

# Etere Channel-in-a-Box

Ready for today and tomorrow with SDI/IP/NDI adaptability and powerful workflow automation. Etere ETX empowers you with all the playout features you need, including cloud playout, ingest, automation, master control and interactive graphics with consistent precision for even the most demanding of environments.



## Simplicity and cost-efficiency of deployment

Etere ETX allows you greater efficiencies with its easy deployment, operations and upgrades. With a lower capital expenditure, smaller footprint and less human resources, you can improve your playout workflow with a futuristic software solution.

## Unified workflows and integration

Etere ETX integrates all the features needed to launch a channel on-air by combining scheduling, ingest, storage, file management, monitoring, playout, multiviewer, subtitle management, CG and graphics within a single software solution.

## Master Panel with fastest response

Etere ETX allows you to manage up to 6 TV Channels from a touch-screen master control panel. It provides audio output control for PGM and PST as well as an integrated transition effects control panel.

## Multi-resolution support of 4K, HD and SD

Etere ETX provides exceptional quality with a multi-resolution playout in 4k/HD/SD. With its proven high quality playout capabilities, you can focus on delivering great content to the market faster.

## Closed caption/Subtitling insertion

Etere provides integrated and advanced software tools to insert subtitling and closed captions including CEA608 and CEA708, which can be directly streamed to DVB or ARIB. Moreover, Etere offers ETX inserter and time delay that allows you to create live subtitling from the same platform.

## Cost efficient and easy to maintain

Etere ETX is a perfect blend of the quality and functionality of a full broadcast station combined with the cost-efficiency, speed of deployment, simplicity of usage and easy scalability of a Channel-in-a-Box.

## Client server application with redundancy

Etere ETX is a client server application and the ETX servers are controlled remotely by multiple clients to offer the best redundancy and fault-tolerance that keeps the system running in perfect tandem.

## Seamless Virtualisation and Cloud-ready

Virtualisation frees broadcasters from the necessity to invest, operate and maintain their own hardware. With Etere, you can have a virtual environment for unlimited streams but without the associated costs. Etere ETX is also cloudy-ready.

## Strong expertise and market-proven

Etere prepares users to be ready for the future with its innovative software solutions which are designed with strong interoperability and cutting-edge features. The team has over 30 years of experience in managing the entire playout ecosystem. Etere is able to help you transform your business to gain measurable results. Our consultants can guide you on the migration, architecting and engineering of your IT assets. With Etere, you can be assured that your investments will provide the best returns and keep you at the forefront of technology.

## High-level Interoperability: Supports NDI/IP/SDI

Etere ETX's flexibility enables broadcasters to receive and playout live videos on SDI/NDI/IP streams. Etere supports a wide range of global standards including Newtek NDI, SMPTE 2022 and 2110. Even as the landscape of video over IP continues to evolve, Etere ETX is highly integrative and responsive in adapting to new codecs and standards. Etere protects your investments and prepares you for the future with its open IP infrastructure.

## Full redundancy for a fault-resilient performance

Etere playout automation's database-independent capabilities enables different levels of fault tolerance including backup mode, master-clone mode and disaster recovery mode. The distributed architecture is designed to provide full redundancy for the system.

## 24/7 Global Support to support your business

Etere's dedicated 24/7 worldwide support provides exceptional services and expertise whenever you need it. The highly specialised team offers real-time VPN connections and online meetings to support your business no matter where you are. What's more, software upgrades and updates are only few clicks away.



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## Designed for an exceptional performance with Integrated IT-based Master Control for Multichannel Playout

With ETX, you will need only one server to playout, switch, fade dissolve, insert logos and perform CG functions. It is a versatile solution that is capable of video acquisitions, real-time compressions and network transmissions with full support for different video codecs between channels. In addition, Etere ETX can be integrated with Etere Master Control to enable a multi-functional and integrated software solution that works with any standard Windows PC. Etere Master Control integrates all the traditional master control features into a sleek touch-screen interface that can be installed on multiple PCs. An IT-based architecture allows companies to create new channels without traditional scaling constraints. Its simplified system design allows a much faster deployment of new facilities, additional channels and services, afterall, Etere is a system that is designed to grow with your needs.



## Advanced graphics engine enables insertion up to 8 layers of graphics overlays

An advantage of Etere ETX is its robust graphics engine that enables the insertion of the full range of channel graphics including fixed logos, animated logos, L-shape squeezes, crawls and transition effects to enhance your content. Graphics can be imported in any format and distributed to playout using Etere Data Mover. Not only that, a low-res copy is automatically generated for preview. Additionally, a live signal can also be used to insert graphics for dynamic channel graphics requirements. The automated workflows eliminate manual tasks and make the job of an operator much easier. Etere combines the best of both worlds to provide you with a full-featured software tool to generate rich graphics automatically but without the cost of a CG server.

- Graphics files supported includes TGA, AVI, MOV, SWF, PNG, JPEG, GIF



## Integration with the Etere Ecosystem: Etere ETX-M Multiviewer Ultra HD Multiviewer lets you monitor unlimited video sources on a single display

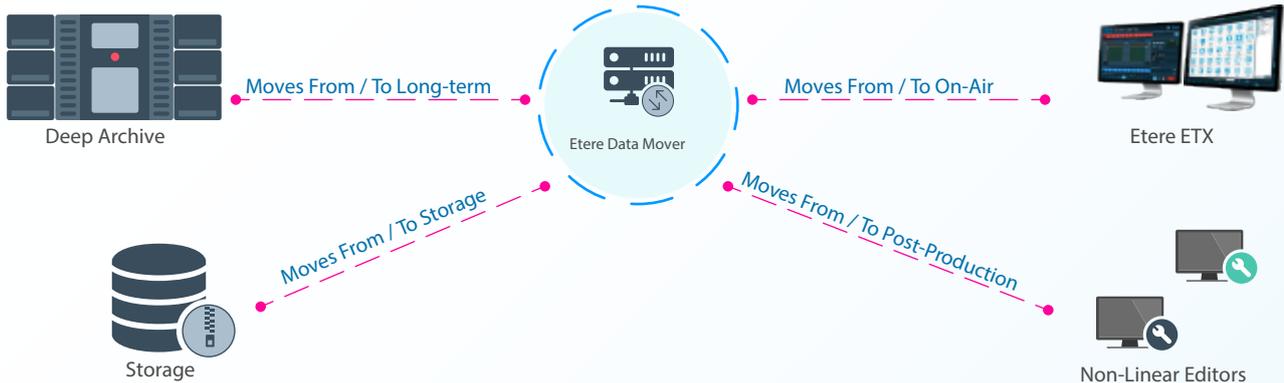
Etere ETX can be integrated with other modules of the Etere Ecosystem including Etere ETX-M Multiviewer to view multiple videos and live-feeds, all from the same screen and at the same time. It displays up to 9 sources simultaneously. The sky is the limit with Etere ETX-M Multiviewer that allows unlimited SD, HD, and Ultra HD sources feeds. Furthermore, it displays the next event in real-time and allows the operator to manage quick edits effectively. The Multiviewer features multiple clock displays to view different time zones. It is also integrated with automated loudness control that monitors and corrects transmission volume errors and prevents audio jumps over the threshold. Multi-channel monitoring has never been easier. A simple PC configuration is all that you need to get started.



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## One of the fastest transfers on the market

The distribution of contents, video and graphics to the different ETX engines is controlled by Etere Data Mover, the application that delivers the correct video to the place you want at the correct time. Etere ETX video file transfer capability is one of the fastest in the market, making it a proven system that will help you to increase efficiency and reduce complexity in your workflows.



## Etere SNMP with configurable alerts

Etere provides a common, flexible and easy-to-use browser interface, designed to be highly customizable to facilitate system monitoring, it's able to detect and recover potential problems automatically. Etere SNMP Console is also able to receive SNMP messages sent by other non-Etere applications or devices such as network switches, routers, and firewalls.

### Centralized Real-time System Monitoring

