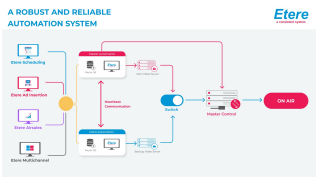
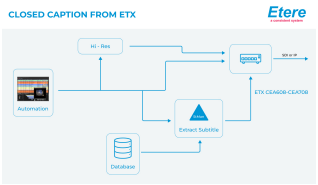
EA1227 ETERE AUTOMATION

Etere Automation delivers scalable, flexible, and highly reliable playout automation, ensuring seamless broadcast operations. Designed to function independently from the Etere SQL Server database, it enhances efficiency while maintaining exceptional fault tolerance at multiple levels. This ensures a powerful, uninterrupted performance, making it a trusted solution for broadcasters seeking robust automation and maximum reliability.



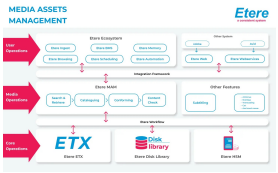
Etere Automation



Closed Caption from ETX

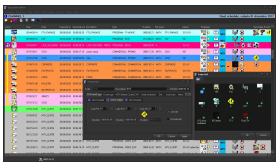
Etere Automation is a robust, reliable and modular playout automation system that can enhance broadcasters' functionalities and workflow design potential. Its unique approach combines real-time device control and media asset management in a single product, offering a powerful mix of solutions and capabilities. It is a system that fits all broadcasters' needs. Etere Automation can transmit streaming events according to the videoserver capabilities, play in A/B switch mode and remotely control devices using the network, serial, and GPI connections. In addition, Etere Automation database-independent capabilities enable different levels of fault tolerance, allowing it to run on Backup Mode, Master/Clone Mode, and Disaster Recovery Modes. Etere's distributed architecture provides a system that can grow and change to fit all broadcasters' needs. It runs on Windows and controls all the broadcast system devices. Etere Automation uses the Etere Media Asset Management database to integrate all the activities in a single environment, thus allowing retrieval of assets stored in the station with no size limit, managing playlists, and performing last-minute changes.

Key Features



☐ Integrated environment with a user-friendly interface
☐ Ingest system, familiar with Etere Media Asset Management (MAM), can be used for both archive and playout
☐ Start and end points on videos are stored in the system database
☐ Supports SD, HD and 4K
☐ Single-segment, multi-segment and multi-spot are managed as the same database object
☐ Barcodes can be printed on catalogue tapes
☐ Ingest jobs can be automated to minimize operator work
☐ Live recordings are also supported, and these can be manually triggered or pre-scheduled
☐ Play while recording is supported on every device
☐ Etere Automation runs independently from the Etere SQL Server, ensuring a truly fault-tolerant and resilient performance
☐ Etere Automation can offer different levels of fault tolerance, with Backup Mode, Master/Clone Mode, and Disaster Recovery Mode with a distributed architecture that provides full redundancy
☐ Seamless workflows with Etere ETX, Etere Scheduling and Etere Automation for real-time content delivery

Etere Browsing Player



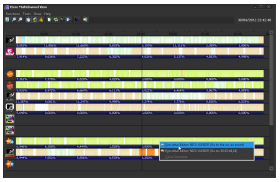
Etere Proxy Browsing: allows different operators to access the same clip simultaneously. It supports jog & shuttle functions. It can be accessed with a simple click from any point of Etere, including traffic and scheduling interfaces
Parallel encoding: You can use a PC to encode hires and low-res at the same time.

Transcoding: Etere browsing includes an unlimited transcoder license to produce browsing copies from the hires video
Selectable bit rates: Etere browsing/player allows you to choose any bit rate, including different bitrates for different categories of video
Unlimited license: Etere browsing/player allows you to install any number of encoders, transcoders and browsing stations
Etere Browsing: Video recording works side by side with standard recording operations integrated with the other Etere tasks

Scheduling System

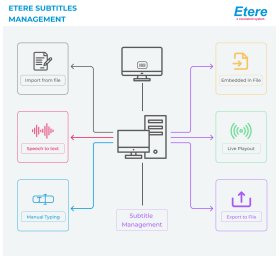
Etere Automation features a robust, SQL-based integrated scheduling system, with Etere Scheduling serving as its multifunctional editor for creating advanced schedules. Designed for broadcasters, Etere Scheduling streamlines program planning by offering detailed simulations, in-depth analysis, and both high and low-resolution previews. Its frame-accurate schedule editor eliminates the need for manual adjustments, ensuring seamless scheduling without the hassle of fillings or cuts.

Multi-Channel Control



Multi-channel control makes schedule management of multiple stations easy
☐ Several stations can be distinguished using logos
☐ All events can be previewed, and their actual duration displayed
☐ Easily highlight different programs on different channels
☐ Programs can be identified easily with colour code references for different program types
☐ Each status and warning message uses different colours
☐ Highlighted events indicate anomalies that need to be dealt with before broadcasting
☐ In case of an excessive number of warning messages, the **Etere Technical Support** team takes over, providing a cross-check service using the SNMP workstation

Etere Subtitle Management



Etere Subtitle Management is designed to manage different automated workflows simultaneously with a distributed architecture and high redundancy for fault-resilient performance. It can also automatically process high-quality subtitle input files and add them to the associated media platform/standards.
☐Open Subtitling with **Etere STMan** Open subtitles are added to the visible part of the video image. From Etere Subtitle Management to Etere Scheduling and Etere Automation. Subsequently, Etere STMan drives a character generator to insert subtitles in the video. The free CG licence is also included in Etere ETX. Etere STman allows broadcasters to easily manage subtitles used within the station with enhanced cost efficiency, flexibility, enhanced monitoring capabilities
☐**Closed Subtitling (VBI or VANC):**Etere workflow drives a transcoder to embed subtitling in VBI or VANC data. Etere Workflow connects directly with Etere subtitling management to retrieve the correct multi-language data to be included in VBI or VANC space
☐**Closed Subtitling (LINE 21/Teletext):** Etere workflow drives the Etere CC inserter process, which creates the data in the correct format to be inserted in the video stream
☐**Closed Subtitling: Digital Video Broadcasting(DVB):** Multi-language Subtitles are inserted in a DVB stream using an ETERE DVB inserter. The workflow includes Etere Subtitle Management to Etere Scheduling, Etere Automation and subsequently Etere STMan, which drives the Etere DVB inserter to create (in real-time) the stream to be inserted in the DVB stream by the multiplexer. Etere STman enables easy management of subtitles combined with enhanced cost efficiency, flexibility & monitoring capabilities