution includes the end-to-end process of Playout Automation, Ingest, Media Asset Management (MAM), Channel-in-a-box, Transcoding, Quality Control, Graphics and Archive.

Etere has supported **Newtek Network Device Interface (NDI)** technology since 2014 when its **4K-ready channel-in-a-box system, Etere ETX**, was integrated with support for NDI. Etere ETX is a complete channel-in-a-box with **full IP (in and out)** for multiple frame capabilities. It manages SD/HD/4K signals and is open to future technologies without a change in the system. Newtek NDI enables multiple video systems to identify and communicate with one another over IP as well as to encode, transmit and receive many streams of high quality, low latency, frame-accurate video and audio in real-time. NDI features less than one frame of delay, making it suitable even for live production environments. With Etere ETX's live subtitling and time delay capabilities, Etere users are well-equipped with a reliable solution that is ready for the dynamic demands of **live IP playout**.

Etere Virtualized IP Playout enables customized configurations, very fast channel deployments as well as the decommissioning of IP channels for a highly agile business model. The agility extends to its interoperability of devices. Etere allows users to mix different servers without any integration problems. It is extremely cost-efficient with a low TCO as it requires only common IT components. Etere IP technology also **supports the use of Virtual Machines (VM)** at every stage of the workflow. By eliminating dependency on SDI hardware, Etere users can save up to 50% in hardware and maintenance costs.

Etere Virtualized IP Playout connects geographically distributed facilities and enables low-latency processes over an IP network for multi-sites systems. Equipped with real-time monitoring, system configurations, remote control capabilities and high redundancy, it improves collaborations and system visibility across all workflows. Etere solutions provide valuable business intelligence data to enhance the production of relevant and compelling content.

Etere Virtualized IP playout includes Etere ETX-M, a software-defined **IP Multiviewer** that enables the integrated management of up to 9 monitors and 30 sources from a single interface with features such as email notification alerts, log reports and real-time previews. Not only that, Etere Virtualized IP Playout equips users with **Etere ETX Legacy Converter** which converts SDI in and SDI out in Network Device Interface (NDI) streams with very low CPU impact. It is capable of managing up to 20 channels, limited only by the Network interface speed that it is on. Etere ETX Legacy Converter helps to limit connection and bandwidth. With the availability of very fast network interface speeds, IP connectivity is able to deliver speeds and performance that are faster than SDI deliveries.

Businesses adopting the Etere Virtualized IP Playout model have access to the complete tools needed for the set up, configuration and deployment of IP channels on the fly, capable of meeting not only the production of high value content across multiple platforms and formats but also the evolving business requirements of the company with its highly scalable architecture. For more information on Etere solutions, please write to info@etere.com.

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

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 is headquartered in Singapore, with a dedicated 24/7 support centre in Italy.

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About Newtek NDI

Network Device Interface (NDI) is a royalty-free standard developed by NewTek that enables multiple video systems to identify and communicate with one another over IP as well as to encode, transmit and receive many streams of high quality, low latency, frame-accurate video and audio in real-time. NDI is the most widely adopted IP technology on the market, epitomized by the millions of customers with access to it today.

For more information on NDI, visit ndi.newtek.com.

